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INSTALLATION RESTORATION PROGRAM
STAGE 2-1
REMEDIAL INVESTIGATION
VOLUME 2: APPENDIX A

BEALE AIR FORCE BASE
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Prepared for

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OFFUTT AIR FORCE BASE, NEBRASKA 68113-5001

UNITED STATES AIR FORCE
HUMAN SYSTEMS DIVISION (AFSC)
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ABSTRACT (Continue on reverse if necessary and identify by block number)

s part of the ongoing Installation Restoration Program at Beale Air Force Base, California, 24 sites of concern have been entified. During the IRP Stage 2-1 Remedial Investigation, which is the subject of this technical report, 16 of the 24 sites ere investigated through sampling and analysis of environmental media. Two of the 24 sites were investigated using surface ophysics only, and 1 of the sites was the subject of records search activities only. The remaining 5 sites did not receive any RP actions during IRP Stage 2-1.

his technical report summarizes the activities accomplished and results obtained during IRP Stage 2-1 Remedial vestigation, through four quarterly rounds of water sampling. Included in this report are discussions of the IRP program igin and objectives, environmental setting of Beale AFB, field and laboratory investigation methods, results obtained, and commendations for future IRP actions. Eleven appendices are included which present data and relevant information garding Stage 2-1 activities.

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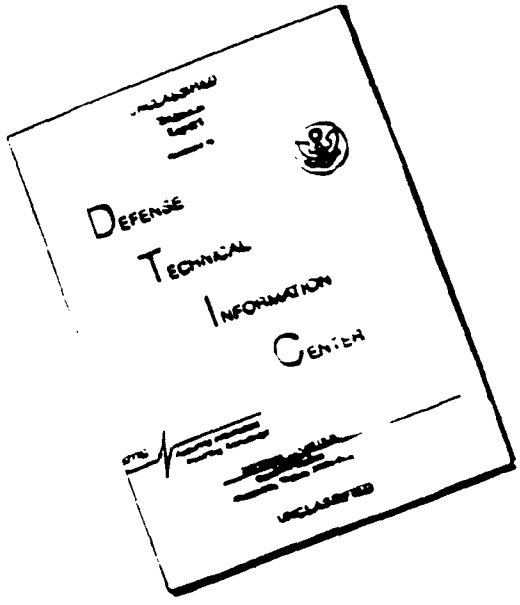

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92-12231

92 5 05 053

EXAMPLE DATA REPORT

EXAMPLE DATA REPORT FOR SOILS

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0254
Laboratory No. : 21872-9
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0254

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.6	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0426)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.2	6.2	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	24.9	
Barium	144	12.4	
Calcium	4470	124	
Chromium	36.6	3.7	
Cobalt	28.7	5.0	
Copper	60.7	3.7	
Iron	36200	12.4	
Magnesium	6770	124	
Manganese	1360	1.9	
Nickel	28.7	5.0	
Potassium	398	249	
Sodium	353	124	
Vanadium	116	5.0	
Zinc	66.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0254 continued on next page)

NOTES

Indicates Site Number, Matrix, and Sampling Round

Field Identifiers:
- 13 = Site Number
- C = CH2M HILL ('A' if Aerovironment)
- 2 = Location Number (#2 boring)
- SB = Soil Boring (GW = Groundwater, SW = Surface Water, SS = Surface Soil, (other)).

Sample Number

Depth of Sample for Soil Borings

Sample Type: Normal Environmental Sample, Field Replicate, Field Blank, Resample, etc.

Some Samples may have been resampled for certain analyses. Note gives Sample Number for resample. Resample data follows current report.

Result values for analyte.

Detection limits for this sample.
Detection limit = Quantification limit.

EXAMPLE DATA REPORT FOR SOILS (continued)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0426
Laboratory No. : 22159-3
Sample Depth : 17.50 - 18.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0426

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0426)

NOTES

This is a resample for certain analyses, Soil Boring 13-C-2SB, 17.50 - 18.00 ft., as noted on previous sample.

EXAMPLE DATA REPORT FOR SOILS (continued)

(results for BAFB-0254 continued)

Field No. : BAFB-0254 — Field Log No. : 11-C-258
Laboratory No. : 21872-9 — Sampling Date : 12/15/88
Sample Depth : 17.50 - 19.00 ft. BGS — Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.006	
Acetone	0.027 B	0.012	
trans-1,2,-Dichloroethene	0.005 J	0.006	
Trichloroethene	0.007	0.006	
Toluene	0.021	0.006	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	82	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.41	0.41	
bis(2-Ethylhexyl)Phthalate	0.29 BJ	0.41	
2-Fluorophenol (SS)	61	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0254)

NOTES

B = This analyte also detected in Laboratory Method Blank

J = This analyte identified below detection limit) and is an estimated value.

SS = Surrogate spike analyte. Value given is in percent recovery.

End of Report Notice of this sample.

EXAMPLE DATA REPORT FOR WATER

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0641
Laboratory No. : 24313-3
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 09/13/89
Matrix : Water

Tests performed on sample: BAFB-0641

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/13/89	wet	1.0	umhos/cm
E170.1	Temperature	09/13/89	wet	1.0	degrees c
E150.1	pH	09/13/89	wet	1.0	pH
SM403	Alkalinity - Total	09/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/13/89	wet	1.0	mg/l
SM403	Bicarbonate	09/13/89	wet	1.0	mg/l
SM403	Carbonate	09/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
TPH-DIESEL	TPH-Diesel	09/29/89	wet	1.0	mg/l
TPH-GAS	TPH-Gas	09/19/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	Resampled	wet	0.0	ug/l
SW8020	Purgeable Aromatics	Resampled	wet	0.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	221	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees C
pH (E150.1)	6.65	N/A	pH
ALKALINITY-TOTAL (SM403)	81.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	98.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	270	3.0	mg/l
CHLORIDE (E325.3)	46.0	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0641 continued on next page)

NOTES

Indicates Site Number, Matrix, and Sampling Round

Field Identifiers:

1 = Site Number
C = CH2M HILL ('A' if Aerovironment, 'R' if Radian)
3 = Location Number
GW = Groundwater, SW = Surface Water, SB = Soil Boring)

Sample Number

Sample Type: Normal Environmental Sample, Field Replicate, Field Blank, Equipment Wash Blank, Resample, etc.

Result values for analyte.

Detection limits for this sample.
Detection limit = Quantification limit.

EXAMPLE DATA REPORT FOR WATER (continued)

(results for BAFB-0641 continued)

Field No. : BAFB-0641
Laboratory No. : 24313-3
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 09/13/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	6.1	0.13	mg/l
SULFATE (E375.4)	8.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TPH-DIESEL (TPH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TPH-GAS (TPH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	13.8	1.00	
Magnesium	8.02	1.00	
Manganese	0.018	0.015	
Nickel	0.060	0.040	
Potassium	2.30	1.00	
Sodium	21.6	1.00	
PURGEABLE HALOCARBONS (SW8010)	(Resampled for this analysis. See BAFB-0679)		
PURGEABLE AROMATICS (SW8020)	(Resampled for this analysis. See BAFB-0679)		
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	120	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
p-Terphenyl-d14 (SS)	140	N/A	
Phenol-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	91	N/A	
2,4,6-Tribromophenol (SS)	96	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0641)

NOTES

Some samples may have been resampled for certain analyses. Note gives Sample Number for resample. Resample data follows current report.

End of Report Notice for this sample.

EXAMPLE DATA REPORT FOR WATER (continued)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0679 — Field Log No. : 1-C-1GW
Laboratory No. : 24797-2 — Sampling Date : 11/03/89
Normal Environmental Sample--RESAMPLE — Matrix : Water

Tests performed on sample: BAFB-0679 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	11/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	4 (5)	1	
Bromochloromethane (SS)	97	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0679)

NOTES

() = Second column confirmation.

SS = Surrogate spike analyte. Value given is in percent recovery.

End of Report Notice for this sample.

SAMPLE IDENTIFICATION CROSS REFERENCE

(BY SITE)

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 1: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0127	21716-2	1-C-1SS (S)	A-140
BAFB-0128	21716-3	1-C-1SS (S)	A-142
BAFB-0129	21716-4	1-C-2SS (S)	A-144
BAFB-0130	21716-5	1-C-2SS (S)	A-146
BAFB-0131	21716-6	1-C-3SS (S)	A-148
BAFB-0132	21716-7	1-C-3SS (S)	A-150
BAFB-0133	21727-2	1-C-4SS (S)	A-152
BAFB-0134	21727-3	1-C-4SS (S)	A-154
BAFB-0135	21727-4	1-C-5SS (S)	A-156
BAFB-0136	21727-5	1-C-5SS (S)	A-158
BAFB-0137	21727-6	1-C-6SS (S)	A-160
BAFB-0138	21727-7	1-C-6SS (S)	A-162
BAFB-0190	21803-2	1-C-7SS (S)	A-164
BAFB-0191	21803-3	1-C-7SS (S)	A-166
BAFB-0192	21803-4	1-C-7SS (S)	A-168
BAFB-0193	21803-5	1-C-8SS (S)	A-170
BAFB-0194	21803-6	1-C-8SS (S)	A-172
BAFB-0195	21803-7	1-C-9SS (S)	A-174
BAFB-0196	21803-8	1-C-9SS (S)	A-176
BAFB-0197	21803-9	1-C-10SS (S)	A-178
BAFB-0198	21803-10	1-C-10SS (S)	A-180
BAFB-0199	21803-11	1-C-11SS (S)	A-182
BAFB-0200	21803-12	1-C-11SS (S)	A-184
BAFB-0201	21804-2	1-C-12SS (S)	A-186
BAFB-0202	21804-3	1-C-12SS (S)	A-188
BAFB-0203	21804-4	1-C-12SS (S)	A-190

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0491	22738-1	1-C-1GW (W)	A-192
BAFB-0497	22739-3	1-C-2GW (W)	A-194
BAFB-0493	22738-3	1-C-3GW (W)	A-196
BAFB-0494	22738-4	1-C-3GW (W)	A-198
BAFB-0495	22739-1	1-C-3GW (W)	A-200
BAFB-0496	22739-2	1-C-3GW (W)	A-202
BAFB-0499	22760-1	1-C-4GW (W)	A-203
BAFB-0498	22739-4	1-C-5GW (W)	A-205
BAFB-0492	22738-2	1-A-1GW (W)	A-207
BAFB-0446	22428-2	1-C-1DC (W)	A-209
BAFB-0447	22428-3	1-C-1DC (W)	A-211
BAFB-0465	22428-4	1-C-1DC (W)	A-213
BAFB-0466	22428-5	1-C-1DC (W)	A-215
BAFB-0442	22421-2	1-C-1SW (W)	A-216
BAFB-0443	22421-3	1-C-2SW (W)	A-218
BAFB-0444	22421-4	1-C-3SW (W)	A-220
BAFB-0445	22421-5	1-C-4SW (W)	A-222

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0560	23372-4	1-C-1GW (W)	A-224
BAFB-0557	23372-1	1-C-2GW (W)	A-226
BAFB-0558	23372-2	1-C-3GW (W)	A-228
BAFB-0556	23357-1	1-C-4GW (W)	A-230
BAFB-0576	23417-1	1-C-5GW (W)	A-232
BAFB-0559	23372-3	1-A-1GW (W)	A-234
BAFB-0586	23469-1	1-C-1DC (W)	A-236
BAFB-0599	23521-1	1-C-1SW (W)	A-238
BAFB-0600	23521-2	1-C-2SW (W)	A-240
BAFB-0601	23521-3	1-C-3SW (W)	A-242
BAFB-0602	23521-4	1-C-4SW (W)	A-244

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 1/OFFBASE WELLS: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0645	24331-4	1-C-1GW (W)	A-246
BAFB-0640	24313-2	1-C-2GW (W)	A-248
BAFB-0677	24787-1	1-C-2GW (W)	A-250
BAFB-0641	24313-3	1-C-3GW (W)	A-251
BAFB-0679	24797-2	1-C-3GW (W)	A-253
BAFB-0643	24331-2	1-C-4GW (W)	A-254
BAFB-0642	24331-1	1-C-5GW (W)	A-256
BAFB-0644	24331-3	1-A-1GW (W)	A-258
BAFB-0676	24451-1	1-C-1DC (W)	A-260
BAFB-0667	24406-1	1-C-1SW (W)	A-262
BAFB-0668	24406-2	1-C-2SW (W)	A-264
BAFB-0669	24406-3	1-C-3SW (W)	A-266
BAFB-0670	24406-4	1-C-4SW (W)	A-268
BAFB-0671	24425-1	OB-C-1GW (W)	A-270
BAFB-0675	24431-4	OB-C-2GW (W)	A-271

BEALE AFB SITE 1/OFFBASE WELLS: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0708	24957-4	1-C-1GW (W)	A-272
BAFB-0704	24954-2	1-C-2GW (W)	A-274
BAFB-0705	24957-1	1-C-3GW (W)	A-276
BAFB-0706	24957-2	1-C-4GW (W)	A-278
BAFB-0707	24957-3	1-C-5GW (W)	A-280
BAFB-0713	25010-2	1-A-1GW (W)	A-282
BAFB-0736	25151-5	1-C-1DC (W)	A-284
BAFB-0732	25151-1	1-C-1SW (W)	A-286
BAFB-0733	25151-2	1-C-2SW (W)	A-288
BAFB-0734	25151-3	1-C-3SW (W)	A-290
BAFB-0735	25151-4	1-C-4SW (W)	A-292
BAFB-0740	25189-1	OB-C-1GW (W)	A-294
BAFB-0739	25184-3	OB-C-2GW (W)	A-295

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 2: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description		Page
BAFB-0057	21659-2	2-C-1SS	(S)	A-296
BAFB-0058	21659-3	2-C-1SS	(S)	A-298
BAFB-0059	21659-4	2-C-2SS	(S)	A-300
BAFB-0060	21659-5	2-C-3SS	(S)	A-302
BAFB-0061	21659-6	2-C-4SS	(S)	A-304
BAFB-0062	21659-7	2-C-5SS	(S)	A-306
BAFB-0063	21659-8	2-C-6SS	(S)	A-308
BAFB-0064	21658-6	2-C-7SS	(S)	A-310
BAFB-0065	21658-5	2-C-8SS	(S)	A-312
BAFB-0066	21658-4	2-C-9SS	(S)	A-314
BAFB-0067	21658-3	2-C-10SS	(S)	A-316
BAFB-0068	21658-2	2-C-10SS	(S)	A-318
BAFB-0069	21657-5	2-C-11SS	(S)	A-320
BAFB-0349	21923-2	2-C-11SS	(S)	A-322
BAFB-0070	21657-2	2-C-12SS	(S)	A-323
BAFB-0350	21923-3	2-C-12SS	(S)	A-325
BAFB-0071	21657-3	2-C-13SS	(S)	A-326
BAFB-0351	21923-4	2-C-13SS	(S)	A-328
BAFB-0072	21657-4	2-C-14SS	(S)	A-329
BAFB-0352	21923-5	2-C-14SS	(S)	A-331
BAFB-0096	21739-4	2-C-1SB	(S)	A-332
BAFB-0097	21739-5	2-C-1SB	(S)	A-334
BAFB-0098	21739-6	2-C-1SB	(S)	A-336
BAFB-0099	21739-7	2-C-1SB	(S)	A-338
BAFB-0100	21739-8	2-C-1SB	(S)	A-340
BAFB-0101	21739-9	2-C-1SB	(S)	A-342
BAFB-0102	21740-2	2-C-2SB	(S)	A-344
BAFB-0103	21740-3	2-C-2SB	(S)	A-346
BAFB-0104	21740-4	2-C-2SB	(S)	A-348
BAFB-0105	21740-5	2-C-2SB	(S)	A-350
BAFB-0109	21757-2	2-C-2SB	(S)	A-352
BAFB-0110	21757-3	2-C-2SB	(S)	A-354
BAFB-0114	21774-6	2-C-3SB	(S)	A-356
BAFB-0115	21774-7	2-C-3SB	(S)	A-358
BAFB-0116	21774-8	2-C-3SB	(S)	A-360
BAFB-0117	21775-2	2-C-3SB	(S)	A-362
BAFB-0118	21775-3	2-C-3SB	(S)	A-364
BAFB-0119	21775-4	2-C-3SB	(S)	A-366
BAFB-0120	21775-5	2-C-3SB	(S)	A-368
BAFB-0121	21775-6	2-C-3SB	(S)	A-370
BAFB-0122	21775-7	2-C-3SB	(S)	A-372

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BEALE AFB SITE 2: Soil Data 1988/1989
(Continued)

Field No.	Laboratory Number	Sample Description	Page
BAFB-0123	21786-2	2-C-4SB (S)	A-374
BAFB-0124	21786-3	2-C-4SB (S)	A-376
BAFB-0125	21786-4	2-C-4SB (S)	A-378
BAFB-0126	21786-5	2-C-4SB (S)	A-380
BAFB-0186	21787-4	2-C-4SB (S)	A-382
BAFB-0187	21787-5	2-C-4SB (S)	A-384
BAFB-0292	21919-2	2-C-5SB (S)	A-386
BAFB-0535	23114-2	2-C-5SB (S)	A-388
BAFB-0294	21919-4	2-C-5SB (S)	A-389
BAFB-0536	23114-3	2-C-5SB (S)	A-391
BAFB-0537	23114-4	2-C-5SB (S)	A-392
BAFB-0538	23114-5	2-C-5SB (S)	A-394
BAFB-0296	21919-6	2-C-5SB (S)	A-396
BAFB-0539	23114-6	2-C-2SB (S)	A-398
BAFB-0297	21919-7	2-C-5SB (S)	A-399
BAFB-0540	23114-7	2-C-5SB (S)	A-401
BAFB-0298	21931-2	2-C-6SB (S)	A-402
BAFB-0299	21931-3	2-C-6SB (S)	A-404
BAFB-0300	21931-4	2-C-6SB (S)	A-406
BAFB-0301	21931-5	2-C-6SB (S)	A-408
BAFB-0302	21931-6	2-C-6SB (S)	A-410
BAFB-0090	21734-2	2-C-7SB (S)	A-412
BAFB-0091	21734-3	2-C-7SB (S)	A-414
BAFB-0092	21734-4	2-C-7SB (S)	A-416
BAFB-0093	21734-5	2-C-7SB (S)	A-418
BAFB-0094	21734-6	2-C-7SB (S)	A-420
BAFB-0095	21734-7	2-C-7SB (S)	A-422
BAFB-0420	22144-2	2-C-7SB (S)	A-424
BAFB-0421	22144-3	2-C-7SB (S)	A-425
BAFB-0422	22144-4	2-C-7SB (S)	A-426
BAFB-0423	22144-5	2-C-7SB (S)	A-427

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0477	22601-2	2-C-1GW (W)	A-428
BAFB-0478	22601-3	2-C-1GW (W)	A-431
BAFB-0476	22601-1	2-C-1GW (W)	A-434
BAFB-0480	22601-4	2-C-1GW (W)	A-436
BAFB-0481	22622-1	2-A-1GW (W)	A-437
BAFB-0464	22405-1	2-R-1GW (W)	A-440
BAFB-0463	22398-3	2-R-2GW (W)	A-443
BAFB-0460	22398-2	2-R-3GW (W)	A-446
BAFB-0462	22398-1	2-R-4GW (W)	A-449

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0572	23418-1	2-C-1GW (W)	A-452
BAFB-0573	23418-2	2-C-1GW (W)	A-456
BAFB-0574	23418-3	2-C-1GW (W)	A-458
BAFB-0575	23418-4	2-C-1GW (W)	A-460
BAFB-0571	23398-2	2-A-1GW (W)	A-462
BAFB-0589	23486-1	2-R-1GW (W)	A-464
BAFB-0588	23483-1	2-R-2GW (W)	A-467
BAFB-0587	23470-1	2-R-3GW (W)	A-470
BAFB-0594	23501-1	2-R-4GW (W)	A-473

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0647	24337-2	2-C-1GW (W)	A-476
BAFB-0646	24337-1	2-A-1GW (W)	A-479
BAFB-0648	24337-3	2-R-1GW (W)	A-482
BAFB-0638	24304-3	2-R-2GW (W)	A-485
BAFB-0658	24372-3	2-R-3GW (W)	A-488
BAFB-0652	24350-7	2-R-4GW (W)	A-491
BAFB-0653	24350-8	2-R-4GW (W)	A-494
BAFB-0654	24350-5	2-R-4GW (W)	A-497
BAFB-0655	24350-6	2-R-4GW (W)	A-499

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0711	25000-3	2-C-1GW (W)	A-500
BAFB-0710	25000-2	2-A-1GW (W)	A-503
BAFB-0722	25059-1	2-R-1GW (W)	A-506
BAFB-0723	25059-2	2-R-2GW (W)	A-509
BAFB-0724	25059-3	2-R-3GW (W)	A-512
BAFB-0712	25010-1	2-R-4GW (W)	A-515

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 3: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0073	21676-2	3-C-1SS (S)	A-518
BAFB-0074	21676-3	3-C-2SS (S)	A-520
BAFB-0075	21676-4	3-C-3SS (S)	A-522
BAFB-0214	21831-2	3-C-1SB (S)	A-524
BAFB-0215	21831-3	3-C-1SB (S)	A-526
BAFB-0217	21831-4	3-C-1SB (S)	A-528
BAFB-0218	21831-5	3-C-1SB (S)	A-530
BAFB-0219	21831-6	3-C-1SB (S)	A-532
BAFB-0220	21831-7	3-C-1SB (S)	A-534
BAFB-0221	21831-8	3-C-1SB (S)	A-536
BAFB-0222	21832-4	3-C-2SB (S)	A-538
BAFB-0223	21832-5	3-C-2SB (S)	A-540
BAFB-0224	21832-6	3-C-2SB (S)	A-542
BAFB-0225	21846-6	3-C-2SB (S)	A-544
BAFB-0260	21846-7	3-C-2SB (S)	A-546
BAFB-0261	21847-2	3-C-3SB (S)	A-548
BAFB-0544	23115-5	3-C-3SB (S)	A-550
BAFB-0262	21847-3	3-C-3SB (S)	A-551
BAFB-0263	21847-4	3-C-3SB (S)	A-553
BAFB-0264	21847-5	3-C-3SB (S)	A-555
BAFB-0265	21847-6	3-C-3SB (S)	A-557
BAFB-0266	21847-7	3-C-3SB (S)	A-559
BAFB-0267	21848-8	3-C-4SB (S)	A-561
BAFB-0268	21859-2	3-C-4SB (S)	A-563
BAFB-0269	21859-3	3-C-4SB (S)	A-565
BAFB-0270	21859-4	3-C-4SB (S)	A-567
BAFB-0271	21859-5	3-C-4SB (S)	A-569
BAFB-0272	21859-6	3-C-4SB (S)	A-571
BAFB-0240	21858-2	3-C-5SB (S)	A-573
BAFB-0241	21858-3	3-C-5SB (S)	A-575
BAFB-0242	21858-4	3-C-5SB (S)	A-577
BAFB-0243	21858-5	3-C-5SB (S)	A-579
BAFB-0244	21858-6	3-C-5SB (S)	A-581
BAFB-0245	21858-7	3-C-5SB (S)	A-583
BAFB-0273	21859-7	3-C-6SB (S)	A-585
BAFB-0274	21860-2	3-C-6SB (S)	A-587
BAFB-0275	21860-3	3-C-6SB (S)	A-589
BAFB-0276	21860-4	3-C-6SB (S)	A-591
BAFB-0277	21860-5	3-C-6SB (S)	A-593
BAFB-0278	21860-6	3-C-6SB (S)	A-595
BAFB-0279	21872-2	3-C-6SB (S)	A-597
BAFB-0418	22134-1	3-C-6SB (S)	A-599
BAFB-0419	22134-2	3-C-6SB (S)	A-600
BAFB-0363	21991-10	3-C-7SB (S)	A-601
BAFB-0364	21991-11	3-C-7SB (S)	A-603
BAFB-0365	21991-12	3-C-7SB (S)	A-605
BAFB-0366	21991-15	3-C-7SB (S)	A-607

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SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 3: Soil Data 1988/1989
(Continued)

Field No.	Laboratory Number	Sample Description	Page
BAFB-0367	21991-13	3-C-7SB (S)	A-609
BAFB-0368	21991-14	3-C-7SB (S)	A-611
BAFB-0369	22002-2	3-C-8SB (S)	A-613
BAFB-0370	22002-3	3-C-8SB (S)	A-615
BAFB-0371	22002-4	3-C-8SB (S)	A-617
BAFB-0372	22002-5	3-C-8SB (S)	A-619
BAFB-0373	22002-6	3-C-8SB (S)	A-621
BAFB-0322	22067-2	3-C-9SB (S)	A-623
BAFB-0323	22067-3	3-C-9SB (S)	A-625
BAFB-0324	22067-4	3-C-9SB (S)	A-627
BAFB-0325	22067-5	3-C-9SB (S)	A-629
BAFB-0326	22067-6	3-C-9SB (S)	A-631
BAFB-0327	22067-7	3-C-9SB (S)	A-633
BAFB-0328	22079-2	3-C-10SB (S)	A-635
BAFB-0329	22079-3	3-C-10SB (S)	A-637
BAFB-0330	22079-4	3-C-10SB (S)	A-639
BAFB-0331	22080-2	3-C-10SB (S)	A-641
BAFB-0407	22080-3	3-C-10SB (S)	A-643
BAFB-0408	22080-4	3-C-10SB (S)	A-645

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0521	22906-3	3-C-1GW (W)	A-647
BAFB-0522	22906-4	3-C-1GW (W)	A-650
BAFB-0519	22906-1	3-C-1GW (W)	A-652
BAFB-0520	22906-2	3-C-1GW (W)	A-654
BAFB-0511	22848-1	3-A-1GW (W)	A-655
BAFB-0513	22870-1	3-A-2GW (W)	A-658
BAFB-0524	22906-6	3-A-3GW (W)	A-660
BAFB-0518	22890-1	3-A-4GW (W)	A-663
BAFB-0523	22906-5	3-A-5GW (W)	A-666

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0634	24265-3	3-C-1GW (W)	A-669
BAFB-0633	24265-2	3-A-1GW (W)	A-672
BAFB-0639	24313-1	3-A-2GW (W)	A-675
BAFB-0678	84797-1	3-A-2GW (W)	A-678
BAFB-0635	24272-3	3-A-3GW (W)	A-679
BAFB-0636	24304-1	3-A-4GW (W)	A-682
BAFB-0637	24304-2	3-A-5GW (W)	A-685

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 4: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0409	22110-2	4-C-1SB (S)	A-688
BAFB-0410	22110-3	4-C-1SB (S)	A-689
BAFB-0411	22124-1	4-C-1SB (S)	A-690
BAFB-0412	22124-2	4-C-1SB (S)	A-691
BAFB-0413	22124-3	4-C-1SB (S)	A-692
BAFB-0414	22124-4	4-C-1SB (S)	A-693
BAFB-0415	22124-5	4-C-1SB (S)	A-694

BEALE AFB SITE 4: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0525	22914-1	4-A-1GW (W)	A-695

BEALE AFB SITE 4: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0628	24246-1	4-A-1GW (W)	A-697

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 5: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0029	21629-1	5-C-1SS (S)	A-699
BAFB-0030	21629-2	5-C-2SS (S)	A-700
BAFB-0031	21629-3	5-C-3SS (S)	A-701
BAFB-0032	21629-4	5-C-4SS (S)	A-702
BAFB-0033	21629-5	5-C-5SS (S)	A-703
BAFB-0034	21629-6	5-C-5SS (S)	A-704
BAFB-0380	22042-2	5-C-1SB (S)	A-705
BAFB-0381	22042-3	5-C-1SB (S)	A-706
BAFB-0382	22042-4	5-C-1SB (S)	A-707
BAFB-0383	22042-5	5-C-1SB (S)	A-708
BAFB-0384	22042-6	5-C-1SB (S)	A-709
BAFB-0385	22042-7	5-C-1SB (S)	A-710
BAFB-0386	22042-8	5-C-1SB (S)	A-711
BAFB-0387	22052-2	5-C-2SB (S)	A-712
BAFB-0388	22052-3	5-C-2SB (S)	A-713
BAFB-0389	22052-4	5-C-2SB (S)	A-714
BAFB-0390	22052-5	5-C-2SB (S)	A-715
BAFB-0391	22052-6	5-C-2SB (S)	A-716
BAFB-0392	22052-7	5-C-2SB (S)	A-717
BAFB-0393	22070-2	5-C-3SB (S)	A-718
BAFB-0394	22070-3	5-C-3SB (S)	A-720
BAFB-0395	22070-4	5-C-3SB (S)	A-719
BAFB-0396	22070-5	5-C-3SB (S)	A-721
BAFB-0397	22070-6	5-C-3SB (S)	A-722
BAFB-0398	22070-7	5-C-3SB (S)	A-723
BAFB-0399	22070-8	5-C-3SB (S)	A-724
BAFB-0400	22078-2	5-C-4SB (S)	A-725
BAFB-0401	22078-3	5-C-4SB (S)	A-726
BAFB-0402	22078-4	5-C-4SB (S)	A-727
BAFB-0403	22081-2	5-C-4SB (S)	A-728
BAFB-0404	22081-3	5-C-4SB (S)	A-729
BAFB-0405	22081-4	5-C-4SB (S)	A-730

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0488	22660-1	5-C-1GW (W)	A-731
BAFB-0489	22674-1	5-A-1GW (W)	A-733
BAFB-0471	22542-1	5-C-1SW (W)	A-735
BAFB-0473	22542-3	5-C-1SW (W)	A-737
BAFB-0474	22542-4	5-C-1SW (W)	A-739
BAFB-0475	22542-5	5-C-1SW (W)	A-740
BAFB-0472	22542-2	5-C-2SW (W)	A-741

BEALE AFB SITE 5: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0626	24242-6	5-C-1GW (W)	A-743
BAFB-0627	24242-7	5-A-1GW (W)	A-745
BAFB-0650	24350-3	5-C-1SW (W)	A-747
BAFB-0649	24350-1	5-C-2SW (W)	A-749

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 6: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0087	21725-2	6-C-1SB (S)	A-751
BAFB-0088	21725-3	6-C-1SB (S)	A-753
BAFB-0089	21725-4	6-C-1SB (S)	A-755
BAFB-0177	21830-2	6-C-2SB (S)	A-757
BAFB-0178	21830-3	6-C-2SB (S)	A-759
BAFB-0179	21830-4	6-C-2SB (S)	A-761
BAFB-0180	21830-5	6-C-2SB (S)	A-763
BAFB-0226	21830-6	6-C-2SB (S)	A-765
BAFB-0227	21830-7	6-C-2SB (S)	A-767
BAFB-0164	21788-4	6-C-3SB (S)	A-769
BAFB-0165	21788-5	6-C-3SB (S)	A-771
BAFB-0166	21788-6	6-C-3SB (S)	A-773
BAFB-0167	21788-7	6-C-3SB (S)	A-775
BAFB-0168	21789-5	6-C-3SB (S)	A-777
BAFB-0169	21788-2	6-C-3SB (S)	A-779
BAFB-0170	21788-3	6-C-3SB (S)	A-781
BAFB-0228	21832-2	6-C-4SB (S)	A-783
BAFB-0229	21832-3	6-C-4SB (S)	A-785
BAFB-0230	21846-2	6-C-4SB (S)	A-787
BAFB-0231	21846-3	6-C-4SB (S)	A-789
BAFB-0232	21846-4	6-C-4SB (S)	A-791
BAFB-0233	21846-5	6-C-4SB (S)	A-793
BAFB-0171	21806-2	6-C-5SB (S)	A-795
BAFB-0172	21806-3	6-C-5SB (S)	A-797
BAFB-0173	21806-4	6-C-5SB (S)	A-799
BAFB-0174	21806-5	6-C-5SB (S)	A-801
BAFB-0175	21806-6	6-C-5SB (S)	A-803
BAFB-0176	21806-7	6-C-5SB (S)	A-805

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0504	22814-1	6-C-1GW (W)	A-807
BAFB-0505	22817-1	6-A-1GW (W)	A-810
BAFB-0506	22817-2	6-A-1GW (W)	A-812
BAFB-0507	22817-3	6-A-1GW (W)	A-813
BAFB-0532	23055-1	6-A-1GW (W)	A-816
BAFB-0508	22817-4	6-A-1GW (W)	A-817
BAFB-0533	23055-2	6-A-1GW (W)	A-820
BAFB-0509	22817-5	6-A-2GW (W)	A-821
BAFB-0483	22643-1	6-C-1SW (W)	A-824
BAFB-0484	22643-2	6-C-1SW (W)	A-827
BAFB-0485	22643-3	6-C-1SW (W)	A-830
BAFB-0486	22643-4	6-C-1SW (W)	A-832

BEALE AFB SITE 6: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0549	23324-2	6-C-1GW (W)	A-833
BAFB-0548	23324-1	6-A-1GW (W)	A-836
BAFB-0547	23306-1	6-A-2GW (W)	A-839
BAFB-0585	23468-1	6-C-1SW (W)	A-842

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 6: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0605	24158-3	6-C-1GW (W)	A-845
BAFB-0606	24185-1	6-A-1GW (W)	A-848
BAFB-0607	24185-2	6-A-2GW (W)	A-851
BAFB-0608	24185-3	6-C-1SW (W)	A-854

BEALE AFB SITE 6: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0689	24898-3	6-A-1GW (W)	A-857
BAFB-0688	24898-2	6-A-2GW (W)	A-860
BAFB-0696	24925-8	6-C-1GW (W)	A-863
BAFB-0730	25118-1	6-C-1SW (W)	A-866

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 9: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0204	21805-2	9-C-1SB (S)	A-869
BAFB-0436	22191-3	9-C-1SB (S)	A-871
BAFB-0205	21805-3	9-C-1SB (S)	A-872
BAFB-0437	22191-4	9-C-1SB (S)	A-874
BAFB-0206	21805-4	9-C-1SB (S)	A-875
BAFB-0438	22191-5	9-C-1SB (S)	A-877
BAFB-0439	22191-6	9-C-1SB (S)	A-878
BAFB-0207	21805-5	9-C-1SB (S)	A-879
BAFB-0440	22191-7	9-C-1SB (S)	A-881
BAFB-0211	21805-6	9-C-1SB (S)	A-882
BAFB-0441	22191-8	9-C-1SB (S)	A-884

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 11: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0212	21805-7	11-C-1SB (S)	A-885
BAFB-0213	21805-8	11-C-1SB (S)	A-887
BAFB-0280	21879-2	11-C-2SB (S)	A-889
BAFB-0281	21879-3	11-C-2SB (S)	A-891
BAFB-0406	22087-2	11-C-3SB (S)	A-893
BAFB-0541	23315-2	11-C-3SB (S)	A-895
BAFB-0416	22087-3	11-C-3SB (S)	A-896
BAFB-0542	23315-3	11-C-3SB (S)	A-542
BAFB-0417	22087-4	11-C-3SB (S)	A-899
BAFB-0543	23115-4	11-C-3SB (S)	A-901

BEALE AFB SITE 11: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0526	22915-1	11-A-1GW (W)	A-902

BEALE AFB SITE 11: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0620	24202-5	11-A-1GW (W)	A-904
BAFB-0621	24202-6	11-A-1GW (W)	A-906
BAFB-0618	24202-3	11-A-1GW (W)	A-908
BAFB-0619	24202-4	11-A-1GW (W)	A-909

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 13: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0106	21757-4	13-C-1SB (S)	A-911
BAFB-0107	21757-5	13-C-1SB (S)	A-913
BAFB-0108	21757-6	13-C-1SB (S)	A-915
BAFB-0111	21771-2	13-C-1SB (S)	A-917
BAFB-0113	21771-4	13-C-1SB (S)	A-919
BAFB-0252	21872-7	13-C-2SB (S)	A-921
BAFB-0424	22159-1	13-C-2SB (S)	A-923
BAFB-0254	21872-9	13-C-2SB (S)	A-924
BAFB-0426	22159-3	13-C-2SB (S)	A-926
BAFB-0255	21872-10	13-C-2SB (S)	A-927
BAFB-0427	22159-4	13-C-2SB (S)	A-929
BAFB-0428	22159-5	13-C-2SB (S)	A-930
BAFB-0256	21872-11	13-C-2SB (S)	A-931
BAFB-0429	22159-6	13-C-2SB (S)	A-933
BAFB-0257	21872-12	13-C-2SB (S)	A-934
BAFB-0430	22159-7	13-C-2SB (S)	A-936
BAFB-0258	21879-7	13-C-2SB (S)	A-937
BAFB-0246	21860-7	13-C-3SB (S)	A-939
BAFB-0247	21860-8	13-C-3SB (S)	A-941
BAFB-0248	21872-3	13-C-3SB (S)	A-943
BAFB-0431	22176-1	13-C-3SB (S)	A-945
BAFB-0249	21872-4	13-C-3SB (S)	A-946
BAFB-0432	22176-2	13-C-3SB (S)	A-948
BAFB-0433	22176-3	13-C-3SB (S)	A-949
BAFB-0250	21872-5	13-C-3SB (S)	A-950
BAFB-0434	22191-1	13-C-3SB (S)	A-952
BAFB-0251	21872-6	13-C-3SB (S)	A-953
BAFB-0435	22191-2	13-C-3SB (S)	A-955
BAFB-0303	21991-2	13-C-4SB (S)	A-956
BAFB-0305	21991-4	13-C-4SB (S)	A-958
BAFB-0306	21991-5	13-C-4SB (S)	A-960
BAFB-0307	21991-6	13-C-4SB (S)	A-962
BAFB-0309	21991-8	13-C-4SB (S)	A-964
BAFB-0310	21991-9	13-C-4SB (S)	A-966
BAFB-0259	21879-5	13-C-5SB (S)	A-968
BAFB-0287	21879-8	13-C-5SB (S)	A-970
BAFB-0288	21879-4	13-C-5SB (S)	A-972
BAFB-0289	21879-6	13-C-5SB (S)	A-974
BAFB-0290	21899-8	13-C-5SB (S)	A-976
BAFB-0534	23100-1	13-C-5SB (S)	A-978
BAFB-0291	21899-9	13-C-5SB (S)	A-979

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0467	22505-1	13-C-1GW (W)	A-981
BAFB-0501	22792-3	13-C-2GW (W)	A-984
BAFB-0529	23039-1	13-C-2GW (W)	A-986
BAFB-0500	22761-1	13-C-3GW (W)	A-987
BAFB-0459	22383-1	13-C-4GW (W)	A-989
BAFB-0470	22512-1	13-C-5GW (W)	A-1001
BAFB-0503	22792-2	13-A-1GW (W)	A-1004
BAFB-0531	23056-1	13-A-1GW (W)	A-1006
BAFB-0502	22792-1	13-A-2GW (W)	A-1007
BAFB-0530	23039-2	13-A-2GW (W)	A-1009
BAFB-0461	22383-2	13-C-1SW (W)	A-1010

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0568	23397-1	13-C-1GW (W)	A-1013
BAFB-0570	23397-2	13-C-1GW (W)	A-1016
BAFB-0567	23397-3	13-C-1GW (W)	A-1019
BAFB-0569	23397-4	13-C-1GW (W)	A-1021
BAFB-0562	23375-2	13-C-2GW (W)	A-1022
BAFB-0564	23375-4	13-C-3GW (W)	A-1025
BAFB-0561	23375-1	13-C-4GW (W)	A-1028
BAFB-0566	23397-5	13-C-5GW (W)	A-1031
BAFB-0563	23375-3	13-A-1GW (W)	A-1034
BAFB-0565	23375-5	13-A-2GW (W)	A-1037
BAFB-0590	23485-1	13-C-1SW (W)	A-1040
BAFB-0591	23485-2	13-C-1SW (W)	A-1043
BAFB-0592	23485-3	13-C-1SW (W)	A-1046
BAFB-0593	23485-4	13-C-1SW (W)	A-1048

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 13/OFFBASE WELLS: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0665	24400-2	13-C-1GW (W)	A-1049
BAFB-0664	24400-1	13-C-2GW (W)	A-1053
BAFB-0663	24387-4	13-C-3GW (W)	A-1056
BAFB-0659	24372-4	13-C-4GW (W)	A-1059
BAFB-0657	24372-2	13-C-5GW (W)	A-1062
BAFB-0662	24387-3	13-C-6GW (W)	A-1065
BAFB-0661	24387-2	13-A-1GW (W)	A-1068
BAFB-0660	24387-1	13-A-2GW (W)	A-1071
BAFB-0666	24400-3	13-C-1SW (W)	A-1074
BAFB-0672	24431-1	OB-C-3GW (W)	A-1077
BAFB-0674	24431-3	OB-C-3GW (W)	A-1078
BAFB-0673	24431-2	OB-C-4GW (W)	A-1079

BEALE AFB SITE 13/OFFBASE WELLS: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0681	24868-2	13-C-1GW (W)	A-1080
BAFB-0687	24898-1	13-C-2GW (W)	A-1083
BAFB-0683	24887-2	13-C-3GW (W)	A-1086
BAFB-0684	24887-3	13-C-3GW (W)	A-1089
BAFB-0685	24887-4	13-C-3GW (W)	A-1092
BAFB-0686	24887-5	13-C-3GW (W)	A-1094
BAFB-0703	24954-1	13-C-4GW (W)	A-1095
BAFB-0709	25000-1	13-C-5GW (W)	A-1098
BAFB-0680	24868-1	13-C-6GW (W)	A-1101
BAFB-0682	24887-1	13-A-1GW (W)	A-1104
BAFB-0702	24939-3	13-A-2GW (W)	A-1107
BAFB-0726	25088-1	13-C-1SW (W)	A-1110
BAFB-0727	25088-2	13-C-1SW (W)	A-1113
BAFB-0728	25088-3	13-C-1SW (W)	A-1116
BAFB-0729	25088-4	13-C-1SW (W)	A-1119
BAFB-0737	25184-1	OB-C-3GW (W)	A-1120
BAFB-0738	25184-2	OB-C-4GW (W)	A-1121
BAFB-0741	25189-2	OB-C-5GW (W)	A-1122

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 15: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0139	21725-5	15-C-1SB (S)	A-1123
BAFB-0140	21725-6	15-C-1SB (S)	A-1125
BAFB-0141	21725-7	15-C-1SB (S)	A-1127
BAFB-0142	21725-8	15-C-1SB (S)	A-1129
BAFB-0143	21734-8	15-C-1SB (S)	A-1131
BAFB-0184	21734-9	15-C-1SB (S)	A-1133
BAFB-0185	21734-10	15-C-1SB (S)	A-1135
BAFB-0151	21757-7	15-C-2SB (S)	A-1137
BAFB-0152	21758-2	15-C-2SB (S)	A-1139
BAFB-0153	21758-3	15-C-2SB (S)	A-1141
BAFB-0154	21758-4	15-C-2SB (S)	A-1143
BAFB-0155	21771-5	15-C-2SB (S)	A-1145
BAFB-0156	21771-6	15-C-2SB (S)	A-1147
BAFB-0145	21739-2	15-C-3SB (S)	A-1149
BAFB-0146	21739-3	15-C-3SB (S)	A-1151
BAFB-0147	21740-6	15-C-3SB (S)	A-1153
BAFB-0148	21740-7	15-C-3SB (S)	A-1155
BAFB-0149	21740-8	15-C-3SB (S)	A-1157
BAFB-0150	21740-9	15-C-3SB (S)	A-1159
BAFB-0157	21774-2	15-C-4SB (S)	A-1161
BAFB-0158	21774-3	15-C-4SB (S)	A-1163
BAFB-0159	21774-4	15-C-4SB (S)	A-1165
BAFB-0160	21774-5	15-C-4SB (S)	A-1167
BAFB-0161	21775-8	15-C-4SB (S)	A-1169
BAFB-0162	21787-2	15-C-4SB (S)	A-1170
BAFB-0163	21787-3	15-C-4SB (S)	A-1172
BAFB-0082	21717-2	15-C-5SB (S)	A-1174
BAFB-0083	21717-3	15-C-5SB (S)	A-1176
BAFB-0084	21717-4	15-C-5SB (S)	A-1178
BAFB-0085	21717-5	15-C-5SB (S)	A-1180
BAFB-0086	21717-6	15-C-5SB (S)	A-1182

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 15: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0515	22871-3	15-A-1GW (W)	A-1184
BAFB-0514	22871-2	15-A-2GW (W)	A-1187
BAFB-0512	22871-1	15-A-3GW (W)	A-1190
BAFB-0510	22849-1	15-A-4GW (W)	A-1193

BEALE AFB SITE 15: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0553	23325-4	15-A-1GW (W)	A-1196
BAFB-0550	23325-1	15-A-2GW (W)	A-1199
BAFB-0551	23325-2	15-A-3GW (W)	A-1202
BAFB-0552	23325-3	15-A-4GW (W)	A-1205

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0609	24185-4	15-A-1GW (W)	A-1208
BAFB-0612	24185-7	15-A-2GW (W)	A-1211
BAFB-0613	24185-8	15-A-2GW (W)	A-1214
BAFB-0611	24185-6	15-A-2GW (W)	A-1217
BAFB-0610	24185-5	15-A-2GW (W)	A-1219
BAFB-0615	24191-2	15-A-3GW (W)	A-1220
BAFB-0614	24191-1	15-A-4GW (W)	A-1223

BEALE AFB SITE 15: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0695	24925-7	15-A-1GW (W)	A-1226
BAFB-0694	24925-6	15-A-2GW (W)	A-1229
BAFB-0697	24925-9	15-A-3GW (W)	A-1232
BAFB-0700	24939-1	15-A-4GW (W)	A-1235

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 15: Air and Landfill Gas Analyses

Field No.	Laboratory Number	Sample Description	Page
N/A	90875	15-C-IAAS	A-1238
N/A	90805	15-C-15VW	A-1240

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 16: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0076	21676-5	16-C-1SS (S)	A-1242
BAFB-0077	21676-6	16-C-2SS (S)	A-1244
BAFB-0078	21677-2	16-C-3SS (S)	A-1246

BEALE AFB SITE 16: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0490	22683-1	16-C-1GW (W)	A-1248
BAFB-0527	22683-1	16-C-1GW (W)	A-1251

BEALE AFB SITE 16: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0577	23442-2	16-C-1GW (W)	A-1252

BEALE AFB SITE 16: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0656	24372-1	16-C-1GW (W)	A-1255

BEALE AFB SITE 16: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0690	24925-2	16-C-1GW (W)	A-1258
BAFB-0691	24925-3	16-C-1GW (W)	A-1261
BAFB-0692	24925-4	16-C-1GW (W)	A-1264
BAFB-0693	24925-5	16-C-1GW (W)	A-1267

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 18: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description		Page
BAFB-0001	21582-1	18-C-1SS	(S)	A-1268
BAFB-0002	21582-2	18-C-2SS	(S)	A-1270
BAFB-0003	21582-3	18-C-3SS	(S)	A-1272
BAFB-0004	21582-4	18-C-4SS	(S)	A-1274
BAFB-0005	21621-1	18-C-5SS	(S)	A-1276
BAFB-0006	21621-2	18-C-6SS	(S)	A-1278
BAFB-0007	21621-3	18-C-7SS	(S)	A-1280
BAFB-0008	21621-4	18-C-8SS	(S)	A-1282
BAFB-0009	21621-5	18-C-9SS	(S)	A-1284
BAFB-0010	21621-6	18-C-10SS	(S)	A-1286
BAFB-0011	21621-7	18-C-10SS	(S)	A-1288
BAFB-0012	21621-8	18-C-11SS	(S)	A-1289
BAFB-0013	21621-9	18-C-12SS	(S)	A-1291
BAFB-0014	21621-10	18-C-13SS	(S)	A-1293
BAFB-0015	21621-11	18-C-14SS	(S)	A-1295
BAFB-0016	21621-12	18-C-15SS	(S)	A-1297
BAFB-0017	21621-13	18-C-16SS	(S)	A-1299
BAFB-0018	21621-14	18-C-17SS	(S)	A-1301
BAFB-0019	21621-15	18-C-18SS	(S)	A-1303
BAFB-0020	21621-16	18-C-19SS	(S)	A-1305
BAFB-0021	21621-17	18-C-20SS	(S)	A-1307
BAFB-0022	21621-18	18-C-20SS	(S)	A-1309
BAFB-0024	21621-20	18-C-21SS	(S)	A-1311
BAFB-0025	21621-21	18-C-22SS	(S)	A-1313
BAFB-0026	21621-22	18-C-23SS	(S)	A-1315
BAFB-0027	21621-23	18-C-24SS	(S)	A-1317
BAFB-0028	21621-24	18-C-25SS	(S)	A-1319
BAFB-0040	21645-1	18-C-26SS	(S)	A-1321
BAFB-0041	21645-2	18-C-27SS	(S)	A-1323
BAFB-0042	21645-3	18-C-28SS	(S)	A-1325
BAFB-0043	21645-4	18-C-29SS	(S)	A-1327
BAFB-0044	21656-1	18-C-29SS	(S)	A-1329
BAFB-0046	21656-3	18-C-30SS	(S)	A-1331
BAFB-0047	21656-4	18-C-31SS	(S)	A-1333
BAFB-0048	21656-5	18-C-32SS	(S)	A-1335
BAFB-0049	21656-6	18-C-33SS	(S)	A-1337
BAFB-0050	21654-1	18-C-34SS	(S)	A-1339
BAFB-0051	21654-2	18-C-35SS	(S)	A-1341
BAFB-0052	21654-3	18-C-36SS	(S)	A-1343
BAFB-0353	21979-2	18-C-1SB	(S)	A-1345
BAFB-0354	21979-3	18-C-1SB	(S)	A-1347

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SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 18: Soil Data 1988/1989
(Continued)

Field No.	Laboratory Number	Sample Description	Page
BAFB-0355	21979-4	18-C-1SB (S)	A-1349
BAFB-0356	21979-5	18-C-1SB (S)	A-1351
BAFB-0357	21979-6	18-C-2SB (S)	A-1353
BAFB-0358	21979-7	18-C-2SB (S)	A-1355
BAFB-0359	21979-8	18-C-2SB (S)	A-1357
BAFB-0360	21979-9	18-C-3SB (S)	A-1359
BAFB-0361	21979-10	18-C-3SB (S)	A-1361
BAFB-0362	21979-11	18-C-3SB (S)	A-1363

BEALE AFB SITE 18: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0452	22345-2	18-C-1GW (W)	A-1365
BAFB-0448	22333-2	18-C-2GW (W)	A-1367

BEALE AFB SITE 18: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0616	24191-3	18-C-1GW (W)	A-1369
BAFB-0617	24202-2	18-C-2GW (W)	A-1371

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 19: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0079	21677-3	19-C-1SS (S)	A-1373
BAFB-0080	21677-4	19-C-1SS (S)	A-1375
BAFB-0081	21677-5	19-C-1SS (S)	A-1377
BAFB-0144	21733-2	19-C-2SS (S)	A-1379
BAFB-0181	21733-3	19-C-2SS (S)	A-1381
BAFB-0182	21733-4	19-C-3SS (S)	A-1383
BAFB-0183	21733-5	19-C-3SS (S)	A-1385
BAFB-0188	21788-8	19-C-1SB (S)	A-1387
BAFB-0189	21788-9	19-C-1SB (S)	A-1389
BAFB-0208	21789-2	19-C-1SB (S)	A-1391
BAFB-0209	21789-3	19-C-1SB (S)	A-1393
BAFB-0210	21789-4	19-C-1SB (S)	A-1395
BAFB-0234	21848-2	19-C-2SB (S)	A-1397
BAFB-0235	21848-3	19-C-2SB (S)	A-1399
BAFB-0236	21848-4	19-C-2SB (S)	A-1401
BAFB-0237	21848-5	19-C-2SB (S)	A-1403
BAFB-0238	21848-6	19-C-2SB (S)	A-1405
BAFB-0239	21848-7	19-C-2SB (S)	A-1407
BAFB-0311	22002-7	19-C-3SB (S)	A-1409
BAFB-0312	22002-8	19-C-3SB (S)	A-1411
BAFB-0313	22002-9	19-C-3SB (S)	A-1413
BAFB-0314	22002-10	19-C-3SB (S)	A-1415
BAFB-0315	22002-11	19-C-3SB (S)	A-1417

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 19: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0479	22455-1	19-C-1GW (W)	A-1419
BAFB-0528	23041-1	19-C-1GW (W)	A-1422
BAFB-0517	22891-1	19-C-2GW (W)	A-1423
BAFB-0516	22891-2	19-C-3GW (W)	A-1426
BAFB-0487	22644-1	19-C-1SW (W)	A-1429

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0579	23443-3	19-C-1GW (W)	A-1432
BAFB-0578	23443-2	19-C-2GW (W)	A-1435
BAFB-0580	23454-1	19-C-3GW (W)	A-1438
BAFB-0581	23454-2	19-C-3GW (W)	A-1441
BAFB-0582	23454-3	19-C-3GW (W)	A-1444
BAFB-0583	23454-4	19-C-3GW (W)	A-1446
BAFB-0584	23454-5	19-C-4GW (W)	A-1447
BAFB-0595	23500-1	19-C-1SW (W)	A-1450
BAFB-0596	23500-2	19-C-1SW (W)	A-1453
BAFB-0597	23500-3	19-C-1SW (W)	A-1456
BAFB-0598	23500-4	19-C-1SW (W)	A-1458

BEALE AFB SITE 19: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0631	24265-1	19-C-1GW (W)	A-1459
BAFB-0629	24246-2	19-C-2GW (W)	A-1452
BAFB-0630	24246-3	19-C-3GW (W)	A-1455
BAFB-0632	24272-2	19-C-4GW (W)	A-1458
BAFB-0651	24350-4	19-C-1SW (W)	A-1461

BEALE AFB SITE 19: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0699	24934-1	19-C-1GW (W)	A-1464
BAFB-0701	24939-2	19-C-2GW (W)	A-1467
BAFB-0698	24925-10	19-C-3GW (W)	A-1470
BAFB-0725	25059-4	19-C-4GW (W)	A-1473
BAFB-0731	25118-2	19-C-1SW (W)	A-1476

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 20: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0054	21654-5	20-C-1SS (S)	A-1479
BAFB-0055	21654-6	20-C-2SS (S)	A-1481
BAFB-0056	21654-7	20-C-3SS (S)	A-1483
BAFB-0317	22053-3	20-C-1SB (S)	A-1485
BAFB-0318	22053-4	20-C-1SB (S)	A-1487
BAFB-0319	22053-5	20-C-1SB (S)	A-1489
BAFB-0320	22053-6	20-C-1SB (S)	A-1491
BAFB-0321	22053-7	20-C-1SB (S)	A-1493

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 21: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0035	21629-7	21-C-1SS (S)	A-1495
BAFB-0036	21629-8	21-C-2SS (S)	A-1496
BAFB-0037	21629-9	21-C-3SS (S)	A-1497
BAFB-0038	21629-10	21-C-4SS (S)	A-1498
BAFB-0039	21629-11	21-C-5SS (S)	A-1499

BEALE AFB SITE 21: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0482	22659-1	21-C-1GW (W)	A-1500

BEALE AFB SITE 21: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0624	24242-4	21-C-1GW (W)	A-1502
BAFB-0625	24242-5	21-C-1GW (W)	A-1504
BAFB-0623	24242-3	21-C-1GW (W)	A-1506
BAFB-0622	24242-2	21-C-1GW (W)	A-1507

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 23: Soil Data 1988/1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0338	21920-7	23-C-1SB (S)	A-1508
BAFB-0339	21920-8	23-C-1SB (S)	A-1510
BAFB-0340	21920-9	23-C-1SB (S)	A-1512
BAFB-0341	21920-10	23-C-1SB (S)	A-1514
BAFB-0342	21920-11	23-C-1SB (S)	A-1515
BAFB-0343	21920-12	23-C-1SB (S)	A-1517
BAFB-0333	21920-2	23-C-2SB (S)	A-1519
BAFB-0374	22020-2	23-C-2SB (S)	A-1520
BAFB-0334	21920-3	23-C-2SB (S)	A-1521
BAFB-0375	22020-3	23-C-2SB (S)	A-1522
BAFB-0335	21920-4	23-C-2SB (S)	A-1523
BAFB-0376	22020-4	23-C-2SB (S)	A-1524
BAFB-0377	22020-5	23-C-2SB (S)	A-1525
BAFB-0336	21920-5	23-C-2SB (S)	A-1526
BAFB-0378	22020-6	23-C-2SB (S)	A-1527
BAFB-0337	21920-6	23-C-2SB (S)	A-1528
BAFB-0379	22020-7	23-C-2SB (S)	A-1529
BAFB-0282	21899-2	23-C-3SB (S)	A-1530
BAFB-0283	21899-3	23-C-3SB (S)	A-1532
BAFB-0284	21899-4	23-C-3SB (S)	A-1533
BAFB-0285	21899-5	23-C-3SB (S)	A-1535
BAFB-0286	21899-6	23-C-3SB (S)	A-1537
BAFB-0332	21899-7	23-C-3SB (S)	A-1539
BAFB-0344	21930-2	23-C-4SB (S)	A-1541
BAFB-0345	21930-3	23-C-4SB (S)	A-1542
BAFB-0346	21930-4	23-C-4SB (S)	A-1544
BAFB-0347	21930-5	23-C-4SB (S)	A-1546
BAFB-0348	21930-6	23-C-4SB (S)	A-1548

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB SITE 23: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0454	22375-3	23-C-1GW (W)	A-1550
BAFB-0455	22382-1	23-C-1GW (W)	A-1552
BAFB-0456	22375-2	23-C-1GW (W)	A-1554
BAFB-0457	22382-2	23-C-1GW (W)	A-1555

BEALE AFB SITE 23: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0718	25020-5	23-C-1GW (W)	A-1556
BAFB-0719	25020-6	23-C-1GW (W)	A-1558
BAFB-0720	25020-7	23-C-1GW (W)	A-1560
BAFB-0721	25020-8	23-C-1GW (W)	A-1562

SAMPLE IDENTIFICATION CROSS-REFERENCE

BEALE AFB BACKGROUND WELLS: Water Data 1st Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0468	22445-1	BG-C-1GW (W)	A-1563
BAFB-0458	22382-3	BG-C-2GW (W)	A-1566

BEALE AFB BACKGROUND WELLS: Water Data 2nd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0555	23358-1	BG-C-1GW (W)	A-1569
BAFB-0554	23358-2	BG-C-2GW (W)	A-1572

BEALE AFB BACKGROUND WELLS: Water Data 3rd Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0604	24158-2	BG-C-1GW (W)	A-1575
BAFB-0603	24158-1	BG-C-2GW (W)	A-1578

BEALE AFB BACKGROUND WELLS: Water Data 4th Round Sampling 1989

Field No.	Laboratory Number	Sample Description	Page
BAFB-0717	25020-4	BG-C-2GW (W)	A-1581
BAFB-0716	25020-3	BG-C-2GW (W)	A-1582
BAFB-0714	25020-1	BG-C-2GW (W)	A-1584
BAFB-0715	25020-2	BG-2-2GW (W)	A-1587

ANALYTICAL DETECTION AND QUANTIFICATION LIMITS

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Matrix: Soil

Method Number	Analyte	Units	Detection Limit	Quantitation Limit
ASA#9	Percent Moisture	%	N/A	N/A
SW1010	Ignitability	Y/N	N/A	N/A
SW7471	Mercury	mg/kg	0.060	0.060
SW9010	Cyanide	mg/kg	0.10	0.10
SW9045	Soil pH	N/A	N/A	N/A
SW9071	Oil and Grease	mg/kg	50	50
CA Method	TFH-Diesel	mg/kg	1.0	1.0
CA Method	TFH-Gas	mg/kg	1.0	1.0

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Test Method: SW6010: ICP METALS
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
Aluminum	20.0	20.0
Antimony	30.0	30.0
Arsenic	30.0	30.0
Barium	10.0	10.0
Beryllium	0.50	0.50
Cadmium	1.0	1.0
Calcium	100	100
Chromium	3.0	3.0
Cobalt	4.0	4.0
Copper	3.0	3.0
Iron	10.0	10.0
Lead	20.0	20.0
Magnesium	100	100
Manganese	1.5	1.5
Molybdenum	4.0	4.0
Nickel	4.0	4.0
Potassium	200	200
Selenium	40.0	40.0
Silver	3.0	3.0
Sodium	100	100
Thallium	50.0	50.0
Vanadium	4.0	4.0
Zinc	2.0	2.0

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Test Method: SW8080: PESTICIDES AND PCBS
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
alpha-BHC	0.01	10
beta-BHC	0.01	10
gamma-BHC (Lindane)	0.01	10
delta-BHC	0.01	10
Heptachlor	0.01	10
Aldrin	0.01	10
Heptachlor epoxide	0.01	10
Endosulfan I	0.01	10
Dieldrin	0.02	20
4,4'-DDE	0.02	20
Endrin	0.02	20
Endosulfan II	0.02	20
4,4'-DDD	0.02	20
Endosulfan sulfate	0.02	20
4,4'-DDT	0.02	20
Endrin ketone	0.02	20
Methoxychlor	0.08	80
Chlordane	0.1	100
Toxaphene	0.2	200
AROCLOR-1016	0.1	100
AROCLOR-1221	0.1	100
AROCLOR-1232	0.1	100
AROCLOR-1242	0.1	100
AROCLOR-1248	0.1	100
AROCLOR-1254	0.2	200
AROCLOR-1260	0.2	200

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE : Soil Data 1988/1989

Test Method: SW8150: HERBICIDES
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
2,4-D	0.8	0.8
2,4,5-T	0.1	0.1
Silvex	0.1	0.1

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Test Method: SW8240: VOLATILE ORGANICS
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
Chloromethane	0.010	0.010
Bromomethane	0.010	0.010
Vinyl chloride	0.010	0.010
Chloroethane	0.010	0.010
Methylene chloride	0.005	0.005
Acetone	0.010	0.010
Carbon disulfide	0.005	0.005
1,1-Dichloroethene	0.005	0.005
1,1-Dichloroethane	0.005	0.005
trans-1,2,-Dichloroethene	0.005	0.005
Chloroform	0.005	0.005
1,2-Dichloroethane	0.005	0.005
2-Butanone	0.000	0.010
1,1,1-Trichloroethane	0.005	0.005
Carbon tetrachloride	0.005	0.005
Vinyl acetate	0.010	0.010
Bromodichloromethane	0.005	0.005
1,2-Dichloropropane	0.005	0.005
cis-1,3-Dichloropropene	0.005	0.005
Trichloroethene	0.005	0.005
Dibromochloromethane	0.005	0.005
1,1,2-Trichloroethane	0.005	0.005
Benzene	0.005	0.005
trans-1,3-Dichloropropene	0.005	0.005
2-Chloroethylvinyl ether	0.010	0.010
Bromoform	0.005	0.005
4-Methyl-2-pentanone	0.010	0.010
2-Hexanone	0.010	0.010
1,1,2,2-Tetrachloroethane	0.005	0.005
Tetrachloroethene	0.005	0.005
Toluene	0.005	0.005
Chlorobenzene	0.005	0.005
Ethylbenzene	0.005	0.005
Styrene	0.005	0.005
Xylenes (o+m)	0.005	0.005
Xylene (p)	0.005	0.005
1,2-dichloroethane-d4 (SS)	N/A	N/A
toluene-d8 (SS)	N/A	N/A
1,4-bromofluorobenzene (SS)	N/A	N/A

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Test Method: SW8270: SEMI-VOLATILE ORGANICS
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
N-nitrosodimethylamine	.33	.33
Phenol	.33	.33
Aniline	.33	.33
bis(2-Chloroethyl)ether	.33	.33
2-Chlorophenol	.33	.33
1,3-Dichlorobenzene	.33	.33
1,4-Dichlorobenzene	.33	.33
Benzyl alcohol	.33	.33
1,2-Dichlorobenzene	.33	.33
2-Methylphenol	.33	.33
bis(2-Chloroisopropyl)ether	.33	.33
4-Methylphenol	.33	.33
N-nitroso-di-n-propylamine	.33	.33
Hexachloroethane	.33	.33
Nitrobenzene	.33	.33
Isophorone	.33	.33
2-Nitrophenol	.33	.33
2,4-Dimethylphenol	.33	.33
Benzoic acid	1.60	1.60
bis(2-Chloroethoxy)methane	.33	.33
2,4-Dichlorophenol	.33	.33
1,2,4-Trichlorobenzene	.33	.33
Naphthalene	.33	.33
4-Chloroaniline	.33	.33
Hexachlorobutadiene	.33	.33
4-Chloro-3-methylphenol	.33	.33
2-Methylnaphthalene	.33	.33
Hexachlorocyclopentadiene	.33	.33
2,4,6-Trichlorophenol	.33	.33
2,4,5-Trichlorophenol	1.60	1.60
2-Chloronaphthalene	.33	.33
2-Nitroaniline	1.60	1.60
Dimethyl phthalate	.33	.33
Acenaphthylene	.33	.33
3-Nitroaniline	1.60	1.60
Acenaphthene	.33	.33
2,4-Dinitrophenol	1.60	1.60
4-Nitrophenol	1.60	1.60
Dibenzofuran	.33	.33
2,4-Dinitrotoluene	.33	.33

(continued on next page)

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989
(Continued)

Test Method: SW8270: SEMI-VOLATILE ORGANICS
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
2,6-Dinitrotoluene	.33	.33
Diethyl phthalate	.33	.33
4-Chlorophenyl-phenyl ether	.33	.33
Fluorene	.33	.33
4-Nitroaniline	1.60	1.60
4,6-Dinitro-2-methylphenol	1.60	1.60
N-Nitrosodiphenylamine (1)	.33	.33
4-Bromophenyl-phenylether	.33	.33
Hexachlorobenzene	.33	.33
Pentachlorophenol	1.60	1.60
Phenanthrene	.33	.33
Anthracene	.33	.33
Di-n-butyl phthalate	.33	.33
Fluoranthene	.33	.33
Benzidine	1.60	.66
Pyrene	.33	.33
Butyl benzyl phthalate	.33	.33
3,3'-Dichlorobenzidene	.66	.66
Benzo(a)anthracene	.33	.33
bis(2-Ethylhexyl)phthalate	.33	.33
Chrysene	.33	.33
Di-n-octylphthalate	.33	.33
Benzo(b)fluoranthene	.33	.33
Benzo(k)fluoranthene	.33	.33
Benzo(a)pyrene	.33	.33
Indeno(1,2,3-cd)pyrene	.33	.33
Dibenz(a,h)anthracene	.33	.33
Benzo(g,h,i)perylene	.33	.33
2-fluorophenol (SS)	N/A	N/A
phenol-d5 (SS)	N/A	N/A
nitrobenzene-d5 (SS)	N/A	N/A
2-fluorobiphenyl (SS)	N/A	N/A
2,4,6-tribromophenol (SS)	N/A	N/A
p-terphenyl-d14 (SS)	N/A	N/A

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Test Method: SW8280: DIOXINS, FURANS (PCDFS)
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
Tetra Furans (total)	Detection limits are sample specific and were not calculated.	
Penta Furans (total)		
Hexa Furans (total)		
Hepta Furans (total)		
Octa Furans (total)		
Tetra Dioxins (total)		
Penta Dioxins (total)		
Hexa Dioxins (total)		
Hepta Dioxins (total)		
Octa Dioxins (total)		

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Soil Data 1988/1989

Test Method: USA4B: EXPLOSIVES
Units : mg/kg
Matrix: Soil

Analyte	Detection Limit	Quantitation Limit
Nitrobenzene	0.010	0.010
2,4-Dinitrotoluene	0.010	0.010
2,6-Dinitrotoluene	0.010	0.010
1,3,5-Trinitrobenzene	0.010	0.010
TNT	0.010	0.010
RDX	0.010	0.010
HMX	0.010	0.010

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Matrix: Water

Method Number	Analyte	Units	Detection Limit	Quantitation Limit
E150.1	Water pH	N/A	N/A	N/A
E160.1	Total Disolved Solids	mg/l	3.0	3.0
E325.3	Chloride	mg/l	1.0	1.0
E340.2	Fluoride	mg/l	0.05	0.05
E353.3	Nitrate + Nitrite	mg/l	0.05	0.05
E375.4	Sulfate	mg/l	1.0	1.0
E410.4	Chemical Oxygen Demand (COD)	mg/l	7.0	7.0
SW7060	Arsenic	mg/l	0.005	0.005
SW7421	Lead	mg/l	0.005	0.005
SW7471	Mercury	mg/l	0.0005	0.0005
SW7740	Selenium	mg/l	0.005	0.005
SW9010	Cyanide	mg/l	0.010	0.010
CA Method	TFH-Diesel	mg/l	0.050	0.050
CA Method	TFH-Gas	mg/l	0.10	0.10

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Test Method: SW6010: ICP METALS
Units : mg/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
Aluminum	0.2	200
Antimony	0.3	300
Arsenic	0.3	300
Barium	0.1	100
Beryllium	0.005	5.0
Cadmium	0.01	10.0
Calcium	1.0	1000
Chromium	0.03	30.0
Cobalt	0.04	40.0
Copper	0.03	30.0
Iron	0.1	100
Lead	0.2	200
Magnesium	1.0	1000
Manganese	0.015	15.0
Molybdenum	0.4	40.0
Nickel	0.4	40.0
Potassium	1.0	1000
Selenium	0.4	400
Silver	0.03	30.0
Sodium	1.0	1000
Thallium	0.5	500
Vanadium	0.04	40.0
Zinc	0.02	20.0

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Test Method: SW8010: PURGEABLE HALOCARBONS
Units : ug/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
Chloromethane	1	1
Bromomethane	1	1
Dichlorodifluoromethane	1	1
Vinyl chloride	1	1
Chloroethane	1	1
Methylene chloride	5	5
Trichlorofluoromethane	1	1
1,1-Dichloroethene	1	1
1,1-Dichloroethane	1	1
trans-1,2,-Dichloroethene	1	1
Chloroform	1	1
1,2-Dichloroethane	1	1
1,1,1-Trichloroethane	1	1
Carbon tetrachloride	1	1
Bromodichloromethane	1	1
1,2-Dichloropropane	1	1
cis-1,3-Dichloropropene	1	1
Trichloroethene	1	1
Dibromochloromethane	1	1
1,1,2-Trichloroethane	1	1
trans-1,3-Dichloropropene	1	1
Bromoform	1	1
1,1,2,2-Tetrachloroethane	1	1
Tetrachloroethene	1	1
Chlorobenzene	1	1
1,3-Dichlorobenzene	1	1
1,2-Dichlorobenzene	1	1
1,4-Dichlorobenzene	1	1
bromochloromethane (SS)	N/A	N/A

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Test Method: SW8020: PURGEABLE AROMATICS
Units : ug/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
tert-Butylmethylether	1	1
Benzene	1	1
Toluene	1	1
Chlorobenzene	1	1
Ethylbenzene	1	1
meta-Xylene	1	1
o&p-Xylene	1	1
1,3-Dichlorobenzene	1	1
1,2-Dichlorobenzene	1	1
1,4-Dichlorobenzene	1	1
trifluorotoluene (SS)	N/A	N/A

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Test Method: SW8270: SEMI-VOLATILE ORGANICS
Units : ug/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
N-nitrosodimethylamine	10	10
Phenol	10	10
Aniline	10	10
bis(2-Chloroethyl)ether	10	10
2-Chlorophenol	10	10
1,3-Dichlorobenzene	10	10
1,4-Dichlorobenzene	10	10
Benzyl alcohol	10	10
1,2-Dichlorobenzene	10	10
2-Methylphenol	10	10
bis(2-Chloroisopropyl)ether	10	10
4-Methylphenol	10	10
N-nitroso-di-n-propylamine	10	10
Hexachloroethane	10	10
Nitrobenzene	10	10
Isophorone	10	10
2-Nitrophenol	10	10
2,4-Dimethylphenol	10	10
Benzoic acid	50	50
bis(2-Chloroethoxy)methane	10	10
2,4-Dichlorophenol	10	10
1,2,4-Trichlorobenzene	10	10
Naphthalene	10	10
4-Chloroaniline	10	10
Hexachlorobutadiene	10	10
4-Chloro-3-methylphenol	10	10
2-Methylnaphthalene	10	10
Hexachlorocyclopentadiene	10	10
2,4,6-Trichlorophenol	10	10
2,4,5-Trichlorophenol	50	50
2-Chloronaphthalene	10	10
2-Nitroaniline	50	50
Dimethyl phthalate	10	10
Acenaphthylene	10	10
2,6-Dinitrotoluene	10	10
3-Nitroaniline	50	50
Acenaphthene	10	10
2,4-Dinitrophenol	50	50
4-Nitrophenol	50	50
Dibenzofuran	10	10
2,4-Dinitrotoluene	10	10
Diethyl phthalate	10	10

(continued on next page)

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989
(Continued)

Test Method: SW8270: SEMI-VOLATILE ORGANICS
Units : ug/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
4-Chlorophenyl-phenyl ether	10	10
Fluorene	10	10
4-Nitroaniline	50	50
4,6-Dinitro-2-methylphenol	50	50
N-nitrosodiphenylamine (1)	10	10
1,2-Diphenylhydrazine	10	10
4-Bromophenyl-phenylether	10	10
Hexachlorobenzene	10	10
Pentachlorophenol	10	10
Phenanthrene	10	10
Anthracene	10	10
Di-n-butylphthalate	10	10
Fluoranthene	10	10
Pyrene	10	10
Butyl benzyl phthalate	10	10
3,3'-Dichlorobenzidene	20	20
Benzo(a)anthracene	10	10
Chrysene	10	10
bis(2-Ethylhexyl)phthalate	10	10
Di-n-octylphthalate	10	10
Benzo(b)fluoranthene	10	10
Benzo(k)fluoranthene	10	10
Benzo(a)pyrene	10	10
Indeno(1,2,3-cd)pyrene	10	10
Dibenz(a,h)anthracene	10	10
Benzo(g,h,i)perylene	10	10
nitrobenzene-d5 (SS)	N/A	N/A
2-fluorobiphenyl (SS)	N/A	N/A
p-terphenyl-d14 (SS)	N/A	N/A
phenol-d5 (SS)	N/A	N/A
2-fluorophenol (SS)	N/A	N/A
2,4,6-tribromophenol (SS)	N/A	N/A

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Test Method: SW8280: DIOXINS, FURANS (PCDFS)
Units : ug/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
Tetra Furans (total)	Detection limits are sample specific and were not calculated.	
Penta Furans (total)		
Hexa Furans (total)		
Hepta Furans (total)		
Octa Furans (total)		
Tetra Dioxins (total)		
Penta Dioxins (total)		
Hexa Dioxins (total)		
Hepta Dioxins (total)		
Octa Dioxins (total)		

ANALYTICAL DETECTION AND QUANTITATION LIMITS

BEALE AFB: Water Data 1st Round Sampling 1989

Test Method: USGS01: EXPLOSIVES
Units : ug/l
Matrix: Water

Analyte	Detection Limit	Quantitation Limit
TNT	0.01	0.01
RDX	0.01	0.01
Picric acid	0.01	0.01

SUMMARY OF EXTRACTION AND ANALYSIS DATES

(BY SITE)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date
BAFB0127	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/14/88	NT	NT	12/07/88	12/27/88
BAFB0128	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/14/88	12/08/88	01/07/89	12/07/88	12/27/88
BAFB0129	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/14/88	12/08/88	01/10/89	12/07/88	12/27/88
BAFB0130	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/14/88	12/08/88	01/10/89	12/07/88	12/27/88
BAFB0131	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/14/88	12/08/88	01/10/89	12/07/88	12/27/88
BAFB0132	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/14/88	12/08/88	01/10/89	12/07/88	12/27/88
BAFB0133	12/01/88	NA	12/08/88	NA	12/14/88	NA	12/07/88	12/08/88	01/13/89	12/07/88	12/30/88
BAFB0134	12/01/88	NA	12/08/88	NA	12/14/88	NA	12/07/88	12/08/88	01/13/89	12/07/88	12/30/88
BAFB0135	12/01/88	NA	12/08/88	NA	12/14/88	NA	12/07/88	12/08/88	01/13/89	12/07/88	12/30/88
BAFB0136	12/01/88	NA	12/08/88	NA	12/14/88	NA	12/07/88	12/08/88	01/13/89	12/07/88	12/30/88
BAFB0137	12/01/88	NA	12/08/88	NA	12/14/88	NA	12/07/88	12/08/88	01/13/89	12/07/88	12/30/88
BAFB0138	12/01/88	NA	12/08/88	NA	12/14/88	NA	12/07/88	12/08/88	01/13/89	12/07/88	12/30/88
BAFB0190	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/20/88	12/20/88	01/25/89	12/21/88	01/20/89
BAFB0191	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/20/88	12/20/88	01/25/89	12/21/88	01/20/89
BAFB0192	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/20/88	12/20/88	01/25/89	12/21/88	01/20/89
BAFB0193	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/20/88	01/25/89	12/21/88	01/20/89
BAFB0194	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/21/88	01/20/89
BAFB0195	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/21/88	01/20/89
BAFB0196	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/21/88	01/20/89
BAFB0197	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/21/88	01/20/89
BAFB0198	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/21/88	01/20/89
BAFB0199	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/23/89	12/21/88	01/20/89
BAFB0200	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/23/89	12/21/88	01/20/89
BAFB0201	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/22/88	01/21/89
BAFB0202	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/22/88	01/21/89
BAFB0203	12/08/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/22/89	12/22/88	01/21/89

(summary of extraction and analysis dates for Site 1 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1
(Continued)

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0127	11/30/88	NA	12/08/88
BAFB0128	11/30/88	NA	12/08/88
BAFB0129	11/30/88	NA	12/08/88
BAFB0130	11/30/88	NA	12/08/88
BAFB0131	11/30/88	NA	12/08/88
BAFB0132	11/30/88	NA	12/08/88
BAFB0133	12/01/88	NA	12/09/88
BAFB0134	12/01/88	NA	12/09/88
BAFB0135	12/01/88	NA	12/09/88
BAFB0136	12/01/88	NA	12/09/88
BAFB0137	12/01/88	NA	12/09/88
BAFB0138	12/01/88	NA	12/09/88
BAFB0190	12/08/88	NA	12/20/88
BAFB0191	12/08/88	NA	12/20/88
BAFB0192	12/08/88	NA	12/21/88
BAFB0193	12/08/88	NA	12/21/88
BAFB0194	12/08/88	NA	12/21/88
BAFB0195	12/08/88	NA	12/21/88
BAFB0196	12/08/88	NA	12/21/88
BAFB0197	12/08/88	NA	12/21/88
BAFB0198	12/08/88	NA	12/21/88
BAFB0199	12/08/88	NA	12/21/88
BAFB0200	12/08/88	NA	12/21/88
BAFB0201	12/08/88	NA	12/21/88
BAFB0202	12/08/88	NA	12/21/88
BAFB0203	12/08/88	NA	12/21/88

(summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0442	02/21/89	NA	02/27/89	NA	03/14/89	NA	03/02/89	NA	03/08/89	NA	03/15/89
BAFB0443	02/21/89	NA	02/27/89	NA	03/14/89	NA	03/02/89	NA	03/08/89	NA	03/15/89
BAFB0444	02/21/89	NA	02/27/89	NA	03/14/89	NA	03/02/89	NA	03/08/89	NA	03/15/89
BAFB0445	02/21/89	NA	02/27/89	NA	03/14/89	NA	03/02/89	NA	03/08/89	NA	03/15/89
BAFB0446	02/22/89	NA	03/01/89	NA	03/14/89	NA	03/02/89	NA	03/16/89	NA	03/15/89
BAFB0447	02/22/89	NA	03/01/89	NA	03/14/89	NA	03/02/89	NA	03/16/89	NA	03/15/89
BAFB0465	02/22/89	NA	03/01/89	NA	03/14/89	NA	03/02/89	NA	03/16/89	NA	03/15/89
BAFB0466	02/22/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0491	03/16/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0492	03/16/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0493	03/16/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0494	03/16/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0495	03/17/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0496	03/17/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0497	03/17/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0498	03/17/89	NA	03/21/89	NA	04/06/89	NA	03/30/89	NA	04/05/89	NA	04/07/89
BAFB0499	03/20/89	NA	03/24/89	NA	04/06/89	NA	04/12/89	NA	04/05/89	NA	04/10/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0442	02/21/89	NA	03/08/89	NA	03/16/89	NA	02/25/89	NA	02/25/89	02/23/89	03/08/89
BAFB0443	02/21/89	NA	03/08/89	NA	03/16/89	NA	02/25/89	NA	02/25/89	02/23/89	03/08/89
BAFB0444	02/21/89	NA	03/08/89	NA	03/16/89	NA	02/25/89	NA	02/25/89	02/23/89	03/08/89
BAFB0445	02/21/89	NA	03/08/89	NA	03/16/89	NA	02/25/89	NA	02/25/89	02/23/89	03/08/89
BAFB0446	02/22/89	NA	03/08/89	NA	03/16/89	NA	03/07/89	NA	03/07/89	02/27/89	03/13/89
BAFB0447	02/22/89	NA	03/08/89	NA	03/16/89	NA	03/07/89	NA	03/07/89	02/27/89	03/13/89
BAFB0465	02/22/89	NA	03/08/89	NA	03/16/89	NA	03/07/89	NA	03/07/89	02/27/89	03/13/89
BAFB0466	02/22/89	NT	NT	NT	NT	NA	03/07/89	NA	03/07/89	NT	NT
BAFB0491	03/16/89	NA	03/31/89	NA	03/30/89	NA	03/30/89	NA	03/30/89	03/20/89	04/03/89
BAFB0492	03/16/89	NA	03/31/89	NA	03/30/89	NA	03/30/89	NA	03/30/89	03/20/89	04/03/89
BAFB0493	03/16/89	NA	03/31/89	NA	03/30/89	NA	03/30/89	NA	03/30/89	03/20/89	04/03/89
BAFB0494	03/16/89	NA	03/31/89	NA	03/30/89	NA	03/30/89	NA	03/30/89	03/20/89	04/05/89
BAFB0495	03/17/89	NA	03/31/89	NA	03/30/89	NA	03/31/89	NA	03/31/89	03/20/89	04/03/89
BAFB0496	03/17/89	NT	NT	NT	NT	NA	03/31/89	NA	03/31/89	NT	NT
BAFB0497	03/17/89	NA	03/31/89	NA	03/30/89	NA	03/31/89	NA	03/31/89	03/20/89	04/03/89
BAFB0498	03/17/89	NA	03/31/89	NA	03/30/89	NA	03/31/89	NA	03/31/89	03/20/89	04/03/89
BAFB0499	03/20/89	NA	04/03/89	NA	03/30/89	NA	04/03/89	NA	04/03/89	03/22/89	04/05/89

(Summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1
(Continued)

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0442	02/21/89	NA	02/24/89	NA	02/23/89
BAFB0443	02/21/89	NA	02/24/89	NA	02/23/89
BAFB0444	02/21/89	NA	02/24/89	NA	02/23/89
BAFB0445	02/21/89	NA	02/24/89	NA	02/23/89
BAFB0446	02/22/89	NA	03/20/89	NA	02/23/89
BAFB0447	02/22/89	NA	02/23/89	NA	02/23/89
BAFB0465	02/22/89	NA	03/20/89	NA	02/23/89
BAFB0466	02/22/89	NT	02/23/89	NA	02/23/89
BAFB0491	03/16/89	NA	04/04/89	NA	03/22/89
BAFB0492	03/16/89	NA	04/04/89	NA	03/22/89
BAFB0493	03/16/89	NA	04/04/89	NA	03/22/89
BAFB0494	03/16/89	NA	04/05/89	NA	03/22/89
BAFB0495	03/17/89	NA	04/05/89	NA	03/22/89
BAFB0496	03/17/89	NT	NT	NT	NT
BAFB0497	03/17/89	NA	04/05/89	NA	03/22/89
BAFB0498	03/17/89	NA	04/05/89	NA	03/22/89
BAFB0499	03/20/89	NA	04/05/89	NA	03/22/89

(summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0556	05/30/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0557	05/31/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0558	05/31/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0559	05/31/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0560	05/31/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0576	06/05/89	NA	06/09/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0586	06/09/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0599	06/14/89	NA	06/21/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89
BAFB0600	06/14/89	NA	06/21/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89
BAFB0601	06/14/89	NA	06/21/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89
BAFB0602	06/14/89	NA	06/21/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0556	05/30/89	NA	06/09/89	NA	06/26/89	NA	06/13/89	NA	06/13/89	06/02/89	06/13/89
BAFB0557	05/31/89	NA	06/09/89	NA	06/09/89	NA	06/13/89	NA	06/13/89	06/02/89	06/13/89
BAFB0558	05/31/89	NA	06/09/89	NA	06/09/89	NA	06/13/89	NA	06/13/89	06/02/89	06/13/89
BAFB0559	05/31/89	NA	06/09/89	NA	06/09/89	NA	06/13/89	NA	06/13/89	06/02/89	06/13/89
BAFB0560	05/31/89	NA	06/09/89	NA	06/09/89	NA	06/14/89	NA	06/14/89	06/02/89	06/13/89
BAFB0576	06/05/89	NA	06/20/89	NA	06/26/89	NA	06/15/89	NA	06/15/89	06/07/89	06/16/89
BAFB0586	06/09/89	NA	06/22/89	NA	06/26/89	NA	06/23/89	NA	06/23/89	06/13/89	06/21/89
BAFB0599	06/14/89	NA	06/27/89	NA	07/09/89	NA	06/26/89	NA	06/26/89	06/16/89	06/23/89
BAFB0600	06/14/89	NA	06/27/89	NA	07/09/89	NA	06/26/89	NA	06/26/89	06/16/89	06/23/89
BAFB0601	06/14/89	NA	06/27/89	NA	07/09/89	NA	06/26/89	NA	06/26/89	06/16/89	06/23/89
BAFB0602	06/14/89	NA	06/27/89	NA	07/09/89	NA	06/26/89	NA	06/26/89	06/16/89	06/28/89

(summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1
(Continued)

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0556	05/30/89	06/05/89	06/07/89	NA	06/05/89
BAFB0557	05/31/89	06/05/89	06/07/89	NA	06/05/89
BAFB0558	05/31/89	06/05/89	06/07/89	NA	06/05/89
BAFB0559	05/31/89	06/05/89	06/07/89	NA	06/05/89
BAFB0560	05/31/89	06/05/89	06/07/89	NA	06/05/89
BAFB0576	06/05/89	06/08/89	06/20/89	NA	06/08/89
BAFB0586	06/09/89	06/13/89	06/22/89	NA	06/14/89
BAFB0599	06/14/89	06/16/89	06/20/89	NA	06/16/89
BAFB0600	06/14/89	06/16/89	06/20/89	NA	06/16/89
BAFB0601	06/14/89	06/16/89	06/20/89	NA	06/16/89
BAFB0602	06/14/89	06/16/89	06/20/89	NA	06/16/89

(summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1/OFF BASE WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0640	09/13/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0641	09/13/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0642	09/14/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0643	09/14/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0644	09/14/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0645	09/14/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0667	09/22/89	NA	09/27/89	NA	10/12/89	NA	10/19/89	NA	10/18/89	NA	10/17/89
BAFB0668	09/22/89	NA	09/27/89	NA	10/12/89	NA	10/19/89	NA	10/18/89	NA	10/17/89
BAFB0669	09/22/89	NA	09/27/89	NA	10/12/89	NA	10/19/89	NA	10/18/89	NA	10/17/89
BAFB0670	09/22/89	NA	09/27/89	NA	10/12/89	NA	10/19/89	NA	10/18/89	NA	10/17/89
BAFB0676	09/27/89	NA	10/02/89	NA	10/10/89	NA	10/13/89	NA	10/09/89	NA	10/11/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0640	09/13/89	NA	10/05/89	NA	09/28/89	NT	NT	NT	NT	09/20/89	10/03/89
BAFB0641	09/13/89	NA	10/05/89	NA	09/28/89	NT	NT	NT	NT	09/20/89	10/03/89
BAFB0642	09/14/89	NA	10/05/89	NA	10/05/89	NA	09/25/89	NA	09/25/89	09/20/89	10/03/89
BAFB0643	09/14/89	NA	10/05/89	NA	09/28/89	NA	09/25/89	NA	09/25/89	09/20/89	10/03/89
BAFB0644	09/14/89	NA	10/05/89	NA	09/28/89	NA	09/25/89	NA	09/25/89	09/20/89	10/03/89
BAFB0645	09/14/89	NA	10/05/89	NA	09/28/89	NA	09/25/89	NA	09/25/89	09/20/89	10/03/89
BAFB0667	09/22/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	09/28/89	10/17/89
BAFB0668	09/22/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	09/28/89	10/17/89
BAFB0669	09/22/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	09/28/89	10/17/89
BAFB0670	09/22/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	NA	10/06/89	09/28/89	10/17/89
BAFB0676	09/27/89	NA	10/06/89	NA	10/06/89	NA	10/11/89	NA	10/11/89	10/03/89	10/16/89
BAFB0677	11/02/89	NT	NT	NT	NT	NA	11/06/89	NA	11/06/89	NT	NT
BAFB0679	11/03/89	NT	NT	NT	NT	NA	11/06/89	NA	11/06/89	NT	NT
BAFB0671	09/25/89	NT	NT	NT	NT	NA	10/06/89	NA	10/06/89	NT	NT
BAFB0675	09/26/89	NT	NT	NT	NT	NA	10/06/89	NA	10/06/89	NT	NT

(summary of extraction and analysis dates for Site 1 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1/OFF BASE WELLS
(Continued)

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0640	09/13/89	09/20/89	09/29/89	NA	09/19/89
BAFB0641	09/13/89	09/20/89	09/29/89	NA	09/19/89
BAFB0642	09/14/89	09/20/89	09/30/89	09/21/89	09/25/89
BAFB0643	09/14/89	09/20/89	09/30/89	09/21/89	09/25/89
BAFB0644	09/14/89	09/20/89	09/30/89	09/21/89	09/25/89
BAFB0645	09/14/89	09/20/89	09/30/89	09/21/89	09/25/89
BAFB0667	09/22/89	NA	10/28/89	NA	10/02/89
BAFB0668	09/22/89	NA	10/28/89	NA	10/02/89
BAFB0669	09/22/89	NA	11/01/89	NA	10/02/89
BAFB0670	09/22/89	NA	11/01/89	NA	10/02/89
BAFB0676	09/27/89	10/04/89	10/20/89	NA	10/04/89

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1/OFF BASE WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0708	11/22/89	NA	11/27/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0704	11/21/89	NA	11/27/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0705	11/21/89	NA	11/27/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0706	11/21/89	NA	11/27/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0707	11/22/89	NA	11/28/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0713	11/28/89	NA	12/04/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0740	12/11/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0739	12/11/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0736	12/07/89	NA	12/11/89	NA	12/19/89	NA	12/20/89	NA	12/27/89	NA	12/22/89
BAFB0732	12/06/89	NA	12/11/89	NA	12/19/89	NA	12/20/89	NA	12/27/89	NA	12/22/89
BAFB0733	12/06/89	NA	12/11/89	NA	12/19/89	NA	12/20/89	NA	12/27/89	NA	12/22/89
BAFB0734	12/06/89	NA	12/11/89	NA	12/19/89	NA	12/20/89	NA	12/27/89	NA	12/22/89
BAFB0735	12/07/89	NA	12/11/89	NA	12/19/89	NA	12/20/89	NA	12/27/89	NA	12/22/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date
BAFB0708	11/22/89	NA	12/07/89	NA	12/19/89	NA	12/04/89	NA	12/04/89	11/27/89	12/15/89
BAFB0704	11/21/89	NA	12/07/89	NA	12/19/89	NA	12/04/89	NA	12/04/89	11/27/89	12/15/89
BAFB0705	11/21/89	NA	12/07/89	NA	12/19/89	NA	12/04/89	NA	12/04/89	11/27/89	12/15/89
BAFB0706	11/21/89	NA	12/07/89	NA	12/19/89	NA	12/04/89	NA	12/04/89	11/27/89	12/15/89
BAFB0707	11/22/89	NA	12/07/89	NA	12/19/89	NA	12/04/89	NA	12/04/89	11/27/89	12/15/89
BAFB0713	11/28/89	NA	12/07/89	NA	12/19/89	NA	12/12/89	NA	12/12/89	11/30/89	12/21/89
BAFB0740	12/11/89	NT	NT	NT	NT	NA	12/23/89	NT	NT	NT	NT
BAFB0739	12/11/89	NT	NT	NT	NT	NA	12/23/89	NT	NT	NT	NT
BAFB0736	12/07/89	NA	12/20/89	NA	12/27/89	NA	12/20/89	NA	12/20/89	12/11/89	01/18/90
BAFB0732	12/06/89	NA	12/20/89	NA	12/27/89	NA	12/19/89	NA	12/19/89	12/11/89	01/18/90
BAFB0733	12/06/89	NA	12/20/89	NA	12/27/89	NA	12/19/89	NA	12/19/89	12/11/89	01/18/90
BAFB0734	12/06/89	NA	12/20/89	NA	12/27/89	NA	12/19/89	NA	12/19/89	12/11/89	01/18/90
BAFB0735	12/07/89	NA	12/20/89	NA	12/27/89	NA	12/19/89	NA	12/19/89	12/11/89	01/18/90

(summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 1/OFF BASE WELLS
(Continued)

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0708	11/22/89	11/27/89	12/15/89	NA	11/29/89
BAFB0704	11/21/89	11/27/89	12/15/89	NA	11/29/89
BAFB0705	11/21/89	11/27/89	12/15/89	NA	11/29/89
BAFB0706	11/21/89	11/27/89	12/15/89	NA	11/29/89
BAFB0707	11/22/89	11/27/89	12/15/89	NA	11/29/89
BAFB0713	11/28/89	11/29/89	12/14/89	NA	12/01/89
BAFB0740	12/11/89	NT	NT	NT	NT
BAFB0739	12/11/89	NT	NT	NT	NT
BAFB0736	12/07/89	12/12/89	12/18/89	NA	12/14/89
BAFB0732	12/06/89	12/12/89	12/18/89	NA	12/14/89
BAFB0733	12/06/89	12/12/89	12/18/89	NA	12/14/89
BAFB0734	12/06/89	12/12/89	12/18/89	NA	12/14/89
BAFB0735	12/07/89	12/12/89	12/18/89	NA	12/14/89

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0057	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	12/01/88	01/05/89
BAFB0058	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	12/01/88	01/05/89
BAFB0059	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	12/01/88	01/05/89
BAFB0060	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	12/01/88	01/06/89
BAFB0061	11/22/88	NA	12/05/88	NA	12/09/88	NA	12/06/88	NA	12/05/88	12/01/88	01/05/89
BAFB0062	11/22/88	NA	12/05/88	NA	12/09/88	NA	12/06/88	NA	12/05/88	12/01/88	01/06/89
BAFB0063	11/22/88	NA	12/05/88	NA	12/09/88	NA	12/06/88	NA	12/05/88	12/01/88	01/06/89
BAFB0064	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	11/29/88	01/05/89
BAFB0065	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	11/29/88	01/05/89
BAFB0066	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	11/29/88	12/30/88
BAFB0067	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NA	12/05/88	11/29/88	12/30/88
BAFB0068	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/06/88	NT	11/22/88	11/29/88	12/30/88
BAFB0069	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NT	NT	11/29/88	12/30/88
BAFB0070	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NT	NT	11/29/88	12/30/88
BAFB0071	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NT	NT	11/29/88	12/30/88
BAFB0072	11/22/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NT	NT	11/29/88	12/30/88
BAFB0090	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/16/88	01/17/89
BAFB0091	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	NT	NT
BAFB0092	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	NT	NT
BAFB0093	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	NT	NT
BAFB0094	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/13/88	01/17/89
BAFB0095	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/13/88	01/17/89
BAFB0096	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/20/89
BAFB0097	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/21/89
BAFB0098	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/21/89
BAFB0099	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/21/89
BAFB0100	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/21/89
BAFB0101	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/21/89
BAFB0102	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/18/88	12/16/88	01/21/89
BAFB0103	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/18/88	12/16/88	01/21/89
BAFB0104	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/18/88	12/16/88	01/21/89
BAFB0105	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/18/88	12/16/88	01/21/89
BAFB0109	12/06/88	NA	12/16/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/23/89
BAFB0110	12/06/88	NA	12/16/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/23/89
BAFB0114	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0115	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0116	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0117	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0118	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0119	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0120	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89

(summary of extraction and analysis dates for Site 2 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2
(Continued)

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0121	12/07/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0122	12/07/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/16/88	12/20/88	01/20/89
BAFB0123	12/08/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/20/88	12/20/88	01/20/89
BAFB0124	12/08/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/20/88	12/20/88	01/20/89
BAFB0125	12/08/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/20/88	12/20/88	01/20/89
BAFB0126	12/08/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/20/88	12/20/88	01/20/89
BAFB0186	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/20/88	12/20/88	01/20/89
BAFB0187	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/20/88	12/20/88	01/20/89
BAFB0292	12/20/88	NA	01/04/89	NA	01/11/89	NA	01/17/89	NA	12/29/88	NT	NT
BAFB0294	12/20/88	NA	01/04/89	NA	01/11/89	NA	01/17/89	NA	12/30/88	NT	NT
BAFB0296	12/20/88	NA	01/04/89	NA	01/11/89	NA	01/17/89	NA	12/30/88	NT	NT
BAFB0297	12/20/88	NA	01/04/89	NA	01/11/89	NA	01/17/89	NA	12/30/88	NT	NT
BAFB0298	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/19/89	NA	01/09/89	01/04/89	02/13/89
BAFB0299	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/19/89	NA	01/09/89	01/04/89	02/13/89
BAFB0300	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/19/89	NA	01/09/89	01/04/89	02/10/89
BAFB0301	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/19/89	NA	01/09/89	01/04/89	02/14/89
BAFB0302	12/22/88	NA	01/04/89	NA	01/23/89	NA	01/19/89	NA	01/09/89	01/04/89	02/14/89
BAFB0349	12/21/88	NT	NT	NT	NT	NT	NT	NA	01/09/89	01/04/89	02/13/89
BAFB0350	12/21/88	NT	NT	NT	NT	NT	NT	NA	01/09/89	01/04/89	02/13/89
BAFB0351	12/21/88	NT	NT	NT	NT	NT	NT	NA	01/09/89	01/04/89	02/14/89
BAFB0352	12/21/88	NT	NT	NT	NT	NT	NT	NA	01/09/89	01/04/89	02/10/89
BAFB0420	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	02/08/89
BAFB0421	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	02/23/89
BAFB0422	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT	01/26/89	02/23/89
BAFB0423	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	02/23/89
BAFB0535	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	05/19/89
BAFB0536	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	05/19/89
BAFB0537	05/03/89	NA	05/19/89	NA	05/17/89	NA	05/17/89	NA	05/15/89	NA	05/19/89
BAFB0538	05/03/89	NA	05/19/89	NA	05/15/89	NA	05/17/89	NA	05/17/89	NA	05/19/89
BAFB0539	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	05/19/89
BAFB0540	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NA	05/19/89

(summary of extraction and analysis dates for Site 2 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2
(Continued)

Field Sample No.	Sampling Date	Method : SW8280 Extraction Date	SW8280 Analysis Date	Method : SW9010 Extraction Date	SW9010 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0119	12/07/88	NT	NT	NA	12/20/88	12/19/88	01/10/89	NA	12/19/88
BAFB0120	12/07/88	NT	NT	NA	12/20/88	12/19/88	01/10/89	NA	12/19/88
BAFB0121	12/07/88	NT	NT	NA	12/20/88	12/19/88	01/10/89	NA	12/19/88
BAFB0122	12/07/88	NT	NT	NA	12/20/88	12/19/88	01/10/89	NA	12/19/88
BAFB0123	12/08/88	NT	NT	NA	12/20/88	12/21/88	01/10/89	NA	12/19/88
BAFB0124	12/08/88	NT	NT	NA	12/20/88	12/21/88	01/10/89	NA	12/19/88
BAFB0125	12/08/88	NT	NT	NA	12/20/88	12/21/88	01/10/89	NA	12/19/88
BAFB0126	12/08/88	NT	NT	NA	12/20/88	12/21/88	01/10/89	NA	12/19/88
BAFB0186	12/08/88	NT	NT	NA	12/21/88	12/21/88	01/10/89	NA	12/19/88
BAFB0187	12/08/88	NT	NT	NA	12/21/88	12/21/88	01/10/89	NA	12/19/88
BAFB0292	12/20/88	NT	NT	NA	12/28/88	01/03/89	02/01/89	NA	12/30/88
BAFB0294	12/20/88	NT	NT	NA	12/28/88	01/03/89	02/01/89	NA	12/30/88
BAFB0296	12/20/88	NT	NT	NA	12/28/88	01/03/89	02/01/89	NA	12/30/88
BAFB0297	12/20/88	NT	NT	NA	12/28/88	01/03/89	02/01/89	NA	12/30/88
BAFB0298	12/22/88	NT	NT	NA	12/29/88	01/04/89	02/02/89	NA	01/04/89
BAFB0299	12/22/88	NT	NT	NA	12/29/88	01/04/89	02/02/89	NA	01/04/89
BAFB0300	12/22/88	NT	NT	NA	12/29/88	01/04/89	02/02/89	NA	01/04/89
BAFB0301	12/22/88	NT	NT	NA	12/29/88	01/04/89	02/02/89	NA	01/04/89
BAFB0302	12/22/88	NT	NT	NA	12/29/88	01/04/89	02/02/89	NA	01/04/89
BAFB0349	12/21/88	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0350	12/21/88	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0351	12/21/88	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0352	12/21/88	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0420	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0421	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0422	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0423	01/20/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0535	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0536	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0537	05/03/89	NT	NT	NA	05/12/89	05/08/89	05/11/89	NA	05/09/89
BAFB0538	05/03/89	NT	NT	NA	05/12/89	05/08/89	05/11/89	NA	05/09/89
BAFB0539	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0540	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 2 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0460	02/17/89	NA	02/22/89	NA	02/27/89	NA	03/02/89	NA	03/08/89	NA	03/01/89
BAFB0462	02/17/89	NA	02/22/89	NA	02/27/89	NA	03/02/89	NA	03/08/89	NA	03/01/89
BAFB0463	02/17/89	NA	02/22/89	NA	02/27/89	NA	03/02/89	NA	03/08/89	NA	03/01/89
BAFB0464	02/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0476	03/07/89	NA	03/14/89	NA	03/27/89	NA	03/17/89	NA	03/23/89	NA	03/28/89
BAFB0477	03/07/89	NA	03/14/89	NA	03/27/89	NA	03/17/89	NA	03/23/89	NA	03/28/89
BAFB0478	03/07/89	NA	03/14/89	NA	03/27/89	NA	03/17/89	NA	03/23/89	NA	03/28/89
BAFB0480	03/07/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0481	03/08/89	NA	03/13/89	NA	03/27/89	NA	03/17/89	NA	03/23/89	NA	03/28/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date	Method : SW7740 Extraction Date	Analysis Date
BAFB0460	02/17/89	NA	03/03/89	NA	03/15/89	NA	03/13/89	NA	03/01/89	NA	03/17/89
BAFB0462	02/17/89	NA	03/03/89	NA	03/15/89	NA	03/13/89	NA	03/01/89	NA	03/17/89
BAFB0463	02/17/89	NA	03/03/89	NA	03/15/89	NA	03/13/89	NA	03/01/89	NA	03/17/89
BAFB0464	02/20/89	NA	03/03/89	NA	03/15/89	NA	03/09/89	NA	03/01/89	NA	03/17/89
BAFB0476	03/07/89	NA	03/16/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0477	03/07/89	NA	03/16/89	NA	03/30/89	NA	03/30/89	NA	03/27/89	NA	03/29/89
BAFB0478	03/07/89	NA	03/16/89	NA	03/30/89	NA	03/30/89	NA	03/27/89	NA	03/29/89
BAFB0480	03/07/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0481	03/08/89	NA	03/16/89	NA	03/30/89	NA	03/30/89	NA	03/27/89	NA	03/29/89

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : SW9010 Extraction Date	Analysis Date
BAFB0460	02/17/89	NA	02/25/89	NA	02/25/89	NA	03/17/89	NA	03/02/89
BAFB0462	02/17/89	NA	02/25/89	NA	02/25/89	02/21/89	03/17/89	NA	03/02/89
BAFB0463	02/17/89	NA	02/25/89	NA	02/25/89	02/21/89	03/17/89	NA	03/02/89
BAFB0464	02/20/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0476	03/07/89	NA	03/16/89	NA	03/16/89	03/13/89	03/21/89	NA	03/21/89
BAFB0477	03/07/89	NA	03/16/89	NA	03/16/89	03/13/89	03/21/89	NA	03/21/89
BAFB0478	03/07/89	NA	03/16/89	NA	03/16/89	03/13/89	03/21/89	NA	03/21/89
BAFB0480	03/07/89	NA	03/17/89	NA	03/17/89	NT	NT	NT	NT
BAFB0481	03/08/89	NA	03/16/89	NA	03/16/89	03/13/89	03/23/89	NA	03/21/89

(summary of extraction and analysis dates for Site 2 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0571	06/02/89	NA	06/09/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0572	06/05/89	NA	06/09/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0573	06/05/89	NA	06/09/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0574	06/05/89	NA	06/09/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0575	06/05/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0587	06/09/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0588	06/12/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0589	06/12/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0594	06/13/89	NA	06/20/89	NA	07/07/89	NA	06/27/89	NA	07/06/89	NA	07/06/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date
BAFB0571	06/02/89	NA	06/14/89	NA	06/17/89	NA	06/26/89	NA	06/13/89	NA	06/26/89
BAFB0572	06/05/89	NA	06/20/89	NA	06/17/89	NA	06/26/89	NA	06/16/89	NA	06/26/89
BAFB0573	06/05/89	NA	06/20/89	NA	06/17/89	NA	06/26/89	NA	06/16/89	NA	06/26/89
BAFB0574	06/05/89	NA	06/20/89	NA	06/17/89	NA	06/26/89	NA	06/16/89	NA	06/26/89
BAFB0575	06/05/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0587	06/09/89	NA	06/22/89	NA	06/27/89	NA	06/26/89	NA	06/23/89	NA	06/26/89
BAFB0588	06/12/89	NA	06/22/89	NA	06/27/89	NA	07/09/89	NA	06/23/89	NA	07/06/89
BAFB0589	06/12/89	NA	06/27/89	NA	07/07/89	NA	07/09/89	NA	06/23/89	NA	07/06/89
BAFB0594	06/13/89	NA	06/27/89	NA	07/07/89	NA	07/09/89	NA	07/07/89	NA	07/06/89

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : SW9010 Extraction Date	Method : SW9010 Analysis Date
BAFB0571	06/02/89	NA	06/14/89	NA	06/14/89	06/06/89	06/15/89	NA	06/15/89
BAFB0572	06/05/89	NA	06/19/89	NA	06/19/89	06/07/89	06/16/89	NA	06/22/89
BAFB0573	06/05/89	NA	06/19/89	NA	06/19/89	06/07/89	06/16/89	NA	06/22/89
BAFB0574	06/05/89	NA	06/19/89	NA	06/19/89	06/07/89	06/16/89	NA	06/22/89
BAFB0575	06/05/89	NA	06/19/89	NA	06/19/89	NT	NT	NT	NT
BAFB0587	06/09/89	NA	06/23/89	NA	06/23/89	06/13/89	06/21/89	NA	06/23/89
BAFB0588	06/12/89	NA	06/24/89	NA	06/24/89	06/14/89	06/21/89	NA	06/23/89
BAFB0589	06/12/89	NA	06/24/89	NA	06/24/89	06/14/89	06/22/89	NA	06/23/89
BAFB0594	06/13/89	NA	06/26/89	NA	06/26/89	06/19/89	06/29/89	NA	06/27/89

(summary of extraction and analysis dates for Site 2 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0638	09/12/89	NA	09/19/89	10/09/89	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0646	09/15/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/11/89	NA	10/10/89
BAFB0647	09/15/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/11/89	NA	10/10/89
BAFB0648	09/15/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/11/89	NA	10/10/89
BAFB0652	09/18/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/10/89
BAFB0653	09/18/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/10/89
BAFB0654	09/18/89	NA	09/25/89	NA	10/10/89	NA	10/02/89	NA	10/12/89	NA	10/10/89
BAFB0655	09/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0658	09/19/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/13/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW7740 Extraction Date	SW7740 Analysis Date
BAFB0638	09/12/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0646	09/15/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0647	09/15/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0648	09/15/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0652	09/18/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0653	09/18/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0654	09/18/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0655	09/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0658	09/19/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89	NA	10/07/89

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : SW9010 Extraction Date	SW9010 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date
BAFB0638	09/12/89	NA	09/25/89	NA	09/25/89	09/18/89	10/02/89	NA	09/26/89	NT	NT
BAFB0646	09/15/89	NA	09/26/89	NA	09/26/89	09/22/89	10/05/89	NA	09/26/89	NT	NT
BAFB0647	09/15/89	NA	09/26/89	NA	09/26/89	09/22/89	10/05/89	NA	09/26/89	NT	NT
BAFB0648	09/15/89	NA	09/26/89	NA	09/26/89	09/22/89	10/09/89	NA	09/26/89	NT	NT
BAFB0652	09/18/89	NA	09/26/89	NA	09/26/89	09/22/89	10/10/89	NA	10/02/89	NT	NT
BAFB0653	09/18/89	NA	09/26/89	NA	09/26/89	09/22/89	10/10/89	NA	10/02/89	NT	NT
BAFB0654	09/18/89	NA	09/26/89	NA	09/26/89	09/22/89	10/10/89	NA	10/02/89	09/29/89	10/20/89
BAFB0655	09/18/89	NA	09/26/89	NA	09/26/89	NT	NT	NT	NT	NT	NT
BAFB0658	09/19/89	NA	10/03/89	NA	10/03/89	09/26/89	10/11/89	NA	10/02/89	NT	NT

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 2

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0711	11/27/89	NA	12/04/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0710	11/27/89	NA	12/04/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0722	11/30/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0723	11/30/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0724	11/30/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0712	11/28/89	NA	12/04/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0711	11/27/89	NT	NT	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0710	11/27/89	NT	NT	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0722	11/30/89	NA	12/04/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0723	11/30/89	NA	12/04/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0724	11/30/89	NA	12/04/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0712	11/28/89	NT	NT	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : SW9010 Extraction Date	Analysis Date
BAFB0711	11/27/89	NA	12/13/89	NA	12/09/89	NA	12/09/89	11/30/89	12/21/89	NA	12/11/89
BAFB0710	11/27/89	NA	12/13/89	NA	12/09/89	NA	12/09/89	11/30/89	12/21/89	NA	12/11/89
BAFB0722	11/30/89	NA	12/22/89	NA	12/14/89	NA	12/14/89	12/04/89	12/26/89	NA	12/12/89
BAFB0723	11/30/89	NA	12/22/89	NA	12/14/89	NA	12/14/89	12/04/89	12/26/89	NA	12/12/89
BAFB0724	11/30/89	NA	12/22/89	NA	12/14/89	NA	12/14/89	12/04/89	12/26/89	NA	12/12/89
BAFB0712	11/28/89	NA	12/13/89	NA	12/12/89	NA	12/12/89	11/30/89	12/21/89	NA	12/11/89

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 3

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW1010 Extraction Date	SW1010 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date
BAFB0073	11/23/88	NA	12/05/88	NA	12/06/88	NA	12/09/88	NA	12/06/88	NA	12/06/88
BAFB0074	11/23/88	NA	12/05/88	NA	12/06/88	NA	12/09/88	NA	12/06/88	NA	12/06/88
BAFB0075	11/23/88	NA	12/05/88	NA	12/06/88	NA	12/09/88	NA	12/06/88	NA	12/06/88
BAFB0214	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	12/27/88
BAFB0215	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	12/27/88
BAFB0217	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	12/27/88
BAFB0218	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	12/27/88
BAFB0219	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	12/27/88
BAFB0220	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	12/27/88
BAFB0221	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	12/30/88	NA	[illegible]
BAFB0222	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	01/04/89	NA	
BAFB0223	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/03/89	NA	01/04/89	NA	
BAFB0224	12/12/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	1[illegible]
BAFB0225	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/20/88
BAFB0240	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0241	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/31/88
BAFB0242	12/14/88	NA	12/18/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/31/88
BAFB0243	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0244	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/29/88
BAFB0245	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0260	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/20/88
BAFB0261	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/23/88
BAFB0262	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/23/88
BAFB0263	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/23/88
BAFB0264	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/23/88
BAFB0265	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/23/88
BAFB0266	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/04/89	NA	12/22/88
BAFB0267	12/13/88	NA	12/28/88	NA	01/24/89	NA	01/05/89	NA	01/11/89	NA	12/21/88
BAFB0268	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0269	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0270	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0271	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0272	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0273	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0274	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	01/01/89
BAFB0275	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0276	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0277	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0278	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0279	12/15/88	NA	01/03/89	NA	01/24/89	NA	01/06/89	NT	NT	NA	12/27/88
BAFB0322	01/11/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/20/89

(summary of extraction and analysis dates for Site 3 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 3
(Continued)

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW1010 Extraction Date	SW1010 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date
BAFB0323	01/11/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/20/89
BAFB0324	01/11/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/20/89
BAFB0325	01/11/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/20/89
BAFB0326	01/11/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/20/89
BAFB0327	01/11/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/20/89
BAFB0328	01/12/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/18/89
BAFB0329	01/12/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/18/89
BAFB0330	01/12/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/18/89
BAFB0331	01/12/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/18/89
BAFB0363	01/04/89	NA	01/25/89	NA	01/24/89	NA	01/26/89	NA	01/17/89	NA	01/27/89
BAFB0364	01/04/89	NA	01/25/89	NA	01/24/89	NA	01/26/89	NA	01/17/89	NA	01/18/89
BAFB0365	01/04/89	NA	01/25/89	NA	01/24/89	NA	01/26/89	NA	01/17/89	NA	01/18/89
BAFB0366	01/04/89	NA	01/25/89	NA	01/24/89	NA	01/26/89	NA	01/17/89	NA	01/27/89
BAFB0367	01/04/89	NA	01/25/89	NA	01/24/89	NA	01/26/89	NA	01/17/89	NA	01/27/89
BAFB0368	01/04/89	NA	01/25/89	NA	01/24/89	NA	01/26/89	NA	01/17/89	NA	01/18/89
BAFB0369	01/05/89	NA	01/25/89	NA	01/24/89	NA	01/27/89	NA	01/24/89	NA	01/13/89
BAFB0370	01/05/89	NA	01/25/89	NA	01/24/89	NA	01/27/89	NA	01/24/89	NA	01/13/89
BAFB0371	01/05/89	NA	01/25/89	NA	01/24/89	NA	01/27/89	NA	01/24/89	NA	01/17/89
BAFB0372	01/05/89	NA	01/25/89	NA	01/24/89	NA	01/27/89	NA	01/24/89	NA	01/13/89
BAFB0373	01/05/89	NA	01/25/89	NA	01/24/89	NA	01/27/89	NA	01/24/89	NA	01/13/89
BAFB0407	01/12/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/18/89
BAFB0408	01/12/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/18/89
BAFB0418	01/19/89	NA	02/14/89	NT	NT	NT	NT	NA	02/03/89	NT	NT
BAFB0419	01/19/89	NA	02/14/89	NT	NT	NT	NT	NA	02/03/89	NT	NT
BAFB0544	05/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 3 continued on next page)

EXTRACT FBI

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 3
(Continued)

Field Sample No.	Sampling Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0073	11/23/88	12/05/88	01/06/89	12/01/88	12/24/88	NA	12/06/88
BAFB0074	11/23/88	12/05/88	01/06/89	12/01/88	12/24/88	NA	12/06/88
BAFB0075	11/23/88	12/05/88	01/06/89	12/01/88	12/24/88	NA	12/06/88
BAFB0214	12/12/88	12/23/88	01/31/89	12/22/88	01/23/89	NA	12/22/88
BAFB0215	12/12/88	12/23/88	01/31/89	12/22/88	01/23/89	NA	12/22/88
BAFB0217	12/12/88	12/23/88	01/23/89	12/22/88	01/23/89	NA	12/22/88
BAFB0218	12/12/88	12/23/88	01/23/89	12/22/88	01/23/89	NA	12/22/88
BAFB0219	12/12/88	12/23/88	01/23/89	12/22/88	01/23/89	NA	12/22/88
BAFB0220	12/12/88	12/23/88	01/23/89	12/22/88	01/23/89	NA	12/22/88
BAFB0221	12/12/88	12/23/88	01/23/89	12/22/88	01/23/89	NA	12/22/88
BAFB0222	12/12/88	12/23/88	01/31/89	12/23/88	01/24/89	NA	12/29/88
BAFB0223	12/12/88	12/23/88	01/24/89	12/23/88	01/24/89	NA	12/23/88
BAFB0224	12/12/88	12/23/88	01/31/89	12/23/88	01/24/89	NA	12/23/88
BAFB0225	12/13/88	12/23/88	01/31/89	12/27/88	01/25/89	NA	12/26/88
BAFB0240	12/14/88	12/28/88	02/02/89	12/28/88	01/26/89	NA	12/26/88
BAFB0241	12/14/88	12/28/88	02/02/89	NA	01/26/89	NA	12/26/88
BAFB0242	12/14/88	12/28/88	02/02/89	12/28/88	01/26/89	NA	12/26/88
BAFB0243	12/14/88	12/28/88	02/02/89	12/28/88	01/26/89	NA	12/26/88
BAFB0244	12/14/88	12/28/88	02/02/89	12/28/88	01/26/89	NA	12/26/88
BAFB0245	12/14/88	12/28/88	02/02/89	12/28/88	01/26/89	NA	12/26/88
BAFB0260	12/13/88	12/23/88	01/31/89	12/27/88	01/25/89	NA	12/26/88
BAFB0261	12/13/88	NT	NT	NA	01/25/89	NA	12/26/88
BAFB0262	12/13/88	12/27/88	02/01/89	12/27/88	01/25/89	NA	12/26/88
BAFB0263	12/13/88	12/27/88	02/01/89	12/27/88	01/25/89	NA	12/26/88
BAFB0264	12/13/88	12/27/88	02/01/89	12/27/88	01/25/89	NA	12/26/88
BAFB0265	12/13/88	12/27/88	02/01/89	12/27/88	01/25/89	NA	12/26/88
BAFB0266	12/13/88	12/27/88	02/01/89	12/27/88	01/25/89	NA	12/26/88
BAFB0267	12/13/88	12/27/88	02/02/89	12/27/88	01/26/89	NA	12/26/88
BAFB0268	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/26/88
BAFB0269	12/14/88	12/28/88	02/02/89	12/28/88	01/27/89	NA	12/26/88
BAFB0270	12/14/88	12/28/88	02/02/89	12/28/88	01/27/89	NA	12/26/88
BAFB0271	12/14/88	12/28/88	02/02/89	12/28/88	01/27/89	NA	12/26/88
BAFB0272	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/26/88
BAFB0273	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/26/88
BAFB0274	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/28/88
BAFB0275	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/28/88
BAFB0276	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/28/88
BAFB0277	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/28/88
BAFB0278	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/28/88

(summary of extraction and analysis dates for Site 3 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 3
(Continued)

Field Sample No.	Sampling Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0279	12/15/88	12/29/88	02/03/89	12/29/88	12/29/88	NA	12/29/88
BAFB0322	01/11/89	01/23/89	02/15/89	01/23/89	02/12/89	NA	01/17/89
BAFB0323	01/11/89	01/23/89	02/14/89	01/23/89	02/12/89	NA	01/17/89
BAFB0324	01/11/89	01/23/89	02/15/89	01/23/89	02/12/89	NA	01/17/89
BAFB0325	01/11/89	01/23/89	02/10/89	01/23/89	02/12/89	NA	01/17/89
BAFB0326	01/11/89	01/23/89	02/15/89	01/23/89	02/12/89	NA	01/17/89
BAFB0327	01/11/89	01/23/89	02/15/89	01/23/89	02/12/89	NA	01/17/89
BAFB0328	01/12/89	01/23/89	02/15/89	01/23/89	02/14/89	NA	01/19/89
BAFB0329	01/12/89	01/23/89	02/15/89	01/23/89	02/14/89	NA	01/19/89
BAFB0330	01/12/89	01/23/89	02/15/89	01/23/89	02/15/89	NA	01/19/89
BAFB0331	01/12/89	01/26/89	02/10/89	01/24/89	02/15/89	NA	01/23/89
BAFB0363	01/04/89	01/18/89	02/15/89	01/17/89	02/07/89	NA	01/07/89
BAFB0364	01/04/89	01/18/89	02/15/89	01/17/89	02/07/89	NA	01/07/89
BAFB0365	01/04/89	01/18/89	02/15/89	01/17/89	02/07/89	NA	01/07/89
BAFB0366	01/04/89	01/18/89	02/16/89	01/17/89	02/07/89	NA	01/07/89
BAFB0367	01/04/89	01/18/89	02/15/89	01/17/89	02/07/89	NA	01/07/89
BAFB0368	01/04/89	01/18/89	02/15/89	01/17/89	02/07/89	NA	01/07/89
BAFB0369	01/05/89	01/19/89	02/20/89	01/19/89	02/08/89	NA	01/13/89
BAFB0370	01/05/89	01/12/89	02/16/89	01/19/89	02/08/89	NA	01/13/89
BAFB0371	01/05/89	01/12/89	02/16/89	01/19/89	02/10/89	NA	01/13/89
BAFB0372	01/05/89	01/12/89	02/16/89	01/19/89	02/10/89	NA	01/13/89
BAFB0373	01/05/89	01/19/89	02/20/89	01/19/89	02/10/89	NA	01/13/89
BAFB0407	01/12/89	01/26/89	02/17/89	01/24/89	02/15/89	NA	01/23/89
BAFB0408	01/12/89	01/26/89	02/17/89	01/24/89	02/15/89	NA	01/23/89
BAFB0418	01/19/89	NT	NT	NT	NT	NT	NT
BAFB0419	01/19/89	NT	NT	NT	NT	NT	NT
BAFB0544	05/03/89	05/12/89	05/22/89	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 3 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 3

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0511	03/29/89	NA	04/03/89	NA	04/14/89	NA	04/12/89	NA	04/13/89	NA	04/17/89
BAFB0513	03/31/89	NA	04/06/89	NA	04/14/89	NA	04/12/89	NA	04/13/89	NA	04/17/89
BAFB0518	03/31/89	NA	04/06/89	NA	04/18/89	NA	04/12/89	NA	04/17/89	NA	04/17/89
BAFB0519	04/03/89	NA	04/10/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/18/89
BAFB0520	04/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0521	04/03/89	NA	04/10/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/18/89
BAFB0522	04/03/89	NA	04/10/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/18/89
BAFB0523	04/03/89	NA	04/10/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/18/89
BAFB0524	04/03/89	NA	04/10/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/18/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW7740 Extraction Date	SW7740 Analysis Date
BAFB0511	03/29/89	NA	04/18/89	NA	04/19/89	NA	04/14/89	NA	04/20/89	NA	04/17/89
BAFB0513	03/31/89	NA	04/20/89	NA	04/19/89	NA	04/18/89	NA	04/20/89	NA	04/20/89
BAFB0518	03/31/89	NA	04/20/89	NA	04/19/89	NA	04/18/89	NA	04/20/89	NA	04/20/89
BAFB0519	04/03/89	NA	04/20/89	NA	04/19/89	NA	04/20/89	NT	NT	NT	NT
BAFB0520	04/03/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0521	04/03/89	NA	04/20/89	NA	04/19/89	NA	04/18/89	NA	04/20/89	NA	04/20/89
BAFB0522	04/03/89	NA	04/20/89	NT	NT	NA	04/18/89	NT	NT	NT	NT
BAFB0523	04/03/89	NA	04/20/89	NA	04/19/89	NA	04/18/89	NA	04/20/89	NA	04/20/89
BAFB0524	04/03/89	NA	04/20/89	NA	04/19/89	NA	04/18/89	NA	04/20/89	NA	04/20/89

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0511	03/29/89	NA	04/12/89	NA	04/12/89	03/30/89	04/13/89	NA	04/12/89	NA	04/04/89
BAFB0513	03/31/89	NA	04/12/89	NA	04/12/89	04/04/89	04/20/89	NA	04/12/89	NA	04/05/89
BAFB0518	03/31/89	NA	04/13/89	NA	04/13/89	04/04/89	04/20/89	NA	04/13/89	NA	04/07/89
BAFB0519	04/03/89	NA	04/14/89	NA	04/14/89	04/06/89	04/21/89	NA	04/13/89	NA	04/07/89
BAFB0520	04/03/89	NA	04/14/89	NA	04/14/89	NT	NT	NT	NT	NT	NT
BAFB0521	04/03/89	NA	04/14/89	NA	04/14/89	04/06/89	04/21/89	NA	04/13/89	NA	04/07/89
BAFB0522	04/03/89	NA	04/14/89	NA	04/14/89	04/06/89	04/21/89	NA	04/13/89	NA	04/07/89
BAFB0523	04/03/89	NA	04/14/89	NA	04/14/89	04/06/89	04/24/89	NA	04/13/89	NA	04/07/89
BAFB0524	04/03/89	NA	04/14/89	NA	04/14/89	04/06/89	04/24/89	NA	04/13/89	NA	04/07/89

(summary of extraction and analysis dates for Site 3 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 3

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0633	09/08/89	NA	09/14/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	10/05/89
BAFB0634	09/08/89	NA	09/14/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	10/05/89
BAFB0635	09/11/89	NA	09/18/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0636	09/12/89	NA	09/19/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0637	09/12/89	NA	09/19/89	NA	10/09/89	NA	09/20/89	10/06/89	10/06/89	NA	10/10/89
BAFB0639	09/13/89	NA	09/20/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date	Method : SW7740 Extraction Date	Analysis Date
BAFB0633	09/08/89	NA	09/27/89	NA	09/22/89	NA	09/26/89	NA	09/15/89	NA	09/21/89
BAFB0634	09/08/89	NA	09/27/89	NA	09/22/89	NA	09/26/89	NA	09/15/89	NA	09/21/89
BAFB0635	09/11/89	NA	09/27/89	NA	09/22/89	NA	09/26/89	NA	09/15/89	NA	09/21/89
BAFB0636	09/12/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0637	09/12/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89
BAFB0639	09/13/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89	NA	09/26/89

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : TPH-DI Extraction Date	Analysis Date	Method : TPH-GA Extraction Date	Analysis Date
BAFB0633	09/08/89	NA	09/19/89	NA	09/19/89	09/14/89	09/26/89	09/18/89	09/29/89	NA	09/12/89
BAFB0634	09/08/89	NA	09/19/89	NA	09/19/89	09/14/89	09/26/89	09/18/89	09/29/89	NA	09/12/89
BAFB0635	09/11/89	NA	09/20/89	NA	09/20/89	09/18/89	10/02/89	NA	09/29/89	NA	09/13/89
BAFB0636	09/12/89	NA	09/25/89	NA	09/25/89	09/18/89	10/02/89	09/20/89	09/29/89	NA	09/19/89
BAFB0637	09/12/89	NA	09/25/89	NA	09/25/89	09/18/89	10/02/89	09/20/89	09/29/89	NA	09/19/89
BAFB0639	09/13/89	NT	NT	NT	NT	09/20/89	10/03/89	09/20/89	09/29/89	NA	09/19/89

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SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 4

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW9045 Extraction Date	SW9045 Analysis Date	Method : TPH-DI Extraction Date	TPH-DI Analysis Date	Method : TPH-GA Extraction Date	TPH-GA Analysis Date
BAFB0409	01/17/89	NA	01/26/89	NA	01/31/89	NA	01/18/89	01/24/89	02/16/89	NA	01/23/89
BAFB0410	01/17/89	NA	01/26/89	NA	01/31/89	NA	01/18/89	01/24/89	02/16/89	NA	01/23/89
BAFB0411	01/18/89	NA	01/26/89	NA	02/08/89	NA	01/19/89	01/26/89	02/16/89	NA	01/23/89
BAFB0412	01/18/89	NA	01/26/89	NA	02/08/89	NA	01/19/89	01/26/89	02/16/89	NA	01/23/89
BAFB0413	01/18/89	NA	01/26/89	NA	02/08/89	NA	01/19/89	01/26/89	02/16/89	NA	01/23/89
BAFB0414	01/18/89	NA	01/26/89	NA	02/08/89	NT	NT	01/26/89	02/16/89	NA	01/23/89
BAFB0415	01/18/89	NA	01/26/89	NA	02/08/89	NA	01/19/89	01/26/89	02/16/89	NA	01/23/89

(summary of extraction and analysis dates for Site 4 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 4

Field Sample No.	Sampling Date	Method : E16C.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0525	04/04/89	NA	04/07/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/18/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0525	04/04/89	NA	04/21/89	NA	04/18/89	NA	04/14/89	NA	04/07/89

(summary of extraction and analysis dates for Site 4 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 4

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0628	09/07/89	NA	09/14/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	10/03/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0628	09/07/89	NA	09/27/89	NA	09/26/89	NA	09/29/89	NA	09/12/89

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SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 5

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0029	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0030	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/02/88
BAFB0031	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/02/88
BAFB0032	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/02/88
BAFB0033	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0034	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0380	01/09/89	NA	01/26/89	01/23/89	02/11/89	NA	01/12/89
BAFB0381	01/09/89	NA	01/26/89	01/23/89	02/11/89	NA	01/12/89
BAFB0382	01/09/89	NA	01/26/89	01/23/89	02/11/89	NA	01/13/89
BAFB0383	01/09/89	NA	01/26/89	01/23/89	02/11/89	NA	01/13/89
BAFB0384	01/09/89	NA	01/26/89	01/23/89	02/11/89	NA	01/13/89
BAFB0385	01/09/89	NA	01/26/89	01/23/89	02/10/89	NA	01/13/89
BAFB0386	01/09/89	NA	01/26/89	01/23/89	02/10/89	NA	01/13/89
BAFB0387	01/10/89	NA	01/26/89	01/23/89	02/10/89	NA	01/17/89
BAFB0388	01/10/89	NA	01/26/89	01/23/89	02/10/89	NA	01/17/89
BAFB0389	01/10/89	NA	01/26/89	01/23/89	02/12/89	NA	01/17/89
BAFB0390	01/10/89	NA	01/26/89	01/23/89	02/12/89	NA	01/17/89
BAFB0391	01/10/89	NA	01/26/89	01/23/89	02/12/89	NA	01/17/89
BAFB0392	01/10/89	NA	01/26/89	01/23/89	02/12/89	NA	01/17/89
BAFB0393	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0394	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0395	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0396	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0397	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0398	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0399	01/11/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0400	01/12/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0401	01/12/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0402	01/12/89	NA	01/26/89	01/23/89	02/14/89	NA	01/19/89
BAFB0403	01/12/89	NA	01/26/89	01/24/89	02/15/89	NA	01/23/89
BAFB0404	01/12/89	NA	01/26/89	01/24/89	02/15/89	NA	01/23/89
BAFB0405	01/12/89	NA	01/26/89	01/24/89	02/15/89	NA	01/23/89

(summary of extraction and analysis dates for Site 5 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 5

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0471	03/02/89	NA	03/07/89	NA	03/24/89	NA	03/17/89	NA	03/23/89	NA	03/15/89
BAFB0472	03/02/89	NA	03/07/89	NA	03/24/89	NA	03/17/89	NA	03/23/89	NA	03/15/89
BAFB0473	03/02/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0474	03/02/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0475	03/02/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0488	03/10/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	04/03/89
BAFB0489	03/13/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	04/03/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0471	03/02/89	NA	03/16/89	NA	03/16/89	NA	03/21/89	NA	03/16/89
BAFB0472	03/02/89	NA	03/16/89	NA	03/16/89	NA	03/21/89	NA	03/16/89
BAFB0473	03/02/89	NT	NT	NA	03/16/89	NA	03/21/89	NA	03/16/89
BAFB0474	03/02/89	NT	NT	NA	03/16/89	NA	03/21/89	NA	03/16/89
BAFB0475	03/02/89	NT	NT	NA	03/16/89	NT	NT	NT	NT
BAFB0488	03/10/89	NA	03/27/89	NA	03/23/89	NA	03/24/89	NA	03/14/89
BAFB0489	03/13/89	NA	03/30/89	NA	03/23/89	NA	03/24/89	NA	03/16/89

(summary of extraction and analysis dates for Site 5 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 5

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0626	09/06/89	NA	09/13/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	09/21/89
BAFB0627	09/06/89	NA	09/13/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	09/21/89
BAFB0649	09/18/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/10/89
BAFB0650	09/18/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/10/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0626	09/06/89	NA	09/27/89	NA	09/09/89	NT	NT	09/18/89	09/26/89	NA	09/12/89
BAFB0627	09/06/89	NA	09/27/89	NA	09/09/89	NT	NT	09/18/89	09/29/89	NA	09/12/89
BAFB0649	09/18/89	NA	10/05/89	NA	09/26/89	NA	09/26/89	09/29/89	10/20/89	NA	09/25/89
BAFB0650	09/18/89	NA	10/05/89	NA	09/26/89	NA	09/26/89	09/29/89	10/20/89	NA	09/25/89

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0087	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/07/88	12/08/88	01/11/89
BAFB0088	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/07/88	12/08/88	01/11/89
BAFB0089	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/08/88	12/08/88	01/11/89
BAFB0164	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/18/88	12/20/88	01/23/89
BAFB0165	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/19/88	12/20/88	01/23/89
BAFB0166	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/19/88	12/20/88	01/23/89
BAFB0167	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/19/88	12/20/88	01/23/89
BAFB0168	12/09/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/20/88	12/20/88	01/25/89
BAFB0169	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/18/88	12/20/88	01/23/89
BAFB0170	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/18/88	12/20/88	01/23/89
BAFB0171	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/23/88	01/20/89
BAFB0172	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/23/88	01/20/89
BAFB0173	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/23/88	01/20/89
BAFB0174	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/23/88	01/20/89
BAFB0175	12/09/88	NA	12/19/88	NA	01/03/89	NA	12/30/88	NA	12/19/88	12/23/88	01/21/89
BAFB0176	12/09/88	NA	12/19/88	NA	01/03/89	NA	12/30/88	NA	12/19/88	12/23/88	01/21/89
BAFB0177	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/21/89
BAFB0178	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/21/89
BAFB0179	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/30/88	12/23/88	01/21/89
BAFB0180	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/21/89
BAFB0226	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/21/89
BAFB0227	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/23/89
BAFB0228	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/23/89
BAFB0229	12/12/88	NA	12/28/88	NA	01/03/89	NA	01/04/89	NA	12/27/88	12/23/88	01/24/89
BAFB0230	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/04/89	NA	12/19/88	12/27/88	01/24/89
BAFB0231	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/04/89	NA	12/19/88	12/27/88	01/24/89
BAFB0232	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/04/89	NA	12/19/88	12/27/88	01/24/89
BAFB0233	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/04/89	NA	12/20/88	12/27/88	01/24/89

(summary of extraction and analysis dates for Site 6 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6
(Continued)

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0087	12/01/88	12/09/88	12/29/88	NA	12/12/88
BAFB0088	12/01/88	12/09/88	12/29/88	NA	12/12/88
BAFB0089	12/01/88	12/09/88	12/29/88	NA	12/12/88
BAFB0164	12/08/88	12/21/88	01/11/89	NA	12/20/88
BAFB0165	12/08/88	12/21/88	01/11/89	NA	12/20/88
BAFB0166	12/08/88	12/21/88	01/11/89	NA	12/20/88
BAFB0167	12/08/88	12/21/88	01/11/89	NA	12/20/88
BAFB0168	12/09/88	12/21/88	01/11/89	NA	12/20/88
BAFB0169	12/08/88	12/21/88	01/11/89	NA	12/19/88
BAFB0170	12/08/88	12/21/88	01/11/89	NA	12/20/88
BAFB0171	12/09/88	12/22/88	01/21/89	NA	12/20/88
BAFB0172	12/09/88	12/22/88	01/21/89	NA	12/20/88
BAFB0173	12/09/88	12/22/88	01/21/89	NA	12/20/88
BAFB0174	12/09/88	12/22/88	01/21/89	NA	12/20/88
BAFB0175	12/09/88	12/22/88	01/21/89	NA	12/20/88
BAFB0176	12/09/88	12/22/88	01/21/89	NA	12/20/88
BAFB0177	12/12/88	12/22/88	01/23/89	NA	12/21/88
BAFB0178	12/12/88	12/22/88	01/22/89	NA	12/22/88
BAFB0179	12/12/88	12/22/88	01/23/89	NA	12/22/88
BAFB0180	12/12/88	12/22/88	01/23/89	NA	12/22/88
BAFB0226	12/12/88	12/22/88	01/23/89	NA	12/22/88
BAFB0227	12/12/88	12/22/88	01/23/89	NA	12/22/88
BAFB0228	12/12/88	12/23/88	01/24/89	NA	12/22/88
BAFB0229	12/12/88	12/23/88	01/24/89	NA	12/29/88
BAFB0230	12/13/88	12/27/88	01/25/89	NA	12/26/88
BAFB0231	12/13/88	12/27/88	01/25/89	NA	12/26/88
BAFB0232	12/13/88	12/27/88	01/25/89	NA	12/26/88
BAFB0233	12/13/88	12/27/88	01/25/89	NA	12/26/88

(summary of extraction and analysis dates for Site 6 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0483	03/09/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	03/28/89
BAFB0484	03/09/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	03/28/89
BAFB0485	03/09/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	03/28/89
BAFB0486	03/09/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0504	03/22/89	NA	03/28/89	NA	04/14/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0505	03/23/89	NA	03/29/89	NA	04/14/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0506	03/23/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0507	03/23/89	NA	03/29/89	NA	04/14/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0508	03/23/89	NA	03/29/89	NA	04/14/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0509	03/23/89	NA	03/29/89	NA	04/14/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0532	04/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0533	04/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	E410.4 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date
BAFB0483	03/09/89	NA	04/04/89	NA	03/27/89	NA	03/31/89	NA	03/30/89	NA	03/27/89
BAFB0484	03/09/89	NA	04/04/89	NA	03/27/89	NA	03/31/89	NA	03/30/89	NA	03/27/89
BAFB0485	03/09/89	NA	04/04/89	NA	03/27/89	NA	03/31/89	NA	03/30/89	NA	03/27/89
BAFB0486	03/09/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0504	03/22/89	NA	04/04/89	NA	04/12/89	NA	04/10/89	NA	04/10/89	NA	04/11/89
BAFB0505	03/23/89	NA	04/04/89	NA	04/12/89	NA	04/10/89	NA	04/14/89	NA	04/11/89
BAFB0506	03/23/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0507	03/23/89	NA	04/04/89	NA	04/12/89	NA	04/10/89	NA	04/14/89	NA	04/11/89
BAFB0508	03/23/89	NA	04/04/89	NA	04/12/89	NA	04/10/89	NA	04/14/89	NA	04/11/89
BAFB0509	03/23/89	NA	04/04/89	NA	04/12/89	NA	04/10/89	NA	04/14/89	NA	04/11/89
BAFB0532	04/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0533	04/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 6 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6
(Continued)

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	SW7740 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date
BAFB0483	03/09/89	NA	03/29/89	NA	03/16/89	NA	03/16/89	03/13/89	03/23/89	NA	03/24/89
BAFB0484	03/09/89	NA	03/29/89	NA	03/16/89	NA	03/16/89	03/13/89	03/23/89	NA	03/24/89
BAFB0485	03/09/89	NA	03/29/89	NA	03/16/89	NA	03/16/89	03/13/89	03/23/89	NA	03/24/89
BAFB0486	03/09/89	NT	NT	NA	03/16/89	NA	03/16/89	NT	NT	NT	NT
BAFB0504	03/22/89	NA	04/07/89	NA	04/04/89	NA	04/04/89	03/28/89	04/06/89	NA	03/28/89
BAFB0505	03/23/89	NA	04/07/89	NA	04/05/89	NA	04/05/89	03/28/89	04/06/89	NA	04/12/89
BAFB0506	03/23/89	NT	NT	NA	04/05/89	NA	04/05/89	NT	NT	NT	NT
BAFB0507	03/23/89	NA	04/07/89	NA	04/05/89	NA	04/05/89	NT	NT	NA	04/12/89
BAFB0508	03/23/89	NA	04/07/89	NA	04/05/89	NA	04/05/89	NT	NT	NA	04/12/89
BAFB0509	03/23/89	NA	04/07/89	NA	04/06/89	NA	04/06/89	NT	NT	NA	04/12/89
BAFB0532	04/20/89	NT	NT	NT	NT	NT	NT	04/24/89	04/26/89	NT	NT
BAFB0533	04/20/89	NT	NT	NT	NT	NT	NT	04/24/89	04/27/89	NT	NT

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0483	03/09/89	NA	03/16/89
BAFB0484	03/09/89	NA	03/16/89
BAFB0485	03/09/89	NA	03/16/89
BAFB0486	03/09/89	NT	NT
BAFB0504	03/22/89	NA	04/12/89
BAFB0505	03/23/89	NA	03/28/89
BAFB0506	03/23/89	NT	NT
BAFB0507	03/23/89	NA	03/28/89
BAFB0508	03/23/89	NA	03/28/89
BAFB0509	03/23/89	NA	03/28/89
BAFB0532	04/20/89	NT	NT
BAFB0533	04/20/89	NT	NT

(summary of extraction and analysis dates for Site 6 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0547	05/24/89	NA	05/30/89	NA	06/16/89	NA	06/16/89	NA	06/15/89	NA	06/15/89
BAFB0548	05/25/89	NA	06/01/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0549	05/25/89	NA	06/01/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0585	06/09/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0547	05/24/89	NA	06/15/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/05/89
BAFB0548	05/25/89	NA	07/03/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/13/89
BAFB0549	05/25/89	NA	07/03/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/13/89
BAFB0585	06/09/89	NA	07/03/89	NA	06/22/89	NA	06/27/89	NA	06/26/89	NA	06/23/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date
BAFB0547	05/24/89	NA	06/06/89	NA	06/05/89	NA	06/05/89	05/30/89	06/08/89	05/30/89	06/02/89
BAFB0548	05/25/89	NA	06/06/89	NA	06/06/89	NA	06/06/89	05/31/89	06/12/89	05/31/89	06/02/89
BAFB0549	05/25/89	NA	06/06/89	NA	06/06/89	NA	06/06/89	05/31/89	06/12/89	05/31/89	06/02/89
BAFB0585	06/09/89	NA	06/26/89	NA	06/23/89	NA	06/23/89	06/13/89	06/21/89	06/13/89	06/22/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0547	05/24/89	NA	05/30/89
BAFB0548	05/25/89	NA	05/30/89
BAFB0549	05/25/89	NA	05/30/89
BAFB0585	06/09/89	NA	06/14/89

(summary of extraction and analysis dates for Site 6 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0605	08/25/89	NA	08/31/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0606	08/28/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0607	08/28/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0608	08/29/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0605	08/25/89	NA	09/08/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0606	08/28/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0607	08/28/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0608	08/29/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0605	08/25/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	08/30/89	09/09/89	08/31/89	09/09/89
BAFB0606	08/28/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	09/01/89	09/23/89	09/05/89	09/09/89
BAFB0607	08/28/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	09/01/89	09/23/89	09/05/89	09/09/89
BAFB0608	08/29/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	09/01/89	09/23/89	09/05/89	09/09/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0605	08/25/89	NA	08/29/89
BAFB0606	08/28/89	NA	09/05/89
BAFB0607	08/28/89	NA	09/05/89
BAFB0608	08/29/89	NA	09/05/89

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 6

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0696	11/18/89	NA	11/21/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0689	11/15/89	11/20/89	/ /	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0688	11/15/89	NA	11/20/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0730	12/05/89	NA	12/11/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0696	11/18/89	NT	NT	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0689	11/15/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0688	11/15/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0730	12/05/89	NA	12/13/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date
BAFB0696	11/18/89	NA	12/01/89	NA	12/01/89	NA	12/01/89	11/20/89	12/06/89	11/22/89	12/15/89
BAFB0689	11/15/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	12/05/89	11/20/89	12/14/89
BAFB0688	11/15/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	12/05/89	11/20/89	12/14/89
BAFB0730	12/05/89	NA	12/22/89	NA	12/14/89	NA	12/14/89	12/11/89	01/15/90	12/07/89	12/18/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0696	11/18/89	NA	11/30/89
BAFB0689	11/15/89	NA	11/29/89
BAFB0688	11/15/89	NA	11/29/89
BAFB0730	12/05/89	NA	12/14/89

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 9

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	Method : ASA#9 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date	Method : SW8080 Extraction Date	Method : SW8080 Analysis Date	Method : SW8150 Extraction Date	Method : SW8150 Analysis Date
BAFB0204	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	12/23/88	12/31/88	NT	NT
BAFB0205	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	12/23/88	12/31/88	NT	NT
BAFB0206	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	12/23/88	12/31/88	NT	NT
BAFB0207	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	12/23/88	12/31/88	NT	NT
BAFB0211	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/30/88	12/23/88	12/31/88	NT	NT
BAFB0436	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT	02/08/89	02/08/89
BAFB0437	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT	02/08/89	02/08/89
BAFB0438	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT	02/08/89	02/08/89
BAFB0439	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT	02/08/89	02/08/89
BAFB0440	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT	02/06/89	02/07/89
BAFB0441	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT	02/06/89	02/07/89

Field Sample No.	Sampling Date	Method : SW8240 Extraction Date	Method : SW8240 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0204	12/09/88	NA	12/21/88	12/21/88	01/21/89	12/22/88	01/21/89	NA	12/21/88
BAFB0205	12/09/88	NA	12/21/88	12/21/88	01/21/89	12/22/88	01/21/89	NA	12/21/88
BAFB0206	12/09/88	NA	12/21/88	12/21/88	01/21/89	12/22/88	01/21/89	NA	12/21/88
BAFB0207	12/09/88	NA	12/21/88	12/21/88	01/21/89	12/22/88	01/21/89	NA	12/21/88
BAFB0211	12/09/88	NA	12/21/88	12/21/88	01/21/89	12/22/88	01/21/89	NA	12/21/88
BAFB0436	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0437	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0438	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0439	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0440	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0441	01/25/89	NT	NT	NT	NT	NT	NT	NT	NT

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 11

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date
BAFB0212	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/23/89	12/22/88	01/21/89
BAFB0213	12/09/88	NA	12/19/88	NA	12/30/88	NA	12/21/88	12/21/88	01/23/89	12/22/88	01/21/89
BAFB0280	12/16/88	NA	01/03/89	NA	01/09/89	NA	12/23/88	12/30/88	02/03/89	12/30/88	01/28/89
BAFB0281	12/16/88	NA	01/03/89	NA	01/09/89	NA	12/23/88	12/30/88	02/03/89	12/30/88	01/28/89
BAFB0406	01/13/89	NA	01/26/89	NA	01/31/89	NA	01/24/89	NT	NT	01/24/89	02/15/89
BAFB0416	01/13/89	NA	01/26/89	NA	01/31/89	NA	01/24/89	NT	NT	01/24/89	02/15/89
BAFB0417	01/13/89	NA	01/26/89	NA	01/31/89	NA	01/26/89	NT	NT	01/24/89	02/15/89
BAFB0541	05/03/89	NT	NT	NT	NT	NT	NT	05/12/89	05/19/89	NT	NT
BAFB0542	05/03/89	NT	NT	NT	NT	NT	NT	NA	05/19/89	NT	NT
BAFB0543	05/03/89	NT	NT	NT	NT	NT	NT	05/12/89	05/20/89	NT	NT

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0212	12/09/88	NA	12/21/88
BAFB0213	12/09/88	NA	12/21/88
BAFB0280	12/16/88	NA	12/29/88
BAFB0281	12/16/88	NA	12/29/88
BAFB0406	01/13/89	NA	01/17/89
BAFB0416	01/13/89	NA	01/17/89
BAFB0417	01/13/89	NA	01/17/89
BAFB0541	05/03/89	NT	NT
BAFB0542	05/03/89	NT	NT
BAFB0543	05/03/89	NT	NT

(summary of extraction and analysis dates for Site 11 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 11

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0526	04/04/89	NA	04/07/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/19/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date
BAFB0526	04/04/89	NA	04/21/89	NA	04/18/89	NA	04/18/89	NA	04/18/89	04/06/89	04/20/89

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	Analysis Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0526	04/04/89	NA	04/14/89	NA	04/07/89

(summary of extraction and analysis dates for Site 11 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 11

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0618	08/31/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0619	08/31/89	NA	09/06/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0620	08/31/89	NA	09/06/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0621	08/31/89	NA	09/06/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date
BAFB0618	08/31/89	NT	NT	NT	NT	NA	09/08/89	NA	09/08/89	NT	NT
BAFB0619	08/31/89	NA	09/20/89	NA	09/14/89	NA	09/08/89	NA	09/08/89	09/05/89	09/23/89
BAFB0620	08/31/89	NA	09/20/89	NA	09/14/89	NA	09/08/89	NA	09/08/89	09/05/89	09/23/89
BAFB0621	08/31/89	NA	09/20/89	NA	09/14/89	NA	09/08/89	NA	09/08/89	09/05/89	09/23/89

Field Sample No.	Sampling Date	Method : TFN-DI Extraction Date	Method : TFN-DI Analysis Date	Method : TFN-GA Extraction Date	Method : TFN-GA Analysis Date
BAFB0618	08/31/89	NT	NT	NT	NT
BAFB0619	08/31/89	09/06/89	09/09/89	NA	09/12/89
BAFB0620	08/31/89	09/06/89	09/09/89	NA	09/12/89
BAFB0621	08/31/89	09/06/89	09/09/89	NA	09/12/89

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW1010 Extraction Date	SW1010 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date
BAFB0106	12/06/88	NA	12/16/88	NT	NT	NA	12/19/88	NA	12/16/88	NA	12/09/88
BAFB0107	12/06/88	NA	12/16/88	NT	NT	NA	12/19/88	NA	12/16/88	NA	12/09/88
BAFB0108	12/06/88	NA	12/16/88	NT	NT	NA	12/21/88	NA	12/16/88	NA	12/09/88
BAFB0111	12/07/88	NA	12/16/88	NT	NT	NA	12/21/88	NA	12/28/88	NA	12/16/88
BAFB0113	12/07/88	NA	12/16/88	NT	NT	NA	12/21/88	NA	12/28/88	NA	12/16/88
BAFB0246	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0247	12/14/88	NA	12/28/88	NA	01/24/89	NA	01/06/89	NA	01/11/89	NA	12/21/88
BAFB0248	12/15/88	NA	01/03/89	NT	NT	NA	01/12/89	NA	01/14/89	NA	12/27/88
BAFB0249	12/15/88	NA	01/03/89	NT	NT	NA	01/12/89	NA	01/14/89	NA	12/27/88
BAFB0250	12/15/88	NA	01/03/89	NT	NT	NA	01/12/89	NA	01/14/89	NA	12/29/88
BAFB0251	12/15/88	NA	01/03/89	NT	NT	NA	01/12/89	NA	01/14/89	NA	12/29/88
BAFB0252	12/15/88	NA	01/03/89	NT	NT	NA	01/12/89	NA	01/14/89	NA	12/29/88
BAFB0254	12/15/88	NA	01/03/89	NT	NT	NA	01/09/89	NA	01/14/89	NA	12/29/88
BAFB0255	12/15/88	NA	01/03/89	NT	NT	NA	01/09/89	NA	01/14/89	NA	12/29/88
BAFB0256	12/15/88	NA	01/03/89	NT	NT	NA	01/09/89	NA	01/14/89	NA	12/29/88
BAFB0257	12/15/88	NA	01/03/89	NT	NT	NA	01/09/89	NA	01/14/89	NA	12/29/88
BAFB0258	12/16/88	NA	01/03/89	NT	NT	NA	01/09/89	NT	NT	NA	12/27/88
BAFB0259	12/16/88	NA	01/03/89	NT	NT	NA	01/09/89	NT	NT	NA	12/23/88
BAFB0287	12/16/88	NA	01/03/89	NT	NT	NA	01/09/89	NT	NT	NA	12/27/88
BAFB0288	12/16/88	NA	01/03/89	NT	NT	NA	01/09/89	NT	NT	NA	12/23/88
BAFB0289	12/16/88	NA	01/03/89	NT	NT	NA	01/09/89	NT	NT	NA	12/23/88
BAFB0290	12/19/88	NA	01/04/89	NT	NT	NA	01/11/89	NA	01/14/89	NT	NT
BAFB0291	12/19/88	NA	01/04/89	NT	NT	NA	01/11/89	NA	01/14/89	NA	12/29/88
BAFB0303	01/04/89	NA	01/25/89	NT	NT	NA	01/26/89	NA	01/17/89	NA	01/17/89
BAFB0305	01/04/89	NA	01/25/89	NT	NT	NA	01/26/89	NA	01/17/89	NA	01/17/89
BAFB0306	01/04/89	NA	01/25/89	NT	NT	NA	01/26/89	NA	01/17/89	NA	01/17/89
BAFB0307	01/04/89	NA	01/25/89	NT	NT	NA	01/26/89	NA	01/17/89	NA	01/17/89
BAFB0309	01/04/89	NA	01/25/89	NT	NT	NA	01/26/89	NA	01/17/89	NA	01/17/89
BAFB0310	01/04/89	NA	01/25/89	NT	NT	NA	01/26/89	NA	01/17/89	NA	01/17/89
BAFB0424	01/23/89	NA	02/09/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0426	01/23/89	NA	02/09/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0427	01/23/89	NA	02/09/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0428	01/23/89	NA	02/09/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0429	01/23/89	NA	02/09/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0430	01/23/89	NA	02/09/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0431	01/24/89	NA	02/08/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0432	01/24/89	NA	02/08/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0433	01/24/89	NA	02/08/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0434	01/25/89	NA	02/08/89	NT	NT	NT	NT	NA	02/09/89	NT	NT
BAFB0435	01/25/89	NA	02/08/89	NT	NT	NT	NT	NA	02/09/89	NT	NT

(summary of extraction and analysis dates for Site 13 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13
(Continued)

Field Sample No.	Sampling Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFN-DI Extraction Date	TFN-DI Analysis Date	Method : TFN-GA Extraction Date	TFN-GA Analysis Date
BAFB0106	12/06/88	12/16/88	01/23/89	12/15/88	01/05/89	NA	12/18/88
BAFB0107	12/06/88	12/16/88	01/23/89	12/15/88	01/05/89	NA	12/18/88
BAFB0108	12/06/88	12/16/88	01/23/89	12/15/88	01/05/89	NA	12/18/88
BAFB0111	12/07/88	12/19/88	01/21/89	12/15/88	01/09/89	NA	12/18/88
BAFB0113	12/07/88	12/19/88	01/21/89	12/15/88	01/09/89	NA	12/19/88
BAFB0246	12/14/88	12/28/88	02/03/89	12/28/86	01/27/89	NA	12/28/88
BAFB0247	12/14/88	12/28/88	02/03/89	12/28/88	01/27/89	NA	12/28/88
BAFB0248	12/15/88	12/29/88	02/03/89	NA	01/27/89	NA	12/29/88
BAFB0249	12/15/88	12/29/88	02/03/89	NA	01/27/89	NA	12/29/88
BAFB0250	12/15/88	12/29/88	02/03/89	NA	01/27/89	NA	12/29/88
BAFB0251	12/15/88	12/29/88	02/03/89	NA	01/27/89	NA	12/29/88
BAFB0252	12/15/88	12/29/88	02/03/89	NT	NT	NA	12/29/88
BAFB0254	12/15/88	12/29/88	02/03/89	12/29/88	01/27/89	NA	12/29/88
BAFB0255	12/15/88	12/29/88	02/03/89	12/29/88	01/27/89	NA	12/29/88
BAFB0256	12/15/88	12/29/88	02/03/89	12/29/88	01/27/89	NA	12/29/88
BAFB0257	12/15/88	12/29/88	02/03/89	12/29/88	01/27/89	NA	12/29/88
BAFB0258	12/16/88	12/30/88	02/03/89	12/30/88	01/28/89	NA	12/29/88
BAFB0259	12/16/88	12/30/88	02/03/89	12/30/88	01/28/89	NA	12/29/88
BAFB0287	12/16/88	12/30/88	02/03/89	12/30/88	01/28/89	NA	12/29/88
BAFB0288	12/16/88	12/30/88	02/03/89	12/30/88	01/28/89	NA	12/29/88
BAFB0289	12/16/88	12/30/88	02/04/89	12/30/88	01/28/89	NA	12/29/88
BAFB0290	12/19/88	12/30/88	02/04/89	12/30/88	01/30/89	NA	12/30/88
BAFB0291	12/19/88	12/30/88	02/04/89	12/30/88	01/30/89	NA	12/30/88
BAFB0303	01/04/89	01/18/89	02/08/89	01/17/89	02/07/89	NA	01/07/89
BAFB0305	01/04/89	01/18/89	02/08/89	01/17/89	02/07/89	NA	01/07/89
BAFB0306	01/04/89	01/18/89	02/08/89	01/17/89	02/07/89	NA	01/07/89
BAFB0307	01/04/89	01/18/89	02/08/89	01/17/89	02/07/89	NA	01/07/89
BAFB0309	01/04/89	01/18/89	02/08/89	01/17/89	02/07/89	NA	01/07/89
BAFB0310	01/04/89	01/18/89	02/08/89	01/17/89	02/07/89	NA	01/07/89
BAFB0424	01/23/89	NT	NT	NT	NT	NT	NT
BAFB0426	01/23/89	NT	NT	NT	NT	NT	NT
BAFB0427	01/23/89	NT	NT	NT	NT	NT	NT
BAFB0428	01/23/89	NT	NT	NT	NT	NT	NT
BAFB0429	01/23/89	NT	NT	NT	NT	NT	NT
BAFB0430	01/23/89	NT	NT	NT	NT	NT	NT
BAFB0431	01/24/89	NT	NT	NT	NT	NT	NT
BAFB0432	01/24/89	NT	NT	NT	NT	NT	NT
BAFB0433	01/24/89	NT	NT	NT	NT	NT	NT
BAFB0434	01/25/89	NT	NT	NT	NT	NT	NT
BAFB0435	01/25/89	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 13 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0459	02/13/89	NA	02/20/89	NA	02/27/89	NA	03/02/89	NA	03/08/89	NA	03/01/89
BAFB0461	02/13/89	NA	02/20/89	NA	02/27/89	NA	03/02/89	NA	03/08/89	NA	03/01/89
BAFB0467	02/28/89	NA	03/03/89	NA	03/24/89	NA	03/02/89	NA	03/16/89	NA	03/15/89
BAFB0470	03/01/89	NA	03/07/89	NA	03/24/89	NA	03/17/89	NA	03/16/89	NA	03/28/89
BAFB0500	03/20/89	NA	03/24/89	NA	04/06/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0501	03/22/89	NA	03/24/89	NA	04/06/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0502	03/22/89	NA	03/24/89	NA	04/06/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0503	03/22/89	NA	03/24/89	NA	04/06/89	NA	04/12/89	NA	04/05/89	NA	04/10/89
BAFB0529	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0530	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0531	04/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	E410.4 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date
BAFB0459	02/13/89	NA	02/23/89	NA	03/02/89	NA	03/15/89	NA	03/09/89	NA	03/01/89
BAFB0461	02/13/89	NA	02/23/89	NA	03/02/89	NA	03/15/89	NA	03/09/89	NA	03/01/89
BAFB0467	02/28/89	NA	03/14/89	NA	03/14/89	NA	03/15/89	NA	03/18/89	NA	03/16/89
BAFB0470	03/01/89	NA	03/14/89	NA	03/16/89	NA	03/23/89	NA	03/18/89	NA	03/16/89
BAFB0500	03/20/89	NA	04/04/89	NA	04/07/89	NA	04/10/89	NA	04/10/89	NA	04/03/89
BAFB0501	03/22/89	NA	04/04/89	NA	04/07/89	NA	04/03/89	NA	04/03/89	NA	04/06/89
BAFB0502	03/22/89	NA	04/04/89	NA	04/07/89	NA	04/03/89	NA	04/03/89	NA	04/06/89
BAFB0503	03/22/89	NA	04/04/89	NA	04/07/89	NA	04/03/89	NA	04/03/89	NA	04/06/89
BAFB0529	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0530	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0531	04/20/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 13 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13
(Continued)

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date
BAFB0459	02/13/89	NA	03/17/89	NA	02/24/89	NA	02/24/89	02/20/89	03/17/89
BAFB0461	02/13/89	NA	03/17/89	NA	02/24/89	NA	02/24/89	02/20/89	03/17/89
BAFB0467	02/28/89	NA	03/24/89	NA	03/07/89	NA	03/07/89	03/03/89	03/21/89
BAFB0470	03/01/89	NA	03/24/89	NA	03/14/89	NA	03/14/89	03/08/89	03/22/89
BAFB0500	03/20/89	NA	04/07/89	NA	04/03/89	NA	04/03/89	NT	NT
BAFB0501	03/22/89	NA	04/07/89	NA	04/04/89	NA	04/04/89	NT	NT
BAFB0502	03/22/89	NA	04/07/89	NA	04/04/89	NA	04/04/89	NT	NT
BAFB0503	03/22/89	NA	04/07/89	NA	04/04/89	NA	04/04/89	NT	NT
BAFB0529	04/18/89	NT	NT	NT	NT	NT	NT	04/20/89	04/25/89
BAFB0530	04/18/89	NT	NT	NT	NT	NT	NT	04/25/89	04/25/89
BAFB0531	04/20/89	NT	NT	NT	NT	NT	NT	04/24/89	04/26/89

(summary of extraction and analysis dates for Site 13 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0561	06/01/89	NA	06/08/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0562	06/01/89	NA	06/08/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0563	06/01/89	NA	06/08/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0564	06/01/89	NA	06/08/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0565	06/01/89	NA	06/08/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0566	06/02/89	NA	06/09/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/28/89
BAFB0567	06/02/89	NA	06/09/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0568	06/02/89	NA	06/09/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0569	06/02/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0570	06/02/89	NA	06/09/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0590	06/12/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0591	06/12/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0592	06/12/89	NA	06/19/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0593	06/12/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0561	06/01/89	NA	07/03/89	NA	06/14/89	NA	06/08/89	NA	06/09/89	NA	06/14/89
BAFB0562	06/01/89	NA	07/03/89	NA	06/14/89	NA	06/08/89	NA	06/09/89	NA	06/14/89
BAFB0563	06/01/89	NA	07/03/89	NA	06/14/89	NA	06/08/89	NA	06/09/89	NA	06/14/89
BAFB0564	06/01/89	NA	07/03/89	NA	06/14/89	NA	06/08/89	NA	06/09/89	NA	06/14/89
BAFB0565	06/01/89	NA	07/03/89	NA	06/14/89	NA	06/08/89	NA	06/09/89	NA	06/14/89
BAFB0566	06/02/89	NA	07/03/89	NA	06/14/89	NA	06/17/89	NA	06/26/89	NA	06/13/89
BAFB0567	06/02/89	NA	07/03/89	NA	06/14/89	NA	06/17/89	NA	06/26/89	NA	06/13/89
BAFB0568	06/02/89	NA	07/03/89	NA	06/14/89	NA	06/17/89	NA	06/26/89	NA	06/13/89
BAFB0569	06/02/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0570	06/02/89	NA	07/03/89	NA	06/14/89	NA	06/17/89	NA	06/26/89	NA	06/13/89
BAFB0590	06/12/89	NA	07/03/89	NA	06/22/89	NA	07/07/89	NA	07/09/89	NA	06/23/89
BAFB0591	06/12/89	NA	07/03/89	NA	06/22/89	NA	07/07/89	NA	07/09/89	NA	06/23/89
BAFB0592	06/12/89	NA	07/03/89	NA	06/22/89	NA	07/07/89	NA	07/09/89	NA	06/23/89
BAFB0593	06/12/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 13 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13
(Continued)

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	SW7740 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0561	06/01/89	NA	06/08/89	NA	06/14/89	NA	06/14/89	NT	NT
BAFB0562	06/01/89	NA	06/08/89	NA	06/14/89	NA	06/14/89	NT	NT
BAFB0563	06/01/89	NA	06/09/89	NA	06/14/89	NA	06/14/89	NT	NT
BAFB0564	06/01/89	NA	06/08/89	NA	06/14/89	NA	06/14/89	NT	NT
BAFB0565	06/01/89	NA	06/08/89	NA	06/14/89	NA	06/14/89	NT	NT
BAFB0566	06/02/89	NA	06/26/89	NA	06/15/89	NA	06/15/89	06/06/89	06/15/89
BAFB0567	06/02/89	NA	06/26/89	NA	06/15/89	NA	06/15/89	06/06/89	06/15/89
BAFB0568	06/02/89	NA	06/26/89	NA	06/15/89	NA	06/15/89	06/06/89	06/15/89
BAFB0569	06/02/89	NT	NT	NA	06/15/89	NA	06/15/89	NT	NT
BAFB0570	06/02/89	NA	06/26/89	NA	06/15/89	NA	06/15/89	06/06/89	06/15/89
BAFB0590	06/12/89	NA	07/06/89	NA	06/24/89	NA	06/24/89	06/14/89	06/22/89
BAFB0591	06/12/89	NA	07/06/89	NA	06/24/89	NA	06/24/89	06/14/89	06/22/89
BAFB0592	06/12/89	NA	07/06/89	NA	06/24/89	NA	06/24/89	06/14/89	06/22/89
BAFB0593	06/12/89	NT	NT	NA	06/24/89	NA	06/24/89	NT	NT

(summary of extraction and analysis dates for Site 13 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13/OFF BASE WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0657	09/19/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0659	09/19/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0660	09/20/89	NA	09/25/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0661	09/20/89	NA	09/25/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0662	09/20/89	NA	09/25/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0663	09/20/89	NA	09/25/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0664	09/21/89	NA	09/27/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0665	09/21/89	NA	09/27/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89
BAFB0666	09/21/89	NA	09/27/89	NA	10/12/89	NA	10/13/89	NA	10/12/89	NA	10/13/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	E410.4 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date
BAFB0657	09/19/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0659	09/19/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0660	09/20/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0661	09/20/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0662	09/20/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0663	09/20/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0664	09/21/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0665	09/21/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89
BAFB0666	09/21/89	NA	10/06/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	SW7740 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0657	09/19/89	NA	10/07/89	NA	10/03/89	NA	10/03/89	09/26/89	10/11/89
BAFB0659	09/19/89	NA	10/07/89	NA	10/03/89	NA	10/03/89	09/26/89	10/11/89
BAFB0660	09/20/89	NA	10/04/89	NA	10/04/89	NA	10/04/89	09/26/89	10/16/89
BAFB0661	09/20/89	NA	10/04/89	NA	10/04/89	NA	10/04/89	09/26/89	10/16/89
BAFB0662	09/20/89	NA	10/07/89	NA	10/04/89	NA	10/04/89	09/26/89	10/16/89
BAFB0663	09/20/89	NA	10/07/89	NA	10/04/89	NA	10/04/89	09/26/89	10/16/89
BAFB0664	09/21/89	NA	10/07/89	NA	10/05/89	NA	10/05/89	09/28/89	10/17/89
BAFB0665	09/21/89	NA	10/07/89	NA	10/05/89	NA	10/05/89	09/28/89	10/17/89
BAFB0666	09/21/89	NA	10/07/89	NA	10/05/89	NA	10/05/89	09/28/89	10/17/89
BAFB0672	09/26/89	NT	NT	NA	10/06/89	NA	10/06/89	NT	NT
BAFB0673	09/26/89	NT	NT	NA	10/06/89	NA	10/06/89	NT	NT
BAFB0674	09/26/89	NT	NT	NA	10/06/89	NA	10/06/89	NT	NT

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13/OFF BASE WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0681	11/13/89	NA	11/15/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0687	11/15/89	NA	11/20/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0683	11/14/89	NA	11/20/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0684	11/14/89	NA	11/20/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0685	11/14/89	NA	11/20/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0686	11/14/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0703	11/21/89	NA	11/27/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0709	11/27/89	NA	12/04/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0680	11/13/89	NA	11/15/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0682	11/14/89	NA	11/20/89	NA	11/29/89	NA	12/01/89	NA	11/28/89	NA	11/27/89
BAFB0702	11/20/89	NA	11/22/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0737	12/11/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0738	12/11/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0741	12/12/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0726	12/04/89	NA	12/11/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0727	12/04/89	NA	12/11/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0728	12/04/89	NA	12/11/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0729	12/04/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	E410.4 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date
BAFB0681	11/13/89	NA	11/17/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0687	11/15/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0683	11/14/89	NA	11/17/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0684	11/14/89	NA	11/17/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0685	11/14/89	NA	11/17/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0686	11/14/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0703	11/21/89	NA	12/04/89	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0709	11/27/89	NA	12/04/89	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0680	11/13/89	NA	11/17/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0682	11/14/89	NA	11/17/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0702	11/20/89	NA	11/27/89	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0737	12/11/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0738	12/11/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0741	12/12/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0726	12/04/89	NA	12/13/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0727	12/04/89	NA	12/13/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0728	12/04/89	NA	12/13/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0729	12/04/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 1 continued on next page)

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 13/OFF BASE WELLS
(Continued)

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	SW7740 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0681	11/13/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	11/22/89
BAFB0687	11/15/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	12/05/89
BAFB0683	11/14/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	11/22/89
BAFB0684	11/14/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	11/22/89
BAFB0685	11/14/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	11/22/89
BAFB0686	11/14/89	NT	NT	NA	11/22/89	NA	11/22/89	NT	NT
BAFB0703	11/21/89	NA	12/13/89	NA	12/04/89	NA	12/04/89	11/27/89	12/14/89
BAFB0709	11/27/89	NA	12/13/89	NA	12/09/89	NA	12/09/89	11/30/89	12/21/89
BAFB0680	11/13/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	11/22/89
BAFB0682	11/14/89	NA	12/01/89	NA	11/22/89	NA	11/22/89	11/16/89	11/22/89
BAFB0702	11/20/89	NA	12/13/89	NA	12/04/89	NA	12/04/89	11/22/89	12/14/89
BAFB0737	12/11/89	NT	NT	NA	12/23/89	NT	NT	NT	NT
BAFB0738	12/11/89	NT	NT	NA	12/23/89	NT	NT	NT	NT
BAFB0741	12/12/89	NT	NT	NA	12/23/89	NT	NT	NT	NT
BAFB0726	12/04/89	NA	12/22/89	NA	12/15/89	NA	12/15/89	12/06/89	01/09/90
BAFB0727	12/04/89	NA	12/22/89	NA	12/15/89	NA	12/15/89	12/06/89	01/13/90
BAFB0728	12/04/89	NA	12/22/89	NA	12/18/89	NA	12/18/89	12/06/89	01/15/90
BAFB0729	12/04/89	NT	NT	NA	12/18/89	NA	12/18/89	NT	NT

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0082	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/12/88	NA	12/14/88	12/08/88	01/10/89
BAFB0083	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/12/88	NA	12/14/88	12/08/88	01/10/89
BAFB0084	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/12/88	NA	12/14/88	12/08/88	01/11/89
BAFB0085	11/30/88	NA	12/08/88	NA	12/13/88	NA	12/12/88	NA	12/14/88	12/08/88	01/11/89
BAFB0086	11/30/88	NA	12/08/88	NA	12/14/88	NA	12/12/88	NA	12/14/88	12/08/88	01/10/89
BAFB0139	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/08/88	12/08/88	01/11/89
BAFB0140	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/08/88	12/08/88	01/11/89
BAFB0141	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/08/88	12/08/88	01/13/89
BAFB0142	12/01/88	NA	12/08/88	NA	12/15/88	NA	12/12/88	NA	12/08/88	12/08/88	01/13/89
BAFB0143	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/19/88	12/13/88	01/18/89
BAFB0145	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/20/89
BAFB0146	12/05/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/09/88	12/16/88	01/20/89
BAFB0147	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/18/88	12/16/88	01/22/89
BAFB0148	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/19/88	12/16/88	01/23/89
BAFB0149	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/19/88	12/16/88	01/23/89
BAFB0150	12/05/88	NA	12/16/88	NA	12/20/88	NA	12/22/88	NA	12/19/88	12/16/88	01/23/89
BAFB0151	12/06/88	NA	12/16/88	NA	12/21/88	NA	12/16/88	NA	12/09/88	12/16/88	01/23/89
BAFB0152	12/06/88	NA	12/16/88	NA	12/21/88	NA	12/22/88	NA	12/18/88	12/16/88	01/23/89
BAFB0153	12/06/88	NA	12/16/88	NA	12/21/88	NA	12/22/88	NA	12/18/88	12/16/88	01/23/89
BAFB0154	12/06/88	NA	12/16/88	NA	12/21/88	NA	12/22/88	NA	12/18/88	12/16/88	01/23/89
BAFB0155	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/19/88	01/21/89
BAFB0156	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/19/88	01/21/89
BAFB0157	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/19/88	01/20/89
BAFB0158	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/18/88	12/20/88	01/19/89
BAFB0159	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0160	12/07/88	NA	12/16/88	NA	12/21/88	NA	12/28/88	NA	12/16/88	12/20/88	01/19/89
BAFB0161	12/07/88	NA	12/16/88	NA	12/29/88	NA	12/28/88	NA	12/18/88	12/20/88	01/20/89
BAFB0162	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/20/88	12/20/88	01/20/89
BAFB0163	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/20/88	12/20/88	01/20/89
BAFB0184	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/13/88	01/17/89
BAFB0185	12/02/88	NA	12/12/88	NA	12/19/88	NA	12/16/88	NA	12/19/88	12/13/88	01/17/89

(summary of extraction and analysis dates for Site 15 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15
(Continued)

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	Analysis Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0082	11/30/88	12/07/88	12/27/88	NA	12/10/88
BAFB0083	11/30/88	12/07/88	12/27/88	NA	12/10/88
BAFB0084	11/30/88	12/07/88	12/27/88	NA	12/10/88
BAFB0085	11/30/88	12/07/88	12/27/88	NA	12/10/88
BAFB0086	11/30/88	12/07/88	12/27/88	NA	12/10/88
BAFB0139	12/01/88	12/09/88	12/29/88	NA	12/12/88
BAFB0140	12/01/88	12/09/88	12/29/88	NA	12/12/88
BAFB0141	12/01/88	12/09/88	12/29/88	NA	12/12/88
BAFB0142	12/01/88	12/09/88	12/29/88	NA	12/13/88
BAFB0143	12/02/88	12/09/88	12/31/88	NA	12/12/88
BAFB0145	12/05/88	12/14/88	01/04/89	NA	12/14/88
BAFB0146	12/05/88	12/14/88	01/04/89	NA	12/14/88
BAFB0147	12/05/88	12/15/88	01/05/89	NA	12/17/88
BAFB0148	12/05/88	12/15/88	01/05/89	NA	12/17/88
BAFB0149	12/05/88	12/15/88	01/05/89	NA	12/19/88
BAFB0150	12/05/88	12/15/88	01/05/89	NA	12/18/88
BAFB0151	12/06/88	12/15/88	01/05/89	NA	12/18/88
BAFB0152	12/06/88	12/19/88	01/06/89	NA	12/18/88
BAFB0153	12/06/88	12/19/88	01/06/89	NA	12/18/88
BAFB0154	12/06/88	12/19/88	01/06/89	NA	12/18/88
BAFB0155	12/07/88	12/15/88	01/09/89	NA	12/19/88
BAFB0156	12/07/88	12/15/88	01/09/89	NA	12/19/88
BAFB0157	12/07/88	12/19/88	01/06/89	NA	12/19/88
BAFB0158	12/07/88	12/19/88	01/06/89	NA	12/19/88
BAFB0159	12/07/88	12/19/88	01/06/89	NA	12/19/88
BAFB0160	12/07/88	12/19/88	01/06/89	NA	12/19/88
BAFB0161	12/07/88	12/19/88	01/10/89	NA	12/19/88
BAFB0162	12/08/88	12/21/88	01/10/89	NA	12/19/88
BAFB0163	12/08/88	12/21/88	01/10/89	NA	12/19/88
BAFB0184	12/02/88	12/09/88	12/31/88	NA	12/12/88
BAFB0185	12/02/88	12/09/88	12/31/88	NA	12/12/88

(summary of extraction and analysis dates for Site 15 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0510	03/29/89	NA	04/03/89	NA	04/14/89	NA	04/12/89	NA	04/13/89	NA	04/19/89
BAFB0512	03/30/89	NA	04/05/89	NA	04/14/89	NA	04/12/89	NA	04/13/89	NA	04/17/89
BAFB0514	03/30/89	NA	04/05/89	NA	04/14/89	NA	04/12/89	NT	NT	NA	04/17/89
BAFB0515	03/30/89	NA	04/05/89	NA	04/14/89	NA	04/12/89	NA	04/13/89	NA	04/17/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0510	03/29/89	NA	04/14/89	NA	04/18/89	NA	04/19/89	NA	04/14/89	NA	04/20/89
BAFB0512	03/30/89	NA	04/14/89	NA	04/20/89	NA	04/21/89	NA	04/18/89	NA	04/20/89
BAFB0514	03/30/89	NA	04/14/89	NA	04/20/89	NA	04/21/89	NA	04/18/89	NA	04/20/89
BAFB0515	03/30/89	NA	04/14/89	NA	04/20/89	NA	04/21/89	NA	04/18/89	NA	04/20/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0510	03/29/89	NA	04/17/89	NA	04/12/89	NA	04/12/89	03/30/89	04/13/89	NA	04/12/89
BAFB0512	03/30/89	NA	04/20/89	NA	04/12/89	NA	04/12/89	NA	04/20/89	NA	04/12/89
BAFB0514	03/30/89	NA	04/20/89	NA	04/12/89	NA	04/12/89	04/04/89	04/20/89	NA	04/12/89
BAFB0515	03/30/89	NA	04/20/89	NA	04/12/89	NA	04/12/89	04/04/89	04/20/89	NA	04/12/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0510	03/29/89	NA	04/05/89
BAFB0512	03/30/89	NA	04/05/89
BAFB0514	03/30/89	NA	04/05/89
BAFB0515	03/30/89	NA	04/05/89

(summary of extraction and analysis dates for Site 15 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0550	05/26/89	NA	06/01/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0551	05/26/89	NA	06/01/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0552	05/26/89	NA	06/01/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0553	05/26/89	NA	06/01/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0550	05/26/89	NA	07/03/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/13/89
BAFB0551	05/26/89	NA	07/03/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/13/89
BAFB0552	05/26/89	NA	07/03/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/14/89
BAFB0553	05/26/89	NA	07/03/89	NA	06/07/89	NA	06/06/89	NA	06/07/89	NA	06/14/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0550	05/26/89	NA	06/06/89	NA	06/05/89	NA	06/05/89	05/31/89	06/12/89	NA	06/02/89
BAFB0551	05/26/89	NA	06/06/89	NA	06/05/89	NA	06/05/89	05/31/89	06/12/89	NA	06/02/89
BAFB0552	05/26/89	NA	06/06/89	NA	06/06/89	NA	06/06/89	05/31/89	06/12/89	NA	06/02/89
BAFB0553	05/26/89	NA	06/06/89	NA	06/06/89	NA	06/06/89	05/31/89	06/12/89	NA	06/02/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0550	05/26/89	NA	05/30/89
BAFB0551	05/26/89	NA	05/30/89
BAFB0552	05/26/89	NA	05/30/89
BAFB0553	05/26/89	NA	05/30/89

(summary of extraction and analysis dates for Site 15 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0609	08/29/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/16/89	NA	09/16/89
BAFB0610	08/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0611	08/29/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0612	08/29/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0613	08/29/89	NA	09/01/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0614	08/30/89	NA	09/05/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0615	08/30/89	NA	09/05/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	E410.4 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date
BAFB0609	08/29/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0610	08/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0611	08/29/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0612	08/29/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0613	08/29/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0614	08/30/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0615	08/30/89	NA	09/11/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	SW7740 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TPH-DI Extraction Date	TPH-DI Analysis Date
BAFB0609	08/29/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	09/01/89	09/23/89	09/05/89	09/09/89
BAFB0610	08/29/89	NT	NT	NA	09/06/89	NA	09/07/89	NT	NT	NT	NT
BAFB0611	08/29/89	NA	09/14/89	NA	09/07/89	NA	09/07/89	09/01/89	09/23/89	09/05/89	09/09/89
BAFB0612	08/29/89	NA	09/14/89	NA	09/07/89	NA	09/07/89	09/01/89	09/23/89	09/05/89	09/09/89
BAFB0613	08/29/89	NA	09/14/89	NA	09/07/89	NA	09/07/89	09/01/89	09/23/89	09/05/89	09/09/89
BAFB0614	08/30/89	NA	09/14/89	NA	09/07/89	NA	09/07/89	09/06/89	09/23/89	09/06/89	09/09/89
BAFB0615	08/30/89	NA	09/14/89	NA	09/07/89	NA	09/07/89	09/06/89	09/23/89	09/06/89	09/09/89

(summary of extraction and analysis dates for Site 15 continued next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15
(Continued)

Field Sample No.	Sampling Date	Method : TFN-GA Extraction Date	Analysis Date
BAFB0609	08/29/89	NA	09/05/89
BAFB0610	08/29/89	NT	NT
BAFB0611	08/29/89	NA	09/05/89
BAFB0612	08/29/89	NA	09/05/89
BAFB0613	08/29/89	NA	09/05/89
BAFB0614	08/30/89	NA	09/05/89
BAFB0615	08/30/89	NA	09/05/89

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 15

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0695	11/18/89	NA	11/21/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0694	11/18/89	NA	11/21/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0697	11/19/89	NA	11/21/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0700	11/20/89	NA	11/22/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0695	11/18/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0694	11/18/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0697	11/19/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0700	11/20/89	NA	11/27/89	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date
BAFB0695	11/18/89	NA	12/01/89	NA	12/01/89	NA	12/01/89	11/20/89	12/06/89	11/22/89	12/15/89
BAFB0694	11/18/89	NA	12/01/89	NA	12/01/89	NA	12/01/89	11/20/89	12/06/89	11/22/89	12/15/89
BAFB0697	11/19/89	NA	12/01/89	NA	12/01/89	NA	12/01/89	11/20/89	12/07/89	11/22/89	12/15/89
BAFB0700	11/20/89	NA	12/13/89	NA	12/04/89	NA	12/04/89	11/22/89	12/14/89	11/22/89	12/15/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0695	11/18/89	NA	11/30/89
BAFB0694	11/18/89	NA	11/30/89
BAFB0697	11/19/89	NA	11/30/89
BAFB0700	11/20/89	NA	11/29/89

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 16

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date	Method : SW8240 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date
BAFB0076	11/23/88	NA	12/05/88	NA	12/09/88	NA	12/06/88	NA	12/06/88	12/05/88	01/06/89
BAFB0077	11/23/88	NA	12/05/88	NA	12/13/88	NA	12/06/88	NA	12/06/88	12/05/88	01/07/89
BAFB0078	11/23/88	NA	12/05/88	NA	12/13/88	NA	12/12/88	NA	12/06/88	12/05/88	01/07/89

Field Sample No.	Sampling Date	Method : TFH-DI Extraction Date	Analysis Date	Method : TFH-GA Extraction Date	Analysis Date	Method : USA48 Extraction Date	Analysis Date
BAFB0076	11/23/88	12/01/88	12/24/88	NA	12/06/88	NA	01/03/89
BAFB0077	11/23/88	NA	12/24/88	NT	NT	NA	01/03/89
BAFB0078	11/23/88	12/01/88	12/24/88	NA	12/07/88	NA	01/03/89

(summary of extraction and analysis dates for Site 16 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 16

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0490	03/14/89	NA	03/20/89	NA	04/06/89	NA	03/30/89	NA	03/31/89	NA	04/03/89
BAFB0527	03/14/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date
BAFB0490	03/14/89	NA	03/27/89	NA	03/30/89	NA	03/30/89	NA	03/27/89	NA	03/29/89
BAFB0527	03/14/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0490	03/14/89	NA	03/24/89	NA	03/24/89	03/16/89	03/28/89	NA	04/04/89	NA	03/16/89
BAFB0527	03/14/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : USGS01 Extraction Date	Method : USGS01 Analysis Date
BAFB0490	03/14/89	NT	NT
BAFB0527	03/14/89	NA	05/22/89

(summary of extraction and analysis dates for Site 16 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 16

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0577	06/07/89	NA	06/14/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0577	06/07/89	NA	07/03/89	NA	06/20/89	NA	06/27/89	NA	06/26/89	NA	06/23/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0577	06/07/89	NA	06/26/89	NA	06/21/89	NA	06/21/89	06/09/89	06/16/89	06/12/89	06/14/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0577	06/07/89	NA	06/14/89

(summary of extraction and analysis dates for Site 16 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 16

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0656	09/19/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/13/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date
BAFB0656	09/19/89	NA	10/06/89	NA	10/07/89	NA	10/06/89	NA	10/04/89	NA	10/07/89

Field Sample No.	Sampling Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0656	09/19/89	NA	10/03/89	NA	10/03/89	09/26/89	10/11/89	NA	10/27/89	NA	09/25/89

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 18

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0001	11/16/88	NA	11/29/88	NA	12/05/88	NA	11/26/88	11/17/88	11/23/88	NA	11/29/88
BAFB0002	11/16/88	NA	11/29/88	NA	12/05/88	NA	11/18/88	11/17/88	11/23/88	NA	11/29/88
BAFB0003	11/16/88	NA	11/29/88	NA	12/05/88	NA	11/26/88	11/17/88	11/23/88	NA	11/29/88
BAFB0004	11/16/88	NA	11/29/88	NA	12/05/88	NA	11/18/88	11/17/88	11/23/88	NA	11/29/88
BAFB0005	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/26/88	11/22/88	11/28/88	NA	11/30/88
BAFB0006	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/26/88	11/22/88	11/28/88	NA	11/30/88
BAFB0007	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/26/88	11/22/88	11/28/88	NA	11/30/88
BAFB0008	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/26/88	11/22/88	11/28/88	NA	11/30/88
BAFB0009	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/28/88	11/22/88	11/28/88	NA	11/30/88
BAFB0010	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/28/88	11/22/88	11/28/88	NA	11/30/88
BAFB0011	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/29/88	11/22/88	11/28/88	NA	11/30/88
BAFB0012	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/28/88	11/22/88	11/28/88	NA	11/30/88
BAFB0013	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/29/88	11/22/88	11/28/88	NA	11/30/88
BAFB0014	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/28/88	11/22/88	11/28/88	NA	11/30/88
BAFB0015	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/28/88	11/22/88	11/28/88	NA	11/30/88
BAFB0016	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/28/88	11/22/88	11/28/88	NA	11/30/88
BAFB0017	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	11/30/88
BAFB0018	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	11/30/88
BAFB0019	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0020	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0021	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0022	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0024	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0025	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0026	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0027	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0028	11/17/88	NA	01/29/89	NA	12/05/88	NA	11/23/88	11/22/88	11/28/88	NA	12/01/88
BAFB0040	11/21/88	NA	12/02/88	NA	12/09/88	NA	11/29/88	NA	12/02/88	NA	12/02/88
BAFB0041	11/21/88	NA	12/02/88	NA	12/09/88	NA	11/29/88	11/23/88	12/14/88	NA	12/02/88
BAFB0042	11/21/88	NA	12/02/88	NA	12/09/88	NA	11/29/88	11/23/88	12/14/88	NA	12/05/88
BAFB0043	11/21/88	NA	12/02/88	NA	12/09/88	NA	11/29/88	11/23/88	12/14/88	NA	12/05/88
BAFB0044	11/21/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	11/29/88	12/17/88	NA	12/05/88
BAFB0046	11/21/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	11/29/88	12/17/88	NA	12/05/88
BAFB0047	11/21/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	11/29/88	12/17/88	NA	12/05/88
BAFB0048	11/21/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	11/29/88	12/17/88	NA	12/05/88
BAFB0049	11/21/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	11/29/88	12/17/88	NA	12/05/88
BAFB0050	11/21/88	NA	12/02/88	NA	12/05/88	NA	11/30/88	11/23/88	12/15/88	NA	12/05/88
BAFB0051	11/21/88	NA	12/02/88	NA	12/05/88	NA	11/30/88	11/23/88	12/15/88	NA	12/02/88
BAFB0052	11/21/88	NA	12/02/88	NA	12/05/88	NA	11/30/88	11/23/88	12/15/88	NA	12/02/88
BAFB0353	01/03/89	NA	01/24/89	NA	01/26/89	NA	01/05/89	NA	02/07/89	NA	01/06/89
BAFB0354	01/03/89	NA	01/24/89	NA	01/23/89	NA	01/11/89	01/17/89	02/07/89	NA	01/06/89

(summary of extraction and analysis dates for Site 18 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 18
(Continued)

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0355	01/03/89	NA	01/24/89	NA	01/23/89	NA	01/05/89	01/17/89	02/07/89	NA	01/06/89
BAFB0356	01/03/89	NA	01/24/89	NA	01/23/89	NA	01/05/89	01/17/89	02/07/89	NA	01/06/89
BAFB0357	01/03/89	NA	01/24/89	NA	01/25/89	NA	01/11/89	01/17/89	02/07/89	NA	01/06/89
BAFB0358	01/03/89	NA	01/24/89	NA	01/25/89	NA	01/11/89	01/17/89	02/07/89	NA	01/07/89
BAFB0359	01/03/89	NA	01/24/89	NA	01/25/89	NA	01/12/89	01/17/89	02/07/89	NA	01/07/89
BAFB0360	01/03/89	NA	01/24/89	NA	01/25/89	NA	01/12/89	01/17/89	02/07/89	NA	01/07/89
BAFB0361	01/03/89	NA	01/24/89	NA	01/25/89	NA	01/12/89	01/17/89	02/07/89	NA	01/07/89
BAFB0362	01/03/89	NA	01/24/89	NA	01/25/89	NA	01/11/89	01/17/89	02/07/89	NA	01/07/89

(summary of extraction and analysis dates for Site 18 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 18

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0448	02/13/89	NA	02/16/89	NA	02/24/89	NA	03/02/89	NA	03/03/89	NA	03/21/89
BAFB0452	02/14/89	NA	02/16/89	NA	02/24/89	NA	03/07/89	NA	03/03/89	NA	02/21/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date
BAFB0448	02/13/89	NA	02/28/89	NA	02/28/89	NA	02/24/89	NA	02/24/89	NA	02/22/89
BAFB0452	02/14/89	NA	03/02/89	NA	03/09/89	NA	02/24/89	NA	02/24/89	NA	02/22/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0448	02/13/89	NA	02/17/89
BAFB0452	02/14/89	NA	02/17/89

(summary of extraction and analysis dates for Site 18 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 18

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0616	08/30/89	NA	09/05/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0617	08/31/89	NA	09/06/89	NA	09/20/89	NA	09/15/89	NA	09/18/89	NA	09/16/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0616	08/30/89	NA	09/20/89	NA	09/14/89	NA	09/07/89	NA	09/08/89	09/06/89	09/09/89
BAFB0617	08/31/89	NA	09/20/89	NA	09/14/89	NA	09/08/89	NA	09/08/89	09/06/89	09/09/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0616	08/30/89	NA	09/05/89
BAFB0617	08/31/89	NA	09/12/89

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date
BAFB0079	11/23/88	NA	12/05/88	NA	12/13/88	NA	12/12/88	NA	12/06/88	12/05/88	01/07/89
BAFB0080	11/23/88	NA	12/05/88	NA	12/13/88	NA	12/12/88	NA	12/06/88	12/05/88	01/07/89
BAFB0081	11/23/88	NA	12/05/88	NA	12/13/88	NA	12/12/88	NA	12/06/88	12/05/88	01/07/89
BAFB0144	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/13/88	12/27/88
BAFB0181	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/13/88	12/27/88
BAFB0182	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/19/88	12/13/88	01/20/89
BAFB0183	12/02/88	NA	12/12/88	NA	12/14/88	NA	12/16/88	NA	12/16/88	12/13/88	12/27/88
BAFB0188	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/19/88	12/20/88	01/23/89
BAFB0189	12/08/88	NA	12/16/88	NA	12/30/88	NA	12/28/88	NA	12/19/88	12/20/88	01/23/89
BAFB0208	12/09/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/20/88	01/25/89
BAFB0209	12/09/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/20/88	01/25/89
BAFB0210	12/09/88	NA	12/16/88	NA	12/30/88	NA	12/30/88	NA	12/19/88	12/20/88	01/25/89
BAFB0234	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/11/89	NA	12/20/88	12/27/88	02/02/89
BAFB0235	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/11/89	NA	12/20/88	12/27/88	02/02/89
BAFB0236	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/11/89	NA	12/21/88	12/27/88	02/02/89
BAFB0237	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/11/89	NA	12/20/88	12/27/88	02/02/89
BAFB0238	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/11/89	NA	12/20/88	12/27/88	02/02/89
BAFB0239	12/13/88	NA	12/28/88	NA	01/05/89	NA	01/11/89	NA	12/20/88	12/27/88	02/02/89
BAFB0311	01/05/89	NA	01/25/89	NA	01/27/89	NA	01/24/89	NA	01/13/89	01/19/89	02/20/89
BAFB0312	01/05/89	NA	01/25/89	NA	01/27/89	NA	01/24/89	NA	01/13/89	01/19/89	02/20/89
BAFB0313	01/05/89	NA	01/25/89	NA	01/27/89	NA	01/24/89	NA	01/13/89	01/19/89	02/20/89
BAFB0314	01/05/89	NA	01/25/89	NA	01/27/89	NA	01/24/89	NA	01/13/89	01/19/89	02/20/89
BAFB0315	01/05/89	NA	01/25/89	NA	01/27/89	NA	01/24/89	NA	01/13/89	01/19/89	02/20/89

(summary of extraction and analysis dates for Site 19 continued on next page)

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19
(Continued)

Field Sample No.	Sampling Date	Method : SW8280 Extraction Date	SW8280 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0079	11/23/88	NT	NT	12/01/88	12/24/88	NA	12/07/88
BAFB0080	11/23/88	NT	NT	12/01/88	12/24/88	NA	12/07/88
BAFB0081	11/23/88	NT	NT	12/01/88	12/24/88	NA	12/07/88
BAFB0144	12/02/88	NA	01/05/89	12/09/88	12/31/88	NA	12/12/88
BAFB0181	12/02/88	NT	NT	12/09/88	12/31/88	NA	12/13/88
BAFB0182	12/02/88	NT	NT	12/09/88	12/31/88	NA	12/13/88
BAFB0183	12/02/88	NT	NT	12/09/88	12/31/88	NA	12/13/88
BAFB0188	12/08/88	NT	NT	12/21/88	01/11/89	NA	12/20/88
BAFB0189	12/08/88	NT	NT	12/21/88	01/11/89	NA	12/20/88
BAFB0208	12/09/88	NT	NT	12/21/88	01/11/89	NA	12/20/88
BAFB0209	12/09/88	NT	NT	12/21/88	01/11/89	NA	12/20/88
BAFB0210	12/09/88	NT	NT	12/21/88	01/11/89	NA	12/20/88
BAFB0234	12/13/88	NT	NT	NT	NT	NA	12/26/88
BAFB0235	12/13/88	NT	NT	12/27/88	01/26/89	NA	12/26/88
BAFB0236	12/13/88	NT	NT	12/27/88	01/26/89	NA	12/26/88
BAFB0237	12/13/88	NT	NT	12/27/88	01/26/89	NA	12/26/88
BAFB0238	12/13/88	NT	NT	12/27/88	01/26/89	NA	12/26/88
BAFB0239	12/13/88	NT	NT	12/27/88	01/26/89	NA	12/26/88
BAFB0311	01/05/89	NT	NT	01/19/89	02/09/89	NA	01/13/89
BAFB0312	01/05/89	NT	NT	01/19/89	02/09/89	NA	01/13/89
BAFB0313	01/05/89	NT	NT	01/19/89	02/09/89	NA	01/13/89
BAFB0314	01/05/89	NT	NT	01/19/89	02/09/89	NA	01/13/89
BAFB0315	01/05/89	NT	NT	01/19/89	02/09/89	NA	01/13/89

(summary of extraction and analysis dates for Site 19 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0479	02/24/89	NA	03/01/89	NA	03/14/89	NA	03/02/89	NA	03/16/89	NA	03/15/89
BAFB0487	03/09/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	03/28/89
BAFB0516	03/31/89	NA	04/06/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/17/89
BAFB0517	03/31/89	NA	04/06/89	NA	04/18/89	NA	04/12/89	NA	04/13/89	NA	04/17/89
BAFB0528	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0479	02/24/89	NA	03/14/89	NA	03/08/89	NA	03/15/89	NA	03/21/89	NA	03/08/89
BAFB0487	03/09/89	NA	04/04/89	NA	03/27/89	NA	03/30/89	NA	03/30/89	NA	03/27/89
BAFB0516	03/31/89	NA	04/14/89	NA	04/20/89	NA	04/21/89	NA	04/18/89	NA	04/20/89
BAFB0517	03/31/89	NA	04/14/89	NA	04/20/89	NA	04/21/89	NA	04/18/89	NA	04/20/89
BAFB0528	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date
BAFB0479	02/24/89	NA	03/17/89	NA	03/07/89	NA	03/07/89	02/27/89	03/13/89	NA	03/21/89
BAFB0487	03/09/89	NA	03/29/89	NA	03/17/89	NA	03/16/89	03/13/89	03/24/89	NA	03/24/89
BAFB0516	03/31/89	NA	04/20/89	NA	04/13/89	NA	04/13/89	04/04/89	04/20/89	NA	04/13/89
BAFB0517	03/31/89	NA	04/20/89	NA	04/13/89	NA	04/13/89	04/04/89	04/20/89	NA	04/13/89
BAFB0528	04/18/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0479	02/24/89	NT	NT
BAFB0487	03/09/89	NA	03/13/89
BAFB0516	03/31/89	NA	04/07/89
BAFB0517	03/31/89	NA	04/07/89
BAFB0528	04/18/89	NA	04/20/89

(summary of extraction and analysis dates for Site 19 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0578	06/07/89	NA	06/14/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0579	06/07/89	NA	06/14/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0580	06/08/89	NA	06/14/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0581	06/08/89	NA	06/14/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0582	06/08/89	NA	06/14/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0583	06/08/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0584	06/08/89	NA	06/14/89	NA	06/27/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0595	06/13/89	NA	06/20/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89
BAFB0596	06/13/89	NA	06/20/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89
BAFB0597	06/13/89	NA	06/20/89	NA	07/06/89	NA	06/27/89	NA	07/06/89	NA	07/07/89
BAFB0598	06/13/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0578	06/07/89	NA	07/03/89	NA	06/20/89	NA	06/27/89	NA	06/26/89	NA	06/23/89
BAFB0579	06/07/89	NA	07/03/89	NA	06/20/89	NA	06/27/89	NA	06/26/89	NA	06/23/89
BAFB0580	06/08/89	NA	07/03/89	NA	06/22/89	NA	06/27/89	NA	06/26/89	NA	06/23/89
BAFB0581	06/08/89	NA	07/03/89	NA	06/22/89	NA	06/27/89	NA	06/26/89	NA	06/23/89
BAFB0582	06/08/89	NA	07/03/89	NA	06/22/89	NA	06/27/89	NA	06/26/89	NA	06/23/89
BAFB0583	06/08/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0584	06/08/89	NA	07/03/89	NA	06/22/89	NA	06/27/89	NA	06/26/89	NA	06/23/89
BAFB0595	06/13/89	NA	07/03/89	NA	06/27/89	NA	07/07/89	NA	07/09/89	NA	07/07/89
BAFB0596	06/13/89	NA	07/03/89	NA	06/27/89	NA	07/07/89	NA	07/09/89	NA	07/07/89
BAFB0597	06/13/89	NA	07/03/89	NA	06/27/89	NA	07/07/89	NA	07/09/89	NA	07/07/89
BAFB0598	06/13/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 19 continued on next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19
(Continued)

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0578	06/07/89	NA	06/26/89	NA	06/21/89	NA	06/21/89	06/09/89	06/16/89	06/12/89	06/20/89
BAFB0579	06/07/89	NA	06/26/89	NA	06/21/89	NA	06/21/89	06/09/89	06/16/89	06/12/89	06/20/89
BAFB0580	06/08/89	NA	06/21/89	NA	06/21/89	NA	06/21/89	06/13/89	06/20/89	06/13/89	06/22/89
BAFB0581	06/08/89	NA	06/21/89	NA	06/21/89	NA	06/21/89	06/13/89	06/20/89	06/13/89	06/22/89
BAFB0582	06/08/89	NA	06/26/89	NA	06/21/89	NA	06/21/89	06/13/89	06/20/89	06/13/89	06/22/89
BAFB0583	06/08/89	NT	NT	NA	06/21/89	NA	06/21/89	NT	NT	NT	NT
BAFB0584	06/08/89	NA	06/26/89	NA	06/21/89	NA	06/21/89	06/13/89	06/21/89	06/13/89	06/22/89
BAFB0595	06/13/89	NA	07/06/89	NA	06/26/89	NA	06/26/89	06/16/89	06/28/89	06/16/89	06/21/89
BAFB0596	06/13/89	NA	07/06/89	NA	06/26/89	NA	06/26/89	06/16/89	06/28/89	06/16/89	06/21/89
BAFB0597	06/13/89	NA	07/06/89	NA	06/26/89	NA	06/26/89	06/16/89	06/27/89	06/16/89	06/20/89
BAFB0598	06/13/89	NT	NT	NA	06/26/89	NA	06/26/89	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0578	06/07/89	NA	06/14/89
BAFB0579	06/07/89	NA	06/14/89
BAFB0580	06/08/89	NA	06/14/89
BAFB0581	06/08/89	NA	06/14/89
BAFB0582	06/08/89	NA	06/14/89
BAFB0583	06/08/89	NT	NT
BAFB0584	06/08/89	NA	06/14/89
BAFB0595	06/13/89	NA	06/16/89
BAFB0596	06/13/89	NA	06/16/89
BAFB0597	06/13/89	NA	06/16/89
BAFB0598	06/13/89	NT	NT

(summary of extraction and analysis dates for Site 19 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	E160.1 Analysis Date	Method : E325.3 Extraction Date	E325.3 Analysis Date	Method : E340.2 Extraction Date	E340.2 Analysis Date	Method : E353.3 Extraction Date	E353.3 Analysis Date	Method : E375.4 Extraction Date	E375.4 Analysis Date
BAFB0629	09/07/89	NA	09/14/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	10/03/89
BAFB0630	09/07/89	NA	09/14/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	10/03/89
BAFB0631	09/08/89	NA	09/14/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	10/05/89
BAFB0632	09/11/89	NA	09/18/89	NA	10/09/89	NA	09/20/89	NA	10/06/89	NA	10/10/89
BAFB0651	09/18/89	NA	09/25/89	NA	10/10/89	NA	10/13/89	NA	10/12/89	NA	10/10/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	E410.4 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW7060 Extraction Date	SW7060 Analysis Date	Method : SW7421 Extraction Date	SW7421 Analysis Date	Method : SW7471 Extraction Date	SW7471 Analysis Date
BAFB0629	09/07/89	NA	09/29/89	NA	09/27/89	NA	09/26/89	NA	09/26/89	NA	09/15/89
BAFB0630	09/07/89	NA	09/29/89	NA	09/27/89	NA	09/26/89	NA	09/26/89	NA	09/15/89
BAFB0631	09/08/89	NA	09/29/89	NA	09/27/89	NA	09/22/89	NA	09/26/89	NA	09/15/89
BAFB0632	09/11/89	NA	10/10/89	NA	09/27/89	NA	09/22/89	NA	09/26/89	NA	09/15/89
BAFB0651	09/18/89	NA	10/06/89	NA	10/05/89	NA	09/26/89	NA	09/28/89	NA	09/29/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	SW7740 Analysis Date	Method : SW8010 Extraction Date	SW8010 Analysis Date	Method : SW8020 Extraction Date	SW8020 Analysis Date	Method : SW8270 Extraction Date	SW8270 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date
BAFB0629	09/07/89	NA	09/26/89	NA	09/09/89	NA	09/09/89	09/14/89	09/29/89	09/14/89	09/29/89
BAFB0630	09/07/89	NA	09/26/89	NA	09/09/89	NA	09/09/89	09/14/89	09/26/89	09/18/89	09/29/89
BAFB0631	09/08/89	NA	09/21/89	NA	09/19/89	NA	09/19/89	09/14/89	09/26/89	09/18/89	09/29/89
BAFB0632	09/11/89	NA	09/21/89	NA	09/20/89	NA	09/20/89	09/18/89	10/02/89	NA	09/29/89
BAFB0651	09/18/89	NA	09/26/89	NA	09/26/89	NA	09/26/89	09/22/89	10/10/89	09/29/89	10/20/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0629	09/07/89	NA	09/12/89
BAFB0630	09/07/89	NA	09/12/89
BAFB0631	09/08/89	NA	09/12/89
BAFB0632	09/11/89	NA	09/13/89
BAFB0651	09/18/89	NA	09/25/89

BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 19

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0699	11/19/89	NA	11/21/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0701	11/20/89	NA	11/22/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0698	11/19/89	NA	11/21/89	NA	12/08/89	NA	12/08/89	NA	12/07/89	NA	12/08/89
BAFB0725	12/01/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0731	12/05/89	NA	12/11/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0699	11/19/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0701	11/20/89	NA	11/27/89	NA	12/18/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0698	11/19/89	NA	11/27/89	NA	11/28/89	NA	11/29/89	NA	11/29/89	NA	11/30/89
BAFB0725	12/01/89	NA	12/04/89	NA	12/20/89	NA	12/22/89	NA	12/27/89	NA	12/19/89
BAFB0731	12/05/89	NA	12/13/89	NA	12/20/89	NA	12/20/89	NA	12/27/89	NA	12/19/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0699	11/19/89	NA	12/01/89	NA	12/02/89	NA	12/02/89	11/20/89	12/14/89	11/22/89	12/15/89
BAFB0701	11/20/89	NA	12/13/89	NA	12/04/89	NA	12/04/89	11/22/89	12/14/89	11/22/89	12/15/89
BAFB0698	11/19/89	NA	12/01/89	NA	12/02/89	NA	12/02/89	11/20/89	12/07/89	11/22/89	12/15/89
BAFB0725	12/01/89	NA	12/22/89	NA	12/14/89	NA	12/14/89	12/04/89	12/26/89	12/04/89	12/16/89
BAFB0731	12/05/89	NA	12/22/89	NA	12/14/89	NA	12/14/89	12/11/89	01/15/90	12/07/89	12/18/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0699	11/19/89	NA	11/30/89
BAFB0701	11/20/89	NA	11/29/89
BAFB0698	11/19/89	NA	11/30/89
BAFB0725	12/01/89	NA	12/14/89
BAFB0731	12/05/89	NA	12/14/89

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 20

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	Method : ASA#9 Analysis Date	Method : SW1010 Extraction Date	Method : SW1010 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date	Method : SW8240 Extraction Date	Method : SW8240 Analysis Date
BAFB0054	11/21/88	NA	12/02/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NA	11/30/88
BAFB0055	11/21/88	NA	12/02/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NA	11/30/88
BAFB0056	11/21/88	NA	12/02/88	NA	12/05/88	NA	12/06/88	NA	12/01/88	NA	11/30/88
BAFB0317	01/10/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/16/89
BAFB0318	01/10/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/17/89
BAFB0319	01/10/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/17/89
BAFB0320	01/10/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/17/89
BAFB0321	01/10/89	NA	01/26/89	NA	01/24/89	NA	01/31/89	NA	02/03/89	NA	01/17/89

Field Sample No.	Sampling Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : SW9071 Extraction Date	Method : SW9071 Analysis Date
BAFB0054	11/21/88	11/29/88	12/29/88	NA	12/14/88
BAFB0055	11/21/88	11/29/88	12/29/88	NA	12/14/88
BAFB0056	11/21/88	11/29/88	12/29/88	NA	12/14/88
BAFB0317	01/10/89	01/23/89	02/13/89	NA	01/30/89
BAFB0318	01/10/89	01/23/89	02/14/89	NA	01/30/89
BAFB0319	01/10/89	01/23/89	02/14/89	NA	01/30/89
BAFB0320	01/10/89	01/23/89	02/14/89	NA	01/30/89
BAFB0321	01/10/89	01/23/89	02/14/89	NA	01/30/89

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 21

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0035	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0036	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0037	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0038	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/01/88
BAFB0039	11/18/88	NA	12/02/88	11/22/88	12/13/88	NA	12/02/88

(summary of extraction and analysis dates for Site 21 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 21

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0482	03/10/89	NA	03/16/89	NA	03/27/89	NA	03/17/89	NA	03/31/89	NA	04/03/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0482	03/10/89	NA	03/27/89	NA	03/23/89	NA	03/24/89	NA	03/14/89

(summary of extraction and analysis dates for Site 21 continued on next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 21

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0622	09/06/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0623	09/06/89	NA	09/13/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	09/21/89
BAFB0625	09/06/89	NA	09/13/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	09/21/89
BAFB0624	09/06/89	NA	09/13/89	NA	09/22/89	NA	09/20/89	NA	09/27/89	NA	09/21/89

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0622	09/06/89	NT	NT	NA	09/08/89	NT	NT	NT	NT
BAFB0623	09/06/89	NA	09/27/89	NA	09/08/89	NA	09/28/89	NA	09/12/89
BAFB0625	09/06/89	NA	09/27/89	NA	09/08/89	09/18/89	09/29/89	NA	09/12/89
BAFB0624	09/06/89	NA	09/27/89	NA	09/08/89	09/18/89	09/28/89	NA	09/12/89

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BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 23

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0718	11/29/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0719	11/29/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0720	11/29/89	NA	12/06/89	12/12/89	/ /	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0721	11/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0718	11/29/89	NA	12/07/89	NA	12/19/89	NA	12/11/89	12/04/89	12/16/89	NA	12/14/89
BAFB0719	11/29/89	NA	12/07/89	NA	12/19/89	NA	12/11/89	12/04/89	12/16/89	NA	12/14/89
BAFB0720	11/29/89	NA	12/07/89	NA	12/19/89	NA	12/11/89	12/04/89	12/16/89	NA	12/14/89
BAFB0721	11/29/89	NT	NT	NT	NT	NA	12/12/89	NT	NT	NT	NT

BEALE AFB: SOIL DATA 1988/1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 23

Field Sample No.	Sampling Date	Method : ASA#9 Extraction Date	ASA#9 Analysis Date	Method : SW6010 Extraction Date	SW6010 Analysis Date	Method : SW8240 Extraction Date	SW8240 Analysis Date	Method : TFH-DI Extraction Date	TFH-DI Analysis Date	Method : TFH-GA Extraction Date	TFH-GA Analysis Date
BAFB0282	12/19/88	NA	01/04/89	NA	01/09/89	NA	12/29/88	12/30/88	01/30/89	NA	12/30/88
BAFB0283	12/19/88	NA	01/04/89	NA	01/09/89	NA	12/29/88	12/30/88	01/30/89	NA	12/30/88
BAFB0284	12/19/88	NA	01/04/89	NA	01/09/89	NA	12/30/88	12/30/88	01/30/89	NA	12/30/88
BAFB0285	12/19/88	NA	01/04/89	NA	01/09/89	NA	12/29/88	12/30/88	01/30/89	NA	12/30/88
BAFB0286	12/19/88	NA	01/04/89	NA	01/11/89	NA	12/30/88	12/30/88	01/30/89	NA	12/30/88
BAFB0332	12/19/88	NA	01/04/89	NA	01/11/89	NA	12/29/88	12/30/88	01/30/89	NA	12/30/88
BAFB0333	12/20/88	NA	01/04/89	NA	01/23/89	NT	NT	01/03/89	02/01/89	NA	12/31/88
BAFB0334	12/20/88	NA	01/04/89	NA	01/23/89	NT	NT	01/03/89	02/01/89	NA	12/31/88
BAFB0335	12/20/88	NA	01/04/89	NA	01/23/89	NT	NT	01/03/89	02/01/89	NA	12/31/88
BAFB0336	12/20/88	NA	01/04/89	NA	01/23/89	NT	NT	01/03/89	02/01/89	NA	12/31/88
BAFB0337	12/20/88	NA	01/04/89	NA	01/17/89	NT	NT	01/03/89	02/01/89	NA	12/31/88
BAFB0338	12/20/88	NA	01/04/89	NA	01/17/89	NA	01/03/89	01/03/89	02/01/89	NA	12/31/88
BAFB0339	12/20/88	NA	01/04/89	NA	01/17/89	NA	01/03/89	01/03/89	02/01/89	NA	12/31/88
BAFB0340	12/20/88	NA	01/04/89	NA	01/17/89	NA	01/03/89	01/03/89	02/01/89	NA	12/31/88
BAFB0341	12/20/88	NA	01/04/89	NA	01/17/89	NT	NT	01/03/89	02/01/89	NA	12/31/88
BAFB0342	12/20/88	NA	01/04/89	NA	01/17/89	NA	01/04/89	01/03/89	02/01/89	NA	12/31/88
BAFB0343	12/20/88	NA	01/04/89	NA	01/17/89	NA	01/04/89	01/03/89	02/01/89	NA	12/31/88
BAFB0344	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/04/89	01/04/89	02/06/89	NA	01/04/89
BAFB0345	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/04/89	01/04/89	02/06/89	NA	01/04/89
BAFB0346	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/04/89	01/04/89	02/06/89	NA	01/04/89
BAFB0347	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/04/89	01/04/89	02/06/89	NA	01/04/89
BAFB0348	12/22/88	NA	01/04/89	NA	01/17/89	NA	01/09/89	01/04/89	02/06/89	NA	01/04/89
BAFB0374	01/06/89	NT	NT	NT	NT	NA	01/19/89	NT	NT	NT	NT
BAFB0375	01/06/89	NT	NT	NT	NT	NA	01/27/89	NT	NT	NT	NT
BAFB0376	01/06/89	NT	NT	NT	NT	NA	01/19/89	NT	NT	NT	NT
BAFB0377	01/06/89	NT	NT	NT	NT	NA	01/19/89	NT	NT	NT	NT
BAFB0378	01/06/89	NT	NT	NT	NT	NA	01/19/89	NT	NT	NT	NT
BAFB0379	01/06/89	NT	NT	NT	NT	NA	01/19/89	NT	NT	NT	NT

(summary of extraction and analysis dates for Site 23 continued on next page)

BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR SITE 23

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0454	02/15/89	NA	02/20/89	NA	02/24/89	NA	03/02/89	NA	03/03/89	NA	03/01/89
BAFB0455	02/15/89	NA	02/22/89	NA	02/24/89	NA	03/02/89	NA	03/03/89	NA	03/01/89
BAFB0456	02/15/89	NA	02/20/89	NA	02/24/89	NA	03/02/89	NA	03/03/89	NA	03/01/89
BAFB0457	02/15/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0454	02/15/89	NA	03/02/89	NA	03/09/89	NA	02/24/89	NA	02/22/89	NA	02/17/89
BAFB0455	02/15/89	NA	03/14/89	NA	03/18/89	NA	02/25/89	NA	02/22/89	NA	02/17/89
BAFB0456	02/15/89	NA	03/02/89	NT	NT	NA	02/24/89	NA	02/22/89	NA	02/17/89
BAFB0457	02/15/89	NT	NT	NT	NT	NA	02/24/89	NT	NT	NT	NT

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BEALE AFB: WATER DATA 1ST ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR BACKGROUND WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0458	02/15/89	NA	02/22/89	NA	02/24/89	NA	03/02/89	NA	03/03/89	NA	03/01/89
BAFB0468	02/23/89	NA	03/01/89	NA	03/14/89	NA	03/02/89	NA	03/16/89	NA	03/15/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0458	02/15/89	NA	02/23/89	NA	03/14/89	NA	03/15/89	NA	03/13/89	NA	03/01/89
BAFB0468	02/23/89	NA	03/14/89	NA	03/08/89	NA	03/15/89	NA	03/16/89	NA	03/08/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0458	02/15/89	NA	03/15/89	NA	02/24/89	NA	02/24/89	02/20/89	03/17/89	NA	02/22/89
BAFB0468	02/23/89	NA	03/17/89	NA	03/07/89	NA	03/07/89	02/27/89	03/13/89	NA	03/21/89

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Method : TFH-GA Analysis Date
BAFB0458	02/15/89	NA	02/17/89
BAFB0468	02/23/89	NA	02/25/89

(summary of extraction and analysis dates for Background Wells continued next page)

BEALE AFB: WATER DATA 2ND ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR BACKGROUND WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0554	05/30/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89
BAFB0555	05/30/89	NA	06/06/89	NA	06/23/89	NA	06/27/89	NA	06/28/89	NA	06/29/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0554	05/30/89	NA	07/03/89	NA	06/09/89	NA	06/08/89	NA	06/09/89	NA	06/13/89
BAFB0555	05/30/89	NA	07/03/89	NA	06/09/89	NA	06/08/89	NA	06/09/89	NA	06/13/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0554	05/30/89	NA	06/08/89	NA	06/13/89	NA	06/13/89	06/05/89	06/07/89	NA	06/05/89
BAFB0555	05/30/89	NA	06/08/89	NA	06/13/89	NA	06/13/89	06/05/89	06/07/89	NA	06/05/89

(summary of extraction and analysis dates for Background Wells continued next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR BACKGROUND WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Method : E160.1 Analysis Date	Method : E325.3 Extraction Date	Method : E325.3 Analysis Date	Method : E340.2 Extraction Date	Method : E340.2 Analysis Date	Method : E353.3 Extraction Date	Method : E353.3 Analysis Date	Method : E375.4 Extraction Date	Method : E375.4 Analysis Date
BAFB0603	08/25/89	NA	08/31/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89
BAFB0604	08/25/89	NA	08/31/89	NA	09/15/89	NA	09/15/89	NA	09/18/89	NA	09/16/89

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Method : E410.4 Analysis Date	Method : SW6010 Extraction Date	Method : SW6010 Analysis Date	Method : SW7060 Extraction Date	Method : SW7060 Analysis Date	Method : SW7421 Extraction Date	Method : SW7421 Analysis Date	Method : SW7471 Extraction Date	Method : SW7471 Analysis Date
BAFB0603	08/25/89	NA	09/08/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89
BAFB0604	08/25/89	NA	09/08/89	NA	09/20/89	NA	09/14/89	NA	09/14/89	NA	09/08/89

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Method : SW7740 Analysis Date	Method : SW8010 Extraction Date	Method : SW8010 Analysis Date	Method : SW8020 Extraction Date	Method : SW8020 Analysis Date	Method : SW8270 Extraction Date	Method : SW8270 Analysis Date	Method : TFH-DI Extraction Date	Method : TFH-DI Analysis Date
BAFB0603	08/25/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	08/30/89	09/09/89	08/31/89	09/09/89
BAFB0604	08/25/89	NA	09/14/89	NA	09/06/89	NA	09/06/89	08/30/89	09/09/89	08/31/89	09/09/89

(summary of extraction and analysis dates for Background Wells continued next page)

BEALE AFB: WATER DATA 3RD ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR BACKGROUND WELLS

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0603	08/25/89	NA	08/29/89
BAFB0604	08/25/89	NA	08/29/89

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BEALE AFB WATER DATA 4TH ROUND SAMPLING 1989

SUMMARY OF EXTRACTION AND ANALYSIS DATES FOR BACKGROUND WELLS

Field Sample No.	Sampling Date	Method : E160.1 Extraction Date	Analysis Date	Method : E325.3 Extraction Date	Analysis Date	Method : E340.2 Extraction Date	Analysis Date	Method : E353.3 Extraction Date	Analysis Date	Method : E375.4 Extraction Date	Analysis Date
BAFB0714	11/29/89	NA	12/06/89	NA	12/12/89	NA	12/12/89	NA	12/15/89	NA	12/14/89
BAFB0715	11/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0716	11/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
BAFB0717	11/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : E410.4 Extraction Date	Analysis Date	Method : SW6010 Extraction Date	Analysis Date	Method : SW7060 Extraction Date	Analysis Date	Method : SW7421 Extraction Date	Analysis Date	Method : SW7471 Extraction Date	Analysis Date
BAFB0714	11/29/89	NA	12/04/89	NA	12/07/89	NA	12/18/89	NA	12/19/89	NA	12/05/89
BAFB0715	11/29/89	NA	12/04/89	NT	NT	NA	12/18/89	NT	NT	NA	12/05/89
BAFB0716	11/29/89	NA	12/04/89	NT	NT	NA	12/18/89	NT	NT	NA	12/05/89
BAFB0717	11/29/89	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : SW7740 Extraction Date	Analysis Date	Method : SW8010 Extraction Date	Analysis Date	Method : SW8020 Extraction Date	Analysis Date	Method : SW8270 Extraction Date	Analysis Date	Method : TFH-DI Extraction Date	Analysis Date
BAFB0714	11/29/89	NA	12/13/89	NA	12/11/89	NA	12/11/89	11/30/89	12/21/89	12/04/89	12/16/89
BAFB0715	11/29/89	NA	12/13/89	NA	12/11/89	NT	NT	11/30/89	12/21/89	NT	NT
BAFB0716	11/29/89	NA	12/13/89	NA	12/13/89	NT	NT	11/30/89	12/21/89	NT	NT
BAFB0717	11/29/89	NT	NT	NA	12/13/89	NT	NT	NT	NT	NT	NT

Field Sample No.	Sampling Date	Method : TFH-GA Extraction Date	Analysis Date
BAFB0714	11/29/89	NA	12/14/89
BAFB0715	11/29/89	NT	NT
BAFB0716	11/29/89	NT	NT
BAFB0717	11/29/89	NT	NT

SITE 1

Soil Analyses

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0127
Laboratory No. : 21716-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-1SS
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0127

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/08/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	470	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7000	25.4	
Barium	121	12.7	
Cadmium	1.3	1.3	
Calcium	1650	127	
Chromium	46.5	3.8	
Cobalt	11.6	5.1	
Copper	20.3	3.8	
Iron	14500	12.7	
Lead	59.1	25.4	
Magnesium	1310	127	
Manganese	550	1.9	
Nickel	10.0	5.1	
Potassium	280	254	
Sodium	151	127	
Vanadium	52.4	5.1	
Zinc	58.8 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0127 continued on next page)

(results for BAFB-0127 continued)

Field No. : BAFB-0127
Laboratory No. : 21716-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-1SS
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.4 B	0.80	
Carbon Disulfide	0.74 BJ	0.80	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Analysis not performed for this sample)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0127)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0128
Laboratory No. : 21716-3
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-1SS
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0128

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/08/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/I4/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/07/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.1	N/A	%
TFH-DIESEL (TFH-DIESEL)	25	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5110	23.8	
Barium	190	11.9	
Calcium	1530	119	
Chromium	22.6	3.6	
Cobalt	19.1	4.8	
Copper	11.4	3.6	
Iron	10900	11.9	
Magnesium	1300	119	
Manganese	862	1.8	
Nickel	10.5	4.8	
Sodium	195	119	
Vanadium	42.3	4.8	
Zinc	16.7 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0128 continued on next page)

(results for BAFB-0128 continued)

Field No. : BAFB-0128
Laboratory No. : 21716-3
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-1SS
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.3 B	0.75	
Carbon Disulfide	0.55 BJ	0.75	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.39	
2-Fluorophenol (SS)	71	N/A	
Phenol-d5 (SS)	92	N/A	
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorobiphenyl (SS)	93	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0128)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0129
Laboratory No. : 21716-4
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-2SS
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0129

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/08/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/10/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	84	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5360	24.6	
Barium	209	12.3	
Calcium	1720	123	
Chromium	29.0	3.7	
Cobalt	12.3	4.9	
Copper	110	3.7	
Iron	13400	12.3	
Magnesium	1550	123	
Manganese	713	1.8	
Nickel	10.6	4.9	
Potassium	246	246	
Sodium	204	123	
Vanadium	43.2	4.9	
Zinc	109 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0129 continued on next page)

(results for BAFB-0129 continued)

Field No. : BAFB-0129
Laboratory No. : 21716-4
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-2SS
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.96 B	0.77	
Carbon Disulfide	0.52 BJ	0.77	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.7 B	0.81	
2-Fluorophenol (SS)	65	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	95	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	109	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0129)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0130
Laboratory No. : 21716-5
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-2SS
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0130

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/08/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/10/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	24	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8450	24.2	
Barium	116	12.1	
Calcium	2910	121	
Chromium	32.2	3.6	
Cobalt	12.1	4.8	
Copper	13.3	3.6	
Iron	16500	12.1	
Magnesium	2080	121	
Manganese	401	1.8	
Nickel	14.5	4.8	
Sodium	274	121	
Vanadium	44.0	4.8	
Zinc	22.9 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0130 continued on next page)

(results for BAFB-0130 continued)

Field No. : BAFB-0130
Laboratory No. : 21716-5
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-2SS
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.92 B	0.76	
Carbon Disulfide	0.53 BJ	0.76	
Toluene	0.45 J	0.76	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.80	
2-Fluorophenol (SS)	59	N/A	
Phenol-d5 (SS)	76	N/A	
Nitrobenzene-d5 (SS)	86	N/A	
2-Fluorobiphenyl (SS)	93	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	
p-Terphenyl-d14 (SS)	104	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0130)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0131
Laboratory No. : 21716-6
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-3SS
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0131		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/08/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10900	23.6	
Barium	151	11.8	
Calcium	2400	118	
Chromium	31.3	3.5	
Cobalt	10.0	4.7	
Copper	14.1	3.5	
Iron	17100	11.8	
Magnesium	2200	118	
Manganese	549	1.8	
Nickel	14.1	4.7	
Potassium	283	236	
Sodium	259	118	
Vanadium	41.7	4.7	
Zinc	25.0 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0131 continued on next page)

Field No. : BAFB-0131
Laboratory No. : 21716-6
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-3SS
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.82 B	0.74	
Carbon Disulfide	0.48 BJ	0.74	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 B	0.39	
2-Fluorophenol (SS)	39	N/A	
Phenol-d5 (SS)	54	N/A	
Nitrobenzene-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	123	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0131)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0132
Laboratory No. : 21716-7
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-3SS
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0132 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/08/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7180	23.0	
Barium	193	11.5	
Calcium	1930	115	
Chromium	28.7	3.5	
Cobalt	11.5	4.6	
Copper	12.7	3.5	
Iron	15500	11.5	
Magnesium	1960	115	
Manganese	571	1.7	
Nickel	10.6	4.6	
Potassium	322	230	
Sodium	231	115	
Vanadium	45.3	4.6	
Zinc	18.4 B	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0132 continued on next page)

(results for BAFB-0132 continued)

Field No. : BAFB-0132
Laboratory No. : 21716-7
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-3SS
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.76 B	0.72	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	0.38	
2-Fluorophenol (SS)	49	N/A	
Phenol-d5 (SS)	66	N/A	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0132)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0133
Laboratory No. : 21727-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-4SS
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0133 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/30/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/09/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	4.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	35.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	15000	3.1	mg/kg
TFH-GAS (TFH-GAS)	430	77	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	30.9	
Barium	194	15.4	
Cadmium	3.5	1.5	
Calcium	4660	154	
Chromium	102	4.6	
Cobalt	12.5	6.2	
Copper	53.5	4.6	
Iron	21000	15.4	
Lead	245	30.9	
Magnesium	2530	154	
Manganese	284	2.3	
Nickel	24.7	6.2	
Potassium	509	309	
Sodium	262	154	
Vanadium	68.4	6.2	
Zinc	306	3.1	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.046 B	0.005	
Toluene	0.022	0.005	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	99	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0133 continued on next page)

(results for BAFB-0132 continued)

Field No. : BAFB-0133
Laboratory No. : 21727-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-4SS
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	3.5 B	2.0	
2,6-Dinitrotoluene	1.9 J	2.0	
Fluoranthene	1.7 J	2.0	
Pyrene	2.8	2.0	
Benzo(a)anthracene	1.2 J	2.0	
bis(2-Ethylhexyl)Phthalate	14	2.0	
Chrysene	2.3	2.0	
Benzo(b)fluoranthene	2.3	2.0	
Benzo(k)fluoranthene	2.9	2.0	
Benzo(a)pyrene	1.0 J	2.0	
2-Fluorophenol (SS)	87	N/A	
Phenol-d5 (SS)	112	N/A	
Nitrobenzene-d5 (SS)	118	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	190	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0133)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0134
Laboratory No. : 21727-3
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-4SS
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0134

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/30/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/09/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	4.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.6	N/A	%
TFH-DIESEL (TFH-DIESEL)	1200	2.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<69	69	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8990	27.6	
Barium	351	13.8	
Calcium	2240	138	
Chromium	55.7	4.1	
Cobalt	49.2	5.5	
Copper	28.5	4.1	
Iron	17400	13.8	
Lead	123	27.6	
Magnesium	1800	138	
Manganese	2600	2.1	
Nickel	34.3	5.5	
Potassium	387	276	
Sodium	264	138	
Vanadium	47.0	5.5	
Zinc	107	2.8	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.024 B	0.005	
Toluene	0.008	0.005	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0134 continued on next page)

(results for BAFB-0134 continued)

Field No. : BAFB-0134
Laboratory No. : 21727-3
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-4SS
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	3.0 B	1.8	
bis(2-Ethylhexyl)Phthalate	2.1	1.8	
2-Fluorophenol (SS)	90	N/A	
Phenol-d5 (SS)	117	N/A	
Nitrobenzene-d5 (SS)	113	N/A	
2-Fluorobiphenyl (SS)	92	N/A	
2,4,6-Tribromophenol (SS)	117	N/A	
p-Terphenyl-d14 (SS)	101	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0134)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0135
Laboratory No. : 21727-4
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-5SS
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0135

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/30/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/09/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	4.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15	N/A	%
TFH-DIESEL (TFH-DIESEL)	320	2.4	mg/kg
TFH-GAS (TFH-GAS)	110	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	3610	23.5	
Barium	125	11.8	
Calcium	1290	118	
Chromium	34.6	3.5	
Cobalt	10.4	4.7	
Copper	12.9	3.5	
Iron	9860	11.8	
Magnesium	978	118	
Manganese	565	1.8	
Nickel	9.6	4.7	
Potassium	235	235	
Sodium	104	118	
Vanadium	34.8	4.7	
Zinc	36.1	2.4	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.050 B	0.005	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0135 continued on next page)

(results for BAFB-0135 continued)

Field No. : BAFB-0135
Laboratory No. : 21727-4
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-5SS
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.0 BJ	1.5	
2-Fluorophenol (SS)	74	N/A	
Phenol-d5 (SS)	99	N/A	
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorobiphenyl (SS)	95	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0135)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0136
Laboratory No. : 21727-5
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-5SS
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0136

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/30/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/09/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	4.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	360	2.4	mg/kg
TFH-GAS (TFH-GAS)	75	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5720	24.0	
Barium	72.8	12.0	
Calcium	1650	120	
Chromium	27.1	3.6	
Cobalt	6.5	4.8	
Copper	13.2	3.6	
Iron	10800	12.0	
Lead	269	24.0	
Magnesium	1530	120	
Manganese	183	1.8	
Nickel	10.9	4.8	
Potassium	311	240	
Sodium	143	120	
Vanadium	34.0	4.8	
Zinc	56.4	2.4	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032 B	0.005	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0136 continued on next page)

(results for BAFB-0136 continued)

Field No. : BAFB-0136
Laboratory No. : 21727-5
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-5SS
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.0 BJ	1.6	
2-Fluorophenol (SS)	75	N/A	
Phenol-d5 (SS)	100	N/A	
Nitrobenzene-d5 (SS)	95	N/A	
2-Fluorobiphenyl (SS)	99	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0136)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0137
Laboratory No. : 21727-6
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-6SS
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0137 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/30/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/09/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	4.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	59.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	7400	4.9	mg/kg
TFH-GAS (TFH-GAS)	230	120	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17500	49.0	
Barium	191	24.5	
Cadmium	4.4	2.5	
Calcium	4090	245	
Chromium	61.5	7.4	
Cobalt	13.5	9.8	
Copper	57.6	7.4	
Iron	23900	24.5	
Lead	154	49.0	
Magnesium	2920	245	
Manganese	645	3.7	
Nickel	29.4	9.8	
Potassium	760	490	
Sodium	324	245	
Vanadium	68.6	9.8	
Zinc	380	4.9	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.041 B	0.005	
Toluene	0.044	0.005	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0137 continued on next page)

(results for BAFB-0137 continued)

Field No. : BAFB-0137
Laboratory No. : 21727-6
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-6SS
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 BJ	3.2	
bis(2-Ethylhexyl)Phthalate	3.4	3.2	
2-Fluorophenol (SS)	81	N/A	
Phenol-d5 (SS)	110	N/A	
Nitrobenzene-d5 (SS)	120	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	150	N/A	
p-Terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0137)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0138
Laboratory No. : 21727-7
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-6SS
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0138

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/30/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/09/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	32.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	3500	3.0	mg/kg
TFH-GAS (TFH-GAS)	340	74	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11100	29.5	
Barium	129	14.8	
Cadmium	2.8	1.5	
Calcium	2270	148	
Chromium	45.1	4.4	
Cobalt	10.2	5.9	
Copper	26.6	4.4	
Iron	15100	14.8	
Lead	63.8	29.5	
Magnesium	1540	148	
Manganese	533	2.2	
Nickel	14.8	5.9	
Potassium	340	295	
Sodium	176	148	
Vanadium	47.9	5.9	
Zinc	183	3.0	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0138 continued on next page)

(results for BAFB-0138 continued)

Field No. : BAFB-0138
Laboratory No. : 21727-7
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-6SS
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.32 B	0.025	
Toluene	0.46	0.025	
Toluene-d8 (SS)	85	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.1 B	0.97	
Isophorone	0.53 J	0.97	
bis(2-Ethylhexyl)Phthalate	1.2	0.97	
2-Fluorophenol (SS)	71	N/A	
Phenol-d5 (SS)	91	N/A	
Nitrobenzene-d5 (SS)	109	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	118	N/A	
p-Terphenyl-d14 (SS)	72	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0138)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0190
Laboratory No. : 21803-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-7SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0190 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	240	1.3	mg/kg
TFH-GAS (TFH-GAS)	67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7860	26.8	
Barium	150	13.4	
Calcium	2160	134	
Chromium	60.2	4.0	
Cobalt	9.5	5.4	
Copper	22.8	4.0	
Iron	17900	13.4	
Lead	159	26.8	
Magnesium	1700	134	
Manganese	324	2.0	
Nickel	16.1	5.4	
Potassium	388	268	
Sodium	161	134	
Vanadium	59.2	5.4	
Zinc	54.4	2.7	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.025 B	0.007	
Acetone	0.019 B	0.013	
Trichloroethene	0.004 J	0.007	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	77	N/A	
1,2-Dichloroethane-d4 (SS)	94	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0190 continued on next page)

(results for BAFB-0190 continued)

Field No. : BAFB-0190
Laboratory No. : 21803-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-7SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.62 BJ	0.88	
Phenanthrene	0.37 J	0.88	
bis(2-Ethylhexyl)Phthalate	0.36 J	0.88	
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	79	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
2,4,6-Tribromophenol (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0190)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0191
Laboratory No. : 21803-3
Sample Depth : 0.00 - 0.50 ft. BGS
Field Replicate for BAFB-0190

Field Log No. : 1-C-7SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0191

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	220	1.3	mg/kg
TFH-GAS (TFH-GAS)	66	66	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11000	26.4	
Barium	164	13.2	
Calcium	2570	132	
Chromium	132	4.0	
Cobalt	10.2	5.3	
Copper	18.5	4.0	
Iron	18900	13.2	
Lead	249	26.4	
Magnesium	2040	132	
Manganese	317	2.0	
Nickel	18.5	5.3	
Potassium	515	264	
Sodium	193	132	
Vanadium	49.6	5.3	
Zinc	100	2.6	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.034 B	0.007	
Acetone	0.025 B	0.013	
Trichloroethene	0.003 J	0.007	
Toluene-d8 (SS)	130	N/A	
1,4-Bromofluorobenzene (SS)	61	N/A	
1,2-Dichloroethane-d4 (SS)	71	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0191 continued on next page)

(results for BAFB-0191 continued)

Field No. : BAFB-0191
Laboratory No. : 21803-3
Sample Depth : 0.00 - 0.50 ft. BGS
Field Replicate for BAFB-0190

Field Log No. : 1-C-7SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 B	0.87	
Nitrobenzene-d5 (SS)	91	N/A	
2-Fluorophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	81	N/A	
Phenol-d5 (SS)	90	N/A	
2-Fluorobiphenyl (SS)	93	N/A	
2,4,6-Tribromophenol (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0191)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0192
Laboratory No. : 21803-4
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-7SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0192

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20	N/A	%
TFH-DIESEL (TFH-DIESEL)	310	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9590	25.0	
Barium	179	12.5	
Calcium	2350	125	
Chromium	32.8	3.8	
Cobalt	11.6	5.0	
Copper	18.8	3.8	
Iron	16600	12.5	
Lead	29.3	25.0	
Magnesium	1940	125	
Manganese	350	1.9	
Nickel	16.3	5.0	
Potassium	475	250	
Sodium	200	125	
Vanadium	45.4	5.0	
Zinc	60.5	2.5	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.018 B	0.006	
Trichloroethene	0.003 J	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0192 continued on next page)

(results for BAFB-0192 continued)

Field No. : BAFB-0192
Laboratory No. : 21803-4
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-7SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 B	0.83	
Phenanthrene	0.28 J	0.83	
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorophenol (SS)	85	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	99	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
2,4,6-Tribromophenol (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0192)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0193
Laboratory No. : 21803-5
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-8SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0193		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	1700	1.3	mg/kg
TFH-GAS (TFH-GAS)	160	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10800	26.8	
Barium	265	13.4	
Calcium	3290	134	
Chromium	57.3	4.0	
Cobalt	11.1	5.4	
Copper	26.8	4.0	
Iron	18900	13.4	
Lead	39.9	26.8	
Magnesium	2500	134	
Manganese	303	2.0	
Nickel	21.4	5.4	
Potassium	562	268	
Sodium	185	134	
Vanadium	58.4	5.4	
Zinc	141	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0193 continued on next page)

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(results for BAFB-0193 continued)

Field No. : BAFB-0193
Laboratory No. : 21803-5
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-8SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.017 BJ	0.033	
Toluene	0.007 J	0.033	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
1,2-Dichloroethane-d4 (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 J	2.3	
Phenanthrene	4.3	2.3	
Anthracene	0.52 J	2.3	
Fluoranthene	12	2.3	
Pyrene	9.2	2.3	
Benzo(a)anthracene	4.3	2.3	
Chrysene	7.9	2.3	
bis(2-Ethylhexyl)Phthalate	2.7	2.3	
Benzo(b)fluoranthene	6.3	2.3	
Benzo(a)pyrene	3.9	2.3	
Indeno(1,2,3-cd)Pyrene	0.62 J	2.3	
Nitrobenzene-d5 (SS)	98	N/A	
2-Fluorophenol (SS)	100	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	99	N/A	
2,4,6-Tribromophenol (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0193)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0194
Laboratory No. : 21803-6
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-8SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0194

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	10.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.6	N/A	%
TFH-DIESEL (TFH-DIESEL)	1000	1.3	mg/kg
TFH-GAS (TFH-GAS)	180	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9590	25.5	
Barium	180	12.8	
Calcium	3270	128	
Chromium	43.2	3.8	
Cobalt	12.8	5.1	
Copper	19.1	3.8	
Iron	17300	12.8	
Lead	71.0	25.5	
Magnesium	2170	128	
Manganese	603	1.9	
Nickel	20.4	5.1	
Potassium	497	255	
Sodium	189	128	
Vanadium	51.8	5.1	
Zinc	93.1	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0194 continued on next page)

(results for BAFB-0194 continued)

Field No. : BAFB-0194
Laboratory No. : 21803-6
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-8SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.023 BJ	0.032	
Carbon Disulfide	0.018 J	0.032	
1,2-Dichloroethene (total)	0.011 J	0.032	
Trichloroethene	0.013 J	0.032	
Tetrachloroethene	0.015 J	0.032	
Toluene	0.023 J	0.032	
Ethylbenzene	0.013 J	0.032	
Xylenes (total)	0.022 J	0.032	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
1,2-Dichloroethane-d4 (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.0 BJ	4.2	
Fluoranthene	0.50 BJ	4.2	
Pyrene	0.47 J	4.2	
bis(2-Ethylhexyl)Phthalate	0.91 BJ	4.2	
2-Fluorophenol (SS)	103	N/A	
Phenol-d5 (SS)	72	N/A	
Nitrobenzene-d5 (SS)	97	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
2,4,6-Tribromophenol (SS)	84	N/A	
p-Terphenyl-d14 (SS)	105	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0194)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0195
Laboratory No. : 21803-7
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-9SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0195

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	9.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9030	23.1	
Barium	141	11.5	
Calcium	2250	115	
Chromium	28.7	3.5	
Cobalt	10.1	4.6	
Copper	16.1	3.5	
Iron	17300	11.5	
Magnesium	2080	115	
Manganese	381	1.7	
Nickel	16.1	4.6	
Potassium	496	231	
Sodium	138	115	
Vanadium	49.4	4.6	
Zinc	34.8	2.3	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.021 B	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0195 continued on next page)

Field No. : BAFB-0195
Laboratory No. : 21803-7
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-9SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.2 B	0.76	
N-Nitrosodiphenylamine (1)	0.096 J	0.76	
bis(2-Ethylhexyl)Phthalate	43 B	0.76	
2-Fluorophenol (SS)	111	N/A	
Phenol-d5 (SS)	84	N/A	
Nitrobenzene-d5 (SS)	109	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	88	N/A	
p-Terphenyl-d14 (SS)	128	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0195)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0196
Laboratory No. : 21803-8
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-9SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0196

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	11	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10400	23.3	
Barium	125	11.7	
Calcium	2150	117	
Chromium	37.2	3.5	
Cobalt	11.7	4.7	
Copper	17.5	3.5	
Iron	18700	11.7	
Magnesium	1910	117	
Manganese	250	1.8	
Nickel	19.8	4.7	
Potassium	572	233	
Sodium	170	117	
Vanadium	58.2	4.7	
Zinc	31.4	2.3	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032 B	0.006	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
1,2-Dichloroethane-d4 (SS)	99	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0196 continued on next page)

(results for BAFB-0196 continued)

Field No. : BAFB-0196
Laboratory No. : 21803-8
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-9SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.98 B	0.77	
bis(2-Ethylhexyl)Phthalate	19 B	0.77	
2-Fluorophenol (SS)	97	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	93	N/A	
p-Terphenyl-d14 (SS)	118	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0196)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0197
Laboratory No. : 21803-9
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-10SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0197

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	10.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	41.6	N/A	%
TFH-DIESEL (TFH-DIESEL)	10000	1.7	mg/kg
TFH-GAS (TFH-GAS)	170	86	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13200	34.2	
Barium	165	17.1	
Calcium	4370	171	
Chromium	72.1	5.1	
Cobalt	11.1	6.8	
Copper	64.2	5.1	
Iron	19300	17.1	
Lead	119	34.2	
Magnesium	3540	171	
Manganese	250	2.6	
Nickel	32.5	6.8	
Potassium	736	342	
Sodium	284	171	
Vanadium	58.7	6.8	
Zinc	248	3.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0197 continued on next page)

(results for BAFB-0197 continued)

Field No. : BAFB-0197
Laboratory No. : 21803-9
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-10SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.075 B	0.043	
Toluene	0.015 J	0.043	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Fluoranthene	1.0 BJ	5.7	
Pyrene	1.3 J	5.7	
Benzo(a)anthracene	0.87 J	5.7	
bis(2-Ethylhexyl)Phthalate	5.1 BJ	5.7	
Chrysene	1.3 J	5.7	
Benzo(a)pyrene	0.62 J	5.7	
2-Fluorophenol (SS)	85	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	86	N/A	
2-Fluorobiphenyl (SS)	107	N/A	
2,4,6-Tribromophenol (SS)	119	N/A	
p-Terphenyl-d14 (SS)	132	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0197)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0198
Laboratory No. : 21803-10
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-10SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0198

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	39.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	4800	1.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<83	83	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16000	33.3	
Barium	193	16.6	
Calcium	4810	166	
Chromium	70.7	5.0	
Cobalt	16.1	6.7	
Copper	42.9	5.0	
Iron	23800	16.6	
Lead	90.8	33.3	
Magnesium	2900	166	
Manganese	498	2.5	
Nickel	25.0	6.7	
Potassium	832	333	
Sodium	285	166	
Vanadium	68.6	6.7	
Zinc	145	3.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0198 continued on next page)

(results for BAFB-0198 continued)

Field No. : BAFB-0198
Laboratory No. : 21803-10
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-10SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.078 B	0.042	
Acetone	0.12 B	0.083	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
1,2-Dichloroethane-d4 (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.4 B	1.1	
Phenanthrene	0.14 BJ	1.1	
bis(2-Ethylhexyl)Phthalate	1.1 B	1.1	
Chrysene	0.14 J	1.1	
2-Fluorophenol (SS)	92	N/A	
Phenol-d5 (SS)	69	N/A	
Nitrobenzene-d5 (SS)	82	N/A	
2-Fluorobiphenyl (SS)	81	N/A	
2,4,6-Tribromophenol (SS)	100	N/A	
p-Terphenyl-d14 (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0198)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0199
Laboratory No. : 21803-11
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-11SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0199

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	10.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	43.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	5300	1.8	mg/kg
TFH-GAS (TFH-GAS)	410	88	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	35.3	
Barium	222	17.6	
Cadmium	1.8	1.8	
Calcium	4390	176	
Chromium	63.0	5.3	
Cobalt	19.4	7.1	
Copper	49.7	5.3	
Iron	24300	17.6	
Lead	84.1	35.3	
Magnesium	3100	176	
Manganese	610	2.6	
Nickel	30.0	7.1	
Potassium	776	353	
Sodium	266	176	
Vanadium	72.1	7.1	
Zinc	277	3.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0199 continued on next page)

(results for BAFB-0199 continued)

Field No. : BAFB-0199
Laboratory No. : 21803-11
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-11SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.076 B	0.044	
Toluene	0.19	0.044	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
1,2-Dichloroethane-d4 (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 BJ	5.8	
Di-n-Butylphthalate	0.63 BJ	5.8	
Fluoranthene	0.74 BJ	5.8	
Pyrene	0.72 J	5.8	
Butylbenzylphthalate	0.58 J	5.8	
Benzo(a)anthracene	0.62 J	5.8	
bis(2-Ethylhexyl)Phthalate	2.1 BJ	5.8	
Chrysene	0.69 J	5.8	
2-Fluorophenol (SS)	86	N/A	
Phenol-d5 (SS)	75	N/A	
Nitrobenzene-d5 (SS)	112	N/A	
2-Fluorobiphenyl (SS)	96	N/A	
2,4,6-Tribromophenol (SS)	114	N/A	
p-Terphenyl-d14 (SS)	114	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0199)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0200
Laboratory No. : 21803-12
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-11SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0200

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/20/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	38.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	1800	1.6	mg/kg
TFH-GAS (TFH-GAS)	260	82	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	24800	32.6	
Barium	284	16.3	
Calcium	4710	163	
Chromium	46.5	4.9	
Cobalt	17.9	6.5	
Copper	38.3	4.9	
Iron	31600	16.3	
Lead	34.9	32.6	
Magnesium	3650	163	
Manganese	481	2.4	
Nickel	33.1	6.5	
Potassium	979	326	
Sodium	382	163	
Vanadium	76.3	6.5	
Zinc	127	3.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0200 continued on next page)

(results for BAFB-0200 continued)

Field No. : BAFB-0200
Laboratory No. : 21803-12
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-11SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028 BJ	0.041	
Acetone	0.026 BJ	0.082	
Toluene	0.060	0.041	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	1.1	
Phenanthrene	0.13 BJ	1.1	
Fluoranthene	0.29 BJ	1.1	
Pyrene	0.31 J	1.1	
Benzo(a)anthracene	0.18 J	1.1	
bis(2-Ethylhexyl)Phthalate	1.1 BJ	1.1	
Chrysene	0.20 J	1.1	
2-Fluorophenol (SS)	121	N/A	
Phenol-d5 (SS)	110	N/A	
Nitrobenzene-d5 (SS)	116	N/A	
2-Fluorobiphenyl (SS)	114	N/A	
2,4,6-Tribromophenol (SS)	121	N/A	
p-Terphenyl-d14 (SS)	119	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0200)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0201
Laboratory No. : 21804-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-12SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0201

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	2500	1.3	mg/kg
TFH-GAS (TFH-GAS)	180	66	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11400	26.2	
Barium	383	13.1	
Calcium	3190	131	
Chromium	69.9	3.9	
Cobalt	12.1	5.2	
Copper	26.5	3.9	
Iron	20700	13.1	
Lead	87.0	26.2	
Magnesium	2390	131	
Manganese	286	2.0	
Nickel	19.7	5.2	
Potassium	709	262	
Sodium	261	131	
Vanadium	63.4	5.2	
Zinc	96.5	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0201 continued on next page)

(results for BAFB-0201 continued)

Field No. : BAFB-0201
Laboratory No. : 21804-2
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-12SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.017 BJ	0.033	
Acetone	0.17 B	0.066	
Trichloroethene	0.009 J	0.033	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.3 B	0.43	
2,4-Dinitrotoluene	0.13 J	0.43	
N-Nitrosodiphenylamine (1)	0.13 J	0.43	
Di-n-Butylphthalate	0.10 BJ	0.43	
bis(2-Ethylhexyl)Phthalate	0.25 BJ	0.43	
2-Fluorophenol (SS)	105	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	101	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
2,4,6-Tribromophenol (SS)	96	N/A	
p-Terphenyl-d14 (SS)	116	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0201)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0202
Laboratory No. : 21804-3
Sample Depth : 0.00 - 0.50 ft. BGS
Field Replicate for BAFB-0201

Field Log No. : 1-C-12SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0202		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	30.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	1300	1.4	mg/kg
TFH-GAS (TFH-GAS)	140	72	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9810	28.8	
Barium	399	14.4	
Calcium	2630	144	
Chromium	40.0	4.3	
Cobalt	11.7	5.8	
Copper	21.6	4.3	
Iron	18700	14.4	
Magnesium	2200	144	
Manganese	296	2.2	
Nickel	17.3	5.8	
Potassium	719	288	
Sodium	249	144	
Vanadium	54.7	5.8	
Zinc	136	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0202 continued on next page)

(results for BAFB-0202 continued)

Field No. : BAFB-0202
Laboratory No. : 21804-3
Sample Depth : 0.00 - 0.50 ft. BGS
Field Replicate for BAFB-0201

Field Log No. : 1-C-12SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.020 BJ	0.036	
Toluene	0.019 J	0.036	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	
1,2-Dichloroethane-d4 (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.59 BJ	0.95	
N-Nitrosodiphenylamine (1)	0.11 J	0.95	
bis(2-Ethylhexyl)Phthalate	0.19 BJ	0.95	
2-Fluorophenol (SS)	46	N/A	
Phenol-d5 (SS)	32	N/A	
Nitrobenzene-d5 (SS)	43	N/A	
2-Fluorobiphenyl (SS)	32	N/A	
2,4,6-Tribromophenol (SS)	42	N/A	
p-Terphenyl-d14 (SS)	45	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0202)

BEALE AFB SITE 1: Soil Data 1988/1989

Field No. : BAFB-0203
Laboratory No. : 21804-4
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-12SS
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0203

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	32.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	910	1.5	mg/kg
TFH-GAS (TFH-GAS)	130	75	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	29.8	
Barium	380	14.9	
Calcium	3220	149	
Chromium	35.3	4.5	
Cobalt	16.4	6.0	
Copper	25.3	4.5	
Iron	21600	14.9	
Lead	45.8	29.8	
Magnesium	2490	149	
Manganese	408	2.2	
Nickel	25.3	6.0	
Potassium	686	298	
Sodium	277	149	
Vanadium	62.0	6.0	
Zinc	103	3.0	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0203 continued on next page)

(results for BAFB-0203 continued)

Field No. : BAFB-0203
Laboratory No. : 21804-4
Sample Depth : 1.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 1-C-12SS
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.021 BJ	0.037	
Acetone	0.015 BJ	0.075	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
1,2-Dichloroethane-d4 (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.33 BJ	0.98	
bis(2-Ethylhexyl)Phthalate	0.22 BJ	0.98	
2-Fluorophenol (SS)	28	N/A	
Phenol-d5 (SS)	20	N/A	
Nitrobenzene-d5 (SS)	26	N/A	
2-Fluorobiphenyl (SS)	20	N/A	
2,4,6-Tribromophenol (SS)	22	N/A	
p-Terphenyl-d14 (SS)	27	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0203)

SITE 1

Water Data 1st Round Sampling

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0491
Laboratory No. : 22738-1
Normal Environmental Sample

Field Log No. : 1-C-1GW
Sampling Date : 03/16/89
Matrix : Water

Tests performed on sample: BAFB-0491

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/16/89	wet	1.0	umhos/cm
E170.1	Temperature	03/16/89	wet	1.0	degreesc
E150.1	pH	03/16/89	wet	1.0	pH
SM403	Alkalinity - Total	03/16/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/16/89	wet	1.0	mg/l
SM403	Bicarbonate	03/16/89	wet	1.0	mg/l
SM403	Carbonate	03/16/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/04/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/30/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/30/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	165	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.13	N/A	pH
ALKALINITY-TOTAL (SM403)	70.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	185	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0491 continued on next page)

(results for BAFB-0491 continued)

Field No. : BAFB-0491
Laboratory No. : 22738-1
Normal Environmental Sample

Field Log No. : 1-C-1GW
Sampling Date : 03/16/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	12.0		1.0	mg/l
FLUORIDE (E340.2)	0.21		0.050	mg/l
NITRATE + NITRITE (E353.3)	7.1		0.050	mg/l
SULFATE (E375.4)	7.5		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	11.1		1.00	
Potassium	1.80		1.00	
Magnesium	6.10		1.00	
Sodium	17.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	111		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(1)	1	
trifluorotoluene (SS)	101		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	61		N/A	
2-fluorophenol (SS)	60		N/A	
2-fluorobiphenyl (SS)	76		N/A	
nitrobenzene-d5 (SS)	70		N/A	
phenol-d5 (SS)	71		N/A	
p-terphenyl-d14 (SS)	68		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0491)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0497
Laboratory No. : 22739-3
Normal Environmental Sample

Field Log No. : 1-C-2GW
Sampling Date : 03/17/89
Matrix : Water

Tests performed on sample: BAFB-0497 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/17/89	wet	1.0	umhos/cm
E170.1	Temperature	03/17/89	wet	1.0	degreesc
E150.1	pH	03/17/89	wet	1.0	pH
SM403	Alkalinity - Total	03/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/17/89	wet	1.0	mg/l
SM403	Bicarbonate	03/17/89	wet	1.0	mg/l
SM403	Carbonate	03/17/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/05/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/31/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/31/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	225	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.06	N/A	pH
ALKALINITY-TOTAL (SM403)	68.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	83.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	196	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0497 continued on next page)

(results for BAFB-0497 continued)

Field No. : BAFB-0497
Laboratory No. : 22739-3
Normal Environmental Sample

Field Log No. : 1-C-2GW
Sampling Date : 03/17/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	27.5	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.050	mg/l
NITRATE + NITRITE (E353.3)	4.3	0.050	mg/l
SULFATE (E375.4)	8.5	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	11.1	1.00	
Potassium	1.60	1.00	
Magnesium	5.58	1.00	
Sodium	28.5	1.00	
Zinc	0.285	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	93	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	2	1	
trifluorotoluene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	67	N/A	
2-fluorophenol (SS)	72	N/A	
2-fluorobiphenyl (SS)	69	N/A	
nitrobenzene-d5 (SS)	62	N/A	
phenol-d5 (SS)	85	N/A	
p-terphenyl-d14 (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0497)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0493
Laboratory No. : 22738-3
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 03/16/89
Matrix : Water

Tests performed on sample: BAFB-0493

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/16/89	wet	1.0	umhos/cm
E170.1	Temperature	03/16/89	wet	1.0	degreesc
E150.1	pH	03/16/89	wet	1.0	pH
SM403	Alkalinity - Total	03/16/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/16/89	wet	1.0	mg/l
SM403	Bicarbonate	03/16/89	wet	1.0	mg/l
SM403	Carbonate	03/16/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/04/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/30/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/30/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	239	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.06	N/A	pH
ALKALINITY-TOTAL (SM403)	90.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	110.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	249	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0493 continued on next page)

(results for BAFB-0493 continued)

Field No. : BAFB-0493
Laboratory No. : 22738-3
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 03/16/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	27.0		1.0	mg/l
FLUORIDE (E340.2)	0.22		0.050	mg/l
NITRATE + NITRITE (E353.3)	4.3		0.050	mg/l
SULFATE (E375.4)	23.4		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	19.6		1.00	
Potassium	1.60		1.00	
Magnesium	11.1		1.00	
Sodium	26.2		1.00	
Zinc	0.118		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	8	(12)	1	
bromochloromethane (SS)	106		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	101		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	56		N/A	
2-fluorophenol (SS)	46		N/A	
2-fluorobiphenyl (SS)	61		N/A	
nitrobenzene-d5 (SS)	56		N/A	
phenol-d5 (SS)	56		N/A	
p-terphenyl-d14 (SS)	59		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0493)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0494
Laboratory No. : 22738-4
Field Replicate for BAFB-0493

Field Log No. : 1-C-3GW
Sampling Date : 03/16/89
Matrix : Water

Tests performed on sample: BAFB-0494

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/16/89	wet	1.0	umhos/cm
E170.1	Temperature	03/16/89	wet	1.0	degreesc
E150.1	pH	03/16/89	wet	1.0	pH
SM403	Alkalinity - Total	03/16/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/16/89	wet	1.0	mg/l
SM403	Bicarbonate	03/16/89	wet	1.0	mg/l
SM403	Carbonate	03/16/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/05/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/30/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/30/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	239	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.06	N/A	pH
ALKALINITY-TOTAL (SM403)	87.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	106.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	250	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0494 continued on next page)

(results for BAFB-0494 continued)

Field No. : BAFB-0494
Laboratory No. : 22738-4
Field Replicate for BAFB-0493

Field Log No. : 1-C-3GW
Sampling Date : 03/16/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	27.5		1.0	mg/l
FLUORIDE (E340.2)	0.22		0.050	mg/l
NITRATE + NITRITE (E353.3)	5.1		0.050	mg/l
SULFATE (E375.4)	26.2		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	19.9		1.00	
Potassium	2.40		1.00	
Magnesium	11.2		1.00	
Sodium	27.2		1.00	
Zinc	0.095		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	7	(8)	1	
bromochloromethane (SS)	124		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	113		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	60		N/A	
2-fluorophenol (SS)	63		N/A	
2-fluorobiphenyl (SS)	66		N/A	
nitrobenzene-d5 (SS)	63		N/A	
phenol-d5 (SS)	73		N/A	
p-terphenyl-d14 (SS)	69		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0494)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0495
Laboratory No. : 22739-1
Equipment Wash Blank

Field Log No. : 1-C-3GW
Sampling Date : 03/17/89
Matrix : Water

Tests performed on sample: BAFB-0495 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/17/89	wet	1.0	umhos/cm
E170.1	Temperature	03/17/89	wet	1.0	degreesc
E150.1	pH	03/17/89	wet	1.0	pH
SM403	Alkalinity - Total	03/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/17/89	wet	1.0	mg/l
SM403	Bicarbonate	03/17/89	wet	1.0	mg/l
SM403	Carbonate	03/17/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/05/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/31/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/31/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	0	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.00	N/A	pH
ALKALINITY-TOTAL (SM403)	7.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	8.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	<3.0	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0495 continued on next page)

(results for BAFB-0495 continued)

Field No. : BAFB-0495
Laboratory No. : 22739-1
Equipment Wash Blank

Field Log No. : 1-C-3GW
Sampling Date : 03/17/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	0.10	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	93	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	104	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	56	N/A	
2-fluorophenol (SS)	60	N/A	
2-fluorobiphenyl (SS)	77	N/A	
nitrobenzene-d5 (SS)	71	N/A	
phenol-d5 (SS)	69	N/A	
p-terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0495)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0496
Laboratory No. : 22739-2
Field Blank

Field Log No. : 1-C-3GW
Sampling Date : 03/17/89
Matrix : Water

Tests performed on sample: BAFB-0496 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	03/31/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/31/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	93	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	102	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0496)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0499
Laboratory No. : 22760-1
Normal Environmental Sample

Field Log No. : 1-C-4GW
Sampling Date : 03/20/89
Matrix : Water

Tests performed on sample: BAFB-0499 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/20/89	wet	1.0	umhos/cm
E170.1	Temperature	03/20/89	wet	1.0	degreesc
E150.1	pH	03/20/89	wet	1.0	pH
SM403	Alkalinity - Total	03/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/20/89	wet	1.0	mg/l
SM403	Bicarbonate	03/20/89	wet	1.0	mg/l
SM403	Carbonate	03/20/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/24/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/05/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	04/03/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/03/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/03/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	300	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.30	N/A	pH
ALKALINITY-TOTAL (SM403)	71.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	87.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0030	0.0030	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	185	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0499 continued on next page)

(results for BAFB-0499 continued)

Field No. : BAFB-0499
Laboratory No. : 22760-1
Normal Environmental Sample

Field Log No. : 1-C-4GW
Sampling Date : 03/20/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	11.5	1.0	mg/l
FLUORIDE (E340.2)	0.28	0.050	mg/l
NITRATE + NITRITE (E353.3)	4.9	0.050	mg/l
SULFATE (E375.4)	5.7	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	9.41	1.00	
Potassium	1.60	1.00	
Magnesium	5.10	1.00	
Sodium	30.2	1.00	
Zinc	0.047	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	95	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	54	N/A	
2-fluorophenol (SS)	57	N/A	
2-fluorobiphenyl (SS)	69	N/A	
nitrobenzene-d5 (SS)	69	N/A	
phenol-d5 (SS)	66	N/A	
p-terphenyl-d14 (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0499)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0498
Laboratory No. : 22739-4
Normal Environmental Sample

Field Log No. : 1-C-5GW
Sampling Date : 03/17/89
Matrix : Water

Tests performed on sample: BAFB-0498

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/17/89	wet	1.0	umhos/cm
E170.1	Temperature	03/17/89	wet	1.0	degreesc
E150.1	pH	03/17/89	wet	1.0	pH
SM403	Alkalinity - Total	03/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/17/89	wet	1.0	mg/l
SM403	Bicarbonate	03/17/89	wet	1.0	mg/l
SM403	Carbonate	03/17/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/05/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/31/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/31/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	203	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.76	N/A	pH
ALKALINITY-TOTAL (SM403)	76.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	93.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	194	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0498 continued on next page)

Field No. : BAFB-0498
Laboratory No. : 22739-4
Normal Environmental Sample

Field Log No. : 1-C-5GW
Sampling Date : 03/17/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	15.5		1.0	mg/l
FLUORIDE (E340.2)	0.24		0.050	mg/l
NITRATE + NITRITE (E353.3)	6.8		0.050	mg/l
SULFATE (E375.4)	8.0		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	15.3		1.00	
Potassium	1.60		1.00	
Magnesium	6.77		1.00	
Sodium	20.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(3)	1	
bromochloromethane (SS)	121		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	89		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	54		N/A	
2-fluorophenol (SS)	63		N/A	
2-fluorobiphenyl (SS)	61		N/A	
nitrobenzene-d5 (SS)	54		N/A	
phenol-d5 (SS)	73		N/A	
p-terphenyl-d14 (SS)	68		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0498)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0492
Laboratory No. : 22738-2
Normal Environmental Sample

Field Log No. : 1-A-1GW
Sampling Date : 03/16/89
Matrix : Water

Tests performed on sample: BAFB-0492 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/16/89	wet	1.0	umhos/cm
E170.1	Temperature	03/16/89	wet	1.0	degreesc
E150.1	pH	03/16/89	wet	1.0	pH
SM403	Alkalinity - Total	03/16/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/16/89	wet	1.0	mg/l
SM403	Bicarbonate	03/16/89	wet	1.0	mg/l
SM403	Carbonate	03/16/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/21/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/04/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/22/89	wet	1.0	mg/l
SW6010	ICP Metals	03/31/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/30/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/30/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	220	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.20	N/A	pH
ALKALINITY-TOTAL (SM403)	81.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	99.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	206	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0492 continued on next page)

(results for BAFB-0492 continued)

Field No. : BAFB-0492
Laboratory No. : 22738-2
Normal Environmental Sample

Field Log No. : 1-A-1GW
Sampling Date : 03/16/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	22.5		1.0	mg/l
FLUORIDE (E340.2)	0.25		0.050	mg/l
NITRATE + NITRITE (E353.3)	5.9		0.050	mg/l
SULFATE (E375.4)	10.2		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	11.6		1.00	
Magnesium	6.19		1.00	
Potassium	1.70		1.00	
Sodium	29.7		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(3)	1	
bromochloromethane (SS)	122		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	106		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	55		N/A	
2-fluorophenol (SS)	58		N/A	
2-fluorobiphenyl (SS)	71		N/A	
nitrobenzene-d5 (SS)	69		N/A	
phenol-d5 (SS)	68		N/A	
p-terphenyl-d14 (SS)	51		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0492)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0446
Laboratory No. : 22428-2
Normal Environmental Sample

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Tests performed on sample: BAFB-0446

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/22/89	wet	1.0	umhos/cm
E170.1	Temperature	02/22/89	wet	1.0	degreesc
E150.1	pH	02/22/89	wet	1.0	pH
SM403	Alkalinity - Total	02/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/22/89	wet	1.0	mg/l
SM403	Bicarbonate	02/22/89	wet	1.0	mg/l
SM403	Carbonate	02/22/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/01/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	30	N/A	umhos/cm
TEMPERATURE (E170.1)	13.5	N/A	degrees c
pH (E150.1)	7.08	N/A	pH
ALKALINITY-TOTAL (SM403)	22.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	27.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	62.0	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0446 continued on next page)

(results for BAFB-0446 continued)

Field No. : BAFB-0446
Laboratory No. : 22428-2
Normal Environmental Sample

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	1.9	0.050	mg/l
SULFATE (E375.4)	4.3	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	9.0	0.050	mg/l
TFH-GAS (TFH-GAS)	0.40	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	4.00	1.00	
Manganese	0.034	0.015	
Sodium	2.05	1.00	
Zinc	0.036	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	112	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	111	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	58	N/A	
2-fluorophenol (SS)	61	N/A	
2-fluorobiphenyl (SS)	82	N/A	
nitrobenzene-d5 (SS)	80	N/A	
phenol-d5 (SS)	67	N/A	
p-terphenyl-d14 (SS)	62	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0446)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0447
Laboratory No. : 22428-3
Field Replicate for BAFB-0446

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Tests performed on sample: BAFB-0447

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/22/89	wet	1.0	umhos/cm
E170.1	Temperature	02/22/89	wet	1.0	degreesc
E150.1	pH	02/22/89	wet	1.0	pH
SM403	Alkalinity - Total	02/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/22/89	wet	1.0	mg/l
SM403	Bicarbonate	02/22/89	wet	1.0	mg/l
SM403	Carbonate	02/22/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/01/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/23/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	30	N/A	umhos/cm
TEMPERATURE (E170.1)	13.5	N/A	degrees c
pH (E150.1)	7.08	N/A	pH
ALKALINITY-TOTAL (SM403)	20.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	25.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	65.0	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0447 continued on next page)

(results for BAFB-0447 continued)

Field No. : BAFB-0447
Laboratory No. : 22428-3
Field Replicate for BAFB-0446

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	3.9	0.050	mg/l
SULFATE (E375.4)	4.0	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	5.0	0.050	mg/l
TFH-GAS (TFH-GAS)	0.30	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	3.94	1.00	
Manganese	0.030	0.015	
Sodium	1.96	1.00	
Zinc	0.037	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	90	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	111	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	69	N/A	
2-fluorophenol (SS)	52	N/A	
2-fluorobiphenyl (SS)	97	N/A	
nitrobenzene-d5 (SS)	99	N/A	
phenol-d5 (SS)	67	N/A	
p-terphenyl-d14 (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0447)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0465
Laboratory No. : 22428-4
Equipment Wash Blank

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Tests performed on sample: BAFB-0465 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/22/89	wet	1.0	umhos/cm
E170.1	Temperature	02/22/89	wet	1.0	degreesc
E150.1	pH	02/22/89	wet	1.0	pH
SM403	Alkalinity - Total	02/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/22/89	wet	1.0	mg/l
SM403	Bicarbonate	02/22/89	wet	1.0	mg/l
SM403	Carbonate	02/22/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/01/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
SW7421	Lead	03/16/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	0	N/A	umhos/cm
TEMPERATURE (E170.1)	0.0	N/A	degrees c
pH (E150.1)	7.00	N/A	pH
ALKALINITY-TOTAL (SM403)	7.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	9.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	39.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0465 continued on next page)

(results for BAFB-0465 continued)

Field No. : BAFB-0465
Laboratory No. : 22428-4
Equipment Wash Blank

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	1.5	0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	3.12	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	97	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
nitrobenzene-d5 (SS)	94	N/A	
2-fluorobiphenyl (SS)	89	N/A	
p-terphenyl-d14 (SS)	110	N/A	
phenol-d5 (SS)	65	N/A	
2-fluorophenol (SS)	58	N/A	
2,4,6-tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0465)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0466
Laboratory No. : 22428-5
Field Blank

Field Log No. : 1-C-1DC
Sampling Date : 02/22/89
Matrix : Water

Tests performed on sample: BAFB-0466 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	91	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0466)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0442
Laboratory No. : 22421-2
Normal Environmental Sample

Field Log No. : 1-C-1SW
Sampling Date : 02/21/89
Matrix : Water

Tests performed on sample: BAFB-0442 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/21/89	wet	1.0	umhos/cm
E170.1	Temperature	02/21/89	wet	1.0	degreesc
E150.1	pH	02/21/89	wet	1.0	pH
SM403	Alkalinity - Total	02/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/21/89	wet	1.0	mg/l
SM403	Bicarbonate	02/21/89	wet	1.0	mg/l
SM403	Carbonate	02/21/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/27/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	130	N/A	umhos/cm
TEMPERATURE (E170.1)	14.5	N/A	degrees c
pH (E150.1)	8.90	N/A	pH
ALKALINITY-TOTAL (SM403)	59.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	72.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	158	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0442 continued on next page)

(results for BAFB-0442 continued)

Field No. : BAFB-0442
Laboratory No. : 22421-2
Normal Environmental Sample

Field Log No. : 1-C-1SW
Sampling Date : 02/21/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	14.0		1.0	mg/l
FLUORIDE (E340.2)	0.12		0.050	mg/l
NITRATE + NITRITE (E353.3)	1.0		0.050	mg/l
SULFATE (E375.4)	6.8		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	15.5		1.00	
Iron	0.109		0.100	
Potassium	1.50		1.00	
Magnesium	5.62		1.00	
Manganese	0.063		0.015	
Sodium	11.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(2)	1	
bromochloromethane (SS)	94		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	95		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	50		N/A	
2-fluorophenol (SS)	44		N/A	
2-fluorobiphenyl (SS)	67		N/A	
nitrobenzene-d5 (SS)	69		N/A	
phenol-d5 (SS)	53		N/A	
p-terphenyl-d14 (SS)	60		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0442)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0443
Laboratory No. : 22421-3
Normal Environmental Sample

Field Log No. : 1-C-2SW
Sampling Date : 02/21/89
Matrix : Water

Tests performed on sample: BAFB-0443 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/21/89	wet	1.0	umhos/cm
E170.1	Temperature	02/21/89	wet	1.0	degreesc
E150.1	pH	02/21/89	wet	1.0	pH
SM403	Alkalinity - Total	02/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/21/89	wet	1.0	mg/l
SM403	Bicarbonate	02/21/89	wet	1.0	mg/l
SM403	Carbonate	02/21/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/27/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	132	N/A	umhos/cm
TEMPERATURE (E170.1)	15.5	N/A	degrees c
pH (E150.1)	8.76	N/A	pH
ALKALINITY-TOTAL (SM403)	68.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	83.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	160	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0443 continued on next page)

(results for BAFB-0443 continued)

Field No. : BAFB-0443
Laboratory No. : 22421-3
Normal Environmental Sample

Field Log No. : 1-C-2SW
Sampling Date : 02/21/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	15.0		1.0	mg/l
FLUORIDE (E340.2)	0.11		0.050	mg/l
NITRATE + NITRITE (E353.3)	1.4		0.050	mg/l
SULFATE (E375.4)	6.3		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	15.7		1.00	
Iron	0.107		0.100	
Potassium	1.60		1.00	
Magnesium	5.74		1.00	
Manganese	0.057		0.015	
Sodium	11.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(3)	1	
bromochloromethane (SS)	100		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	97		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	61		N/A	
2-fluorophenol (SS)	64		N/A	
2-fluorobiphenyl (SS)	63		N/A	
nitrobenzene-d5 (SS)	60		N/A	
phenol-d5 (SS)	73		N/A	
p-terphenyl-d14 (SS)	68		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0443)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0444
Laboratory No. : 22421-4
Normal Environmental Sample

Field Log No. : 1-C-3SW
Sampling Date : 02/21/89
Matrix : Water

Tests performed on sample: BAFB-0444

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/21/89	wet	1.0	umhos/cm
E170.1	Temperature	02/21/89	wet	1.0	degreesc
E150.1	pH	02/21/89	wet	1.0	pH
SM403	Alkalinity - Total	02/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/21/89	wet	1.0	mg/l
SM403	Bicarbonate	02/21/89	wet	1.0	mg/l
SM403	Carbonate	02/21/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/27/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	135	N/A	umhos/cm
TEMPERATURE (E170.1)	14.5	N/A	degrees c
pH (E150.1)	7.54	N/A	pH
ALKALINITY-TOTAL (SM403)	63.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	77.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421)	0.0050	0.0030	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	157	3.0	mg/l
CHLORIDE (E325.3)	14.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0444 continued on next page)

(results for BAFB-0444 continued)

Field No. : BAFB-0444
Laboratory No. : 22421-4
Normal Environmental Sample

Field Log No. : 1-C-3SW
Sampling Date : 02/21/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.11		0.050	mg/l
NITRATE + NITRITE (E353.3)	1.8		0.050	mg/l
SULFATE (E375.4)	6.1		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	15.6		1.00	
Potassium	1.50		1.00	
Magnesium	5.73		1.00	
Manganese	0.051		0.015	
Sodium	11.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	4	(4)	1	
bromochloromethane (SS)	118		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	98		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	58		N/A	
2-fluorophenol (SS)	47		N/A	
2-fluorobiphenyl (SS)	63		N/A	
nitrobenzene-d5 (SS)	63		N/A	
phenol-d5 (SS)	59		N/A	
p-terphenyl-d14 (SS)	63		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0444)

BEALE AFB SITE 1: Water Data 1st Round Sampling 1989

Field No. : BAFB-0445
Laboratory No. : 22421-5
Normal Environmental Sample

Field Log No. : 1-C-4SW
Sampling Date : 02/21/89
Matrix : Water

Tests performed on sample: BAFB-0445

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/21/89	wet	1.0	umhos/cm
E170.1	Temperature	02/21/89	wet	1.0	degreesc
E150.1	pH	02/21/89	wet	1.0	pH
SM403	Alkalinity - Total	02/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/21/89	wet	1.0	mg/l
SM403	Bicarbonate	02/21/89	wet	1.0	mg/l
SM403	Carbonate	02/21/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/27/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	135	N/A	umhos/cm
TEMPERATURE (E170.1)	13.2	N/A	degrees c
pH (E150.1)	6.61	N/A	pH
ALKALINITY-TOTAL (SM403)	70.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	162	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0445 continued on next page)

(results for BAFB-0445 continued)

Field No. : BAFB-0445
Laboratory No. : 22421-5
Normal Environmental Sample

Field Log No. : 1-C-4SW
Sampling Date : 02/21/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	14.9		1.0	mg/l
FLUORIDE (E340.2)	0.12		0.050	mg/l
NITRATE + NITRITE (E353.3)	2.1		0.050	mg/l
SULFATE (E375.4)	5.8		1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	200		0.050	mg/l
TFH-GAS (TFH-GAS)	2.0		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	14.7		1.00	
Potassium	1.60		1.00	
Magnesium	5.45		1.00	
Manganese	0.049		0.015	
Sodium	10.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(3)	1	
bromochloromethane (SS)	95		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	95		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	80		N/A	
2-fluorophenol (SS)	65		N/A	
2-fluorobiphenyl (SS)	58		N/A	
nitrobenzene-d5 (SS)	93		N/A	
phenol-d5 (SS)	75		N/A	
p-terphenyl-d14 (SS)	63		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0445)

SITE 1

Water Data 2nd Round Sampling

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0560
Laboratory No. : 23372-4
Normal Environmental Sample

Field Log No. : 1-C-1GW
Sampling Date : 05/31/89
Matrix : Water

Tests performed on sample: BAFB-0560

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/31/89	wet	1.0	umhos/cm
E170.1	Temperature	05/31/89	wet	1.0	degrees c
E150.1	pH	05/31/89	wet	1.0	pH
SM403	Alkalinity - Total	05/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/31/89	wet	1.0	mg/l
SM403	Bicarbonate	05/31/89	wet	1.0	mg/l
SM403	Carbonate	05/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	181	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.43	N/A	pH
ALKALINITY-TOTAL (SM403)	69.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	322	3.0	mg/l
CHLORIDE (E325.3)	13.9	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0560 continued on next page)

(results for BAFB-0560 continued)

Field No. : BAFB-0560
Laboratory No. : 23372-4
Normal Environmental Sample

Field Log No. : 1-C-1GW
Sampling Date : 05/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	7.4	0.13	mg/l
SULFATE (E375.4)	6.6	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.8	1.00	
Magnesium	5.99	1.00	
Potassium	1.60	1.00	
Sodium	18.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromocloromethane (SS)	(Results not reported for this sample)		
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	(Results not reported for this sample)		
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	4 J	10	
Nitrobenzene-d5 (SS)	57	N/A	
2-Fluorobiphenyl (SS)	66	N/A	
p-Terphenyl-d14 (SS)	66	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0560)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0557
Laboratory No. : 23372-1
Normal Environmental Sample

Field Log No. : 1-C-2GW
Sampling Date : 05/31/89
Matrix : Water

Tests performed on sample: BAFB-0557 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/31/89	wet	1.0	umhos/cm
E170.1	Temperature	05/31/89	wet	1.0	degrees c
E150.1	pH	05/31/89	wet	1.0	pH
SM403	Alkalinity - Total	05/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/31/89	wet	1.0	mg/l
SM403	Bicarbonate	05/31/89	wet	1.0	mg/l
SM403	Carbonate	05/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	256	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.18	N/A	pH
ALKALINITY-TOTAL (SM403)	67.1	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	81.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	240	3.0	mg/l
CHLORIDE (E325.3)	32.8	1.0	mg/l
FLUORIDE (E340.2)	0.19	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0557 continued on next page)

(results for BAFB-0557 continued)

Field No. : BAFB-0557
Laboratory No. : 23372-1
Normal Environmental Sample

Field Log No. : 1-C-2GW
Sampling Date : 05/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	4.7	0.13	mg/l
SULFATE (E375.4)	7.1	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	13.4	1.00	
Magnesium	6.52	1.00	
Potassium	1.75	1.00	
Sodium	28.8	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	108	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	89	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	75	N/A	
Phenol-d5 (SS)	68	N/A	
2-Fluorophenol (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0557)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0558
Laboratory No. : 23372-2
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 05/31/89
Matrix : Water

Tests performed on sample: BAFB-0558

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/31/89	wet	1.0	umhos/cm
E170.1	Temperature	05/31/89	wet	1.0	degrees c
E150.1	pH	05/31/89	wet	1.0	pH
SM403	Alkalinity - Total	05/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/31/89	wet	1.0	mg/l
SM403	Bicarbonate	05/31/89	wet	1.0	mg/l
SM403	Carbonate	05/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	225	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.22	N/A	pH
ALKALINITY-TOTAL (SM403)	86.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	105.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	261	3.0	mg/l
CHLORIDE (E325.3)	23.4	1.0	mg/l
FLUORIDE (E340.2)	0.28	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0558 continued on next page)

(results for BAFB-0558 continued)

Field No. : BAFB-0558
Laboratory No. : 23372-2
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 05/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	6.2	0.13	mg/l
SULFATE (E375.4)	14.7	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	13.8	1.00	
Magnesium	8.00	1.00	
Potassium	1.62	1.00	
Sodium	24.9	1.00	
Zinc	0.033	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
trans-1,2,-Dichloroethene	66 (3)	1	
Trichloroethene	14 (22)	1	
Bromochloromethane (SS)	116	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	2	1	
Trifluorotoluene (SS)	86	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	3 J	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
p-Terphenyl-d14 (SS)	72	N/A	
Phenol-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0558)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0556
Laboratory No. : 23357-1
Normal Environmental Sample

Field Log No. : 1-C-4GW
Sampling Date : 05/30/89
Matrix : Water

Tests performed on sample: BAFB-0556

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/30/89	wet	1.0	umhos/cm
E170.1	Temperature	05/30/89	wet	1.0	degrees c
E150.1	pH	05/30/89	wet	1.0	pH
SM403	Alkalinity - Total	05/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/30/89	wet	1.0	mg/l
SM403	Bicarbonate	05/30/89	wet	1.0	mg/l
SM403	Carbonate	05/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	237	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.18	N/A	pH
ALKALINITY-TOTAL (SM403)	70.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	257	3.0	mg/l
CHLORIDE (E325.3)	29.3	1.0	mg/l
FLUORIDE (E340.2)	0.23	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0556 continued on next page)

(results for BAFB-0556 continued)

Field No. : BAFB-0556
Laboratory No. : 23357-1
Normal Environmental Sample

Field Log No. : 1-C-4GW
Sampling Date : 05/30/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	3.9	0.13	mg/l
SULFATE (E375.4)	13.1	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	11.7	1.00	
Magnesium	6.17	1.00	
Potassium	4.80	1.00	
Sodium	30.0	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	94	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	5 J	10	
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
p-Terphenyl-d14 (SS)	94	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0556)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0576
Laboratory No. : 23417-1
Normal Environmental Sample

Field Log No. : 1-C-5GW
Sampling Date : 06/05/89
Matrix : Water

Tests performed on sample: BAFB-0576 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/05/89	wet	1.0	umhos/cm
E170.1	Temperature	06/05/89	wet	1.0	degrees c
E150.1	pH	06/05/89	wet	1.0	pH
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/08/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	220	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.74	N/A	pH
ALKALINITY-TOTAL (SM403)	(Analysis not performed for this sample)		
ALKALINITY-PHENOLPHTHALEIN	(Analysis not performed for this sample)		
BICARBONATE (SM403)	(Analysis not performed for this sample)		
CARBONATE (SM403)	(Analysis not performed for this sample)		
TOTAL DISSOLVED SOLIDS (E160.1)	232	3.0	mg/l
CHLORIDE (E325.3)	14.7	1.0	mg/l
FLUORIDE (E340.2)	0.29	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0576 continued on next page)

(results for BAFB-0576 continued)

Field No. : BAFB-0576
Laboratory No. : 23417-1
Normal Environmental Sample

Field Log No. : 1-C-5GW
Sampling Date : 06/05/89
Matrix : Water

Description	Value		Detection Limit	Units
NITRATE + NITRITE (E353.3)	7.2		0.13	mg/l
SULFATE (E375.4)	10.3		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	14.0		1.00	
Magnesium	6.49		1.00	
Potassium	1.40		1.00	
Sodium	20.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	8		1	
Trichloroethene	4	(4)	1	
Bromochloromethane (SS)	90		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2		1	
Trifluorotoluene (SS)	90		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	5	BJ	10	
Nitrobenzene-d5 (SS)	67		N/A	
2-Fluorobiphenyl (SS)	71		N/A	
p-Terphenyl-d14 (SS)	110		N/A	
Phenol-d5 (SS)	59		N/A	
2-Fluorophenol (SS)	63		N/A	
2,4,6-Tribromophenol (SS)	120		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0576)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0559
Laboratory No. : 23372-3
Normal Environmental Sample

Field Log No. : 1-A-1GW
Sampling Date : 05/31/89
Matrix : Water

Tests performed on sample: BAFB-0559 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/31/89	wet	1.0	umhos/cm
E170.1	Temperature	05/31/89	wet	1.0	degrees c
E150.1	pH	05/31/89	wet	1.0	pH
SM403	Alkalinity - Total	05/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/31/89	wet	1.0	mg/l
SM403	Bicarbonate	05/31/89	wet	1.0	mg/l
SM403	Carbonate	05/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	220	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.39	N/A	pH
ALKALINITY-TOTAL (SM403)	81.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	99.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	233	3.0	mg/l
CHLORIDE (E325.3)	19.9	1.0	mg/l
FLUORIDE (E340.2)	0.28	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0559 continued on next page)

(results for BAFB-0559 continued)

Field No. : BAFB-0559
Laboratory No. : 23372-3
Normal Environmental Sample

Field Log No. : 1-A-1GW
Sampling Date : 05/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	5.2	0.13	mg/l
SULFATE (E375.4)	7.6	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.9	1.00	
Magnesium	5.45	1.00	
Potassium	1.40	1.00	
Sodium	27.7	1.00	
Zinc	0.0280	0.0200	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	3 (4)	1	
Bromochloromethane (SS)	126	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	86	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
p-Terphenyl-d14 (SS)	75	N/A	
Phenol-d5 (SS)	51	N/A	
2-Fluorophenol (SS)	34	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0559)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0586
Laboratory No. : 23469-1
Normal Environmental Sample

Field Log No. : 1-C-1DC
Sampling Date : 06/09/89
Matrix : Water

Tests performed on sample: BAFB-0586 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/09/89	wet	1.0	umhos/cm
E170.1	Temperature	06/09/89	wet	1.0	degrees c
E150.1	pH	06/09/89	wet	1.0	pH
SM403	Alkalinity - Total	06/09/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/09/89	wet	1.0	mg/l
SM403	Bicarbonate	06/09/89	wet	1.0	mg/l
SM403	Carbonate	06/09/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/23/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/23/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	320	N/A	umhos/cm
TEMPERATURE (E170.1)	27.0	N/A	degrees c
pH (E150.1)	7.44	N/A	pH
ALKALINITY-TOTAL (SM403)	96.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	208	3.0	mg/l
CHLORIDE (E325.3)	26.2	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0586 continued on next page)

(results for BAFB-0586 continued)

Field No. : BAFB-0586
Laboratory No. : 23469-1
Normal Environmental Sample

Field Log No. : 1-C-1DC
Sampling Date : 06/09/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	1.2	0.13	mg/l
SULFATE (E375.4)	16.5	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.163	0.100	
Calcium	27.8	1.00	
Magnesium	8.97	1.00	
Manganese	0.210	0.0150	
Potassium	2.60	1.00	
Sodium	19.7	1.00	
Zinc	0.042	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Methylene Chloride	9 (14)	5	
Trichloroethene	3 (4)	1	
Bromochloromethane (SS)	92	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 BJ	10	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	56	N/A	
Phenol-d5 (SS)	60	N/A	
2-Fluorophenol (SS)	46	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0586)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0599
Laboratory No. : 23521-1
Normal Environmental Sample

Field Log No. : 1-C-1SW
Sampling Date : 06/14/89
Matrix : Water

Tests performed on sample: BAFB-0599

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/14/89	wet	1.0	umhos/cm
E170.1	Temperature	06/14/89	wet	1.0	degrees c
E150.1	pH	06/14/89	wet	1.0	pH
SM403	Alkalinity - Total	06/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/14/89	wet	1.0	mg/l
SM403	Bicarbonate	06/14/89	wet	1.0	mg/l
SM403	Carbonate	06/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/21/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	390	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.94	N/A	pH
ALKALINITY-TOTAL (SM403)	96.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	307	3.0	mg/l
CHLORIDE (E325.3)	55.4	1.0	mg/l
FLUORIDE (E340.2)	0.23	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0599 continued on next page)

(results for BAFB-0599 continued)

Field No. : BAFB-0599
Laboratory No. : 23521-1
Normal Environmental Sample

Field Log No. : 1-C-1SW
Sampling Date : 06/14/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	1.2	0.050	mg/l
SULFATE (E375.4)	12.8	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.129	0.100	
Calcium	36.1	1.00	
Iron	0.112	0.100	
Magnesium	13.2	1.00	
Manganese	0.054	0.015	
Potassium	2.70	1.00	
Sodium	34.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	104	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	105	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	3 BJ	10	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	66	N/A	
p-Terphenyl-d14 (SS)	40	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0599)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0600
Laboratory No. : 23521-2
Normal Environmental Sample

Field Log No. : 1-C-2SW
Sampling Date : 06/14/89
Matrix : Water

Tests performed on sample: BAFB-0600

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/14/89	wet	1.0	umhos/cm
E170.1	Temperature	06/14/89	wet	1.0	degrees c
E150.1	pH	06/14/89	wet	1.0	pH
SM403	Alkalinity - Total	06/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/14/89	wet	1.0	mg/l
SM403	Bicarbonate	06/14/89	wet	1.0	mg/l
SM403	Carbonate	06/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/21/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	393	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.76	N/A	pH
ALKALINITY-TOTAL (SM403)	122.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	148.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	313	3.0	mg/l
CHLORIDE (E325.3)	52.5	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0600 continued on next page)

(results for BAFB-0600 continued)

Field No. : BAFB-0600
Laboratory No. : 23521-2
Normal Environmental Sample

Field Log No. : 1-C-2SW
Sampling Date : 06/14/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	0.95	0.050	mg/l
SULFATE (E375.4)	13.1	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.136	0.100	
Calcium	35.3	1.00	
Magnesium	13.0	1.00	
Manganese	0.034	0.015	
Potassium	3.20	1.00	
Sodium	32.5	1.00	
Zinc	0.020	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	103	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	105	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	3 BJ	10	
Nitrobenzene-d5 (SS)	58	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
p-Terphenyl-d14 (SS)	41	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0600)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0601
Laboratory No. : 23521-3
Normal Environmental Sample

Field Log No. : 1-C-3SW
Sampling Date : 06/14/89
Matrix : Water

Tests performed on sample: BAFB-0601

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/14/89	wet	1.0	umhos/cm
E170.1	Temperature	06/14/89	wet	1.0	degrees c
E150.1	pH	06/14/89	wet	1.0	pH
SM403	Alkalinity - Total	06/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/14/89	wet	1.0	mg/l
SM403	Bicarbonate	06/14/89	wet	1.0	mg/l
SM403	Carbonate	06/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/21/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	400	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.57	N/A	pH
ALKALINITY-TOTAL (SM403)	121.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	147.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	388	3.0	mg/l
CHLORIDE (E325.3)	52.9	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0601 continued on next page)

(results for BAFB-0601 continued)

Field No. : BAFB-0601
Laboratory No. : 23521-3
Normal Environmental Sample

Field Log No. : 1-C-3SW
Sampling Date : 06/14/89
Matrix : Water

Description	Value		Detection Limit	Units
NITRATE + NITRITE (E353.3)	2.1		0.050	mg/l
SULFATE (E375.4)	13.1		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Barium	0.138		0.100	
Calcium	35.1		1.00	
Iron	0.145		0.100	
Magnesium	12.6		1.00	
Manganese	0.181		0.015	
Potassium	3.10		1.00	
Sodium	32.2		1.00	
Zinc	0.022		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	94		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	109		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	3	BJ	10	
Nitrobenzene-d5 (SS)	50		N/A	
2-Fluorobiphenyl (SS)	57		N/A	
p-Terphenyl-d14 (SS)	38		N/A	
Phenol-d5 (SS)	58		N/A	
2-Fluorophenol (SS)	44		N/A	
2,4,6-Tribromophenol (SS)	59		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0601)

BEALE AFB SITE 1: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0602
Laboratory No. : 23521-4
Normal Environmental Sample

Field Log No. : 1-C-4SW
Sampling Date : 06/14/89
Matrix : Water

Tests performed on sample: BAFB-0602

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/14/89	wet	1.0	umhos/cm
E170.1	Temperature	06/14/89	wet	1.0	degrees c
E150.1	pH	06/14/89	wet	1.0	pH
SM403	Alkalinity - Total	06/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/14/89	wet	1.0	mg/l
SM403	Bicarbonate	06/14/89	wet	1.0	mg/l
SM403	Carbonate	06/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/21/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/28/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	415	N/A	umhos/cm
TEMPERATURE (E170.1)	23.0	N/A	degrees c
pH (E150.1)	7.34	N/A	pH
ALKALINITY-TOTAL (SM403)	119.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	145.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	315	3.0	mg/l
CHLORIDE (E325.3)	52.0	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0602 continued on next page)

(results for BAFB-0602 continued)

Field No. : BAFB-0602
Laboratory No. : 23521-4
Normal Environmental Sample

Field Log No. : 1-C-4SW
Sampling Date : 06/14/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	1.4	0.050	mg/l
SULFATE (E375.4)	12.6	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	0.20	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.153	0.100	
Calcium	35.0	1.00	
Iron	0.188	0.100	
Magnesium	12.6	1.00	
Manganese	0.227	0.015	
Potassium	3.50	1.00	
Sodium	32.4	1.00	
Zinc	0.025	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	100	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	49	N/A	
2-Fluorobiphenyl (SS)	54	N/A	
p-Terphenyl-d14 (SS)	60	N/A	
Phenol-d5 (SS)	29	N/A	
2-Fluorophenol (SS)	24	N/A	
2,4,6-Tribromophenol (SS)	50	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0602)

SITE 1

Water Data 3rd Round Sampling

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0645
Laboratory No. : 24331-4
Normal Environmental Sample

Field Log No. : 1-C-1GW
Sampling Date : 09/14/89
Matrix : Water

Tests performed on sample: BAFB-0645

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/14/89	wet	1.0	umhos/cm
E170.1	Temperature	09/14/89	wet	1.0	degrees c
E150.1	pH	09/14/89	wet	1.0	pH
SM403	Alkalinity - Total	09/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/14/89	wet	1.0	mg/l
SM403	Bicarbonate	09/14/89	wet	1.0	mg/l
SM403	Carbonate	09/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/30/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	170	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.58	N/A	pH
ALKALINITY-TOTAL (SM403)	105.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	128.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	247	3.0	mg/l
CHLORIDE (E325.3)	20.0	1.0	mg/l
FLUORIDE (E340.2)	0.21	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0645 continued on next page)

(results for BAFB-0645 continued)

Field No. : BAFB-0645
Laboratory No. : 24331-4
Normal Environmental Sample

Field Log No. : 1-C-1GW
Sampling Date : 09/14/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	7.5	0.13	mg/l
SULFATE (E375.4)	7.3	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	9.93	1.00	
Magnesium	5.55	1.00	
Potassium	2.20	1.00	
Sodium	16.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromocholoromethane (SS)	109	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	2	1	
Trifluorotoluene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	94	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	94	N/A	
2-Fluorophenol (SS)	92	N/A	
2,4,6-Tribromophenol (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0645)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0640
Laboratory No. : 24313-2
Normal Environmental Sample

Field Log No. : 1-C-2GW
Sampling Date : 09/13/89
Matrix : Water

Tests performed on sample: BAFB-0640

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/13/89	wet	1.0	umhos/cm
E170.1	Temperature	09/13/89	wet	1.0	degrees c
E150.1	pH	09/13/89	wet	1.0	pH
SM403	Alkalinity - Total	09/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/13/89	wet	1.0	mg/l
SM403	Bicarbonate	09/13/89	wet	1.0	mg/l
SM403	Carbonate	09/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/19/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	Resampled	wet	0.0	ug/l
SW8020	Purgeable Aromatics	Resampled	wet	0.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	238	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.37	N/A	pH
ALKALINITY-TOTAL (SM403)	72.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	88.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	266	3.0	mg/l
CHLORIDE (E325.3)	27.0	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0640 continued on next page)

(results for BAFB-0640 continued)

Field No. : BAFB-0640
Laboratory No. : 24313-2
Normal Environmental Sample

Field Log No. : 1-C-2GW
Sampling Date : 09/13/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	4.3	0.13	mg/l
SULFATE (E375.4)	7.9	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	11.8	1.00	
Magnesium	5.88	1.00	
Potassium	2.20	1.00	
Sodium	28.1	1.00	
PURGEABLE HALOCARBONS (SW8010)	(Resampled for this analysis. See BAFB-0677)		
PURGEABLE AROMATICS (SW8020)	(Resampled for this analysis. See BAFB-0677)		
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	96	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	100	N/A	
2-Fluorophenol (SS)	98	N/A	
2,4,6-Tribromophenol (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0640)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0677
Laboratory No. : 24787-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 1-C-2GW
Sampling Date : 11/02/89
Matrix : Water

Tests performed on sample: BAFB-0677 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	11/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	98	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	101	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0677)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0641
Laboratory No. : 24313-3
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 09/13/89
Matrix : Water

Tests performed on sample: BAFB-0641

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/13/89	wet	1.0	umhos/cm
E170.1	Temperature	09/13/89	wet	1.0	degrees c
E150.1	pH	09/13/89	wet	1.0	pH
SM403	Alkalinity - Total	09/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/13/89	wet	1.0	mg/l
SM403	Bicarbonate	09/13/89	wet	1.0	mg/l
SM403	Carbonate	09/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/19/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	Resampled	wet	0.0	ug/l
SW8020	Purgeable Aromatics	Resampled	wet	0.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	221	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	6.65	N/A	pH
ALKALINITY-TOTAL (SM403)	81.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	98.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	270	3.0	mg/l
CHLORIDE (E325.3)	46.0	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0641 continued on next page)

Field No. : BAFB-0641
Laboratory No. : 24313-3
Normal Environmental Sample

Field Log No. : 1-C-3GW
Sampling Date : 09/13/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	6.1	0.13	mg/l
SULFATE (E375.4)	8.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	13.8	1.00	
Magnesium	8.02	1.00	
Manganese	0.018	0.015	
Nickel	0.060	0.040	
Potassium	2.30	1.00	
Sodium	21.6	1.00	
PURGEABLE HALOCARBONS (SW8010)	(Resampled for this analysis. See BAFB-0679)		
PURGEABLE AROMATICS (SW8020)	(Resampled for this analysis. See BAFB-0679)		
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	120	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
p-Terphenyl-d14 (SS)	140	N/A	
Phenol-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	91	N/A	
2,4,6-Tribromophenol (SS)	96	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0641)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0679
Laboratory No. : 24797-2
Normal Environmental Sample--RESAMPLE

Field Log No. : 1-C-3GW
Sampling Date : 11/03/89
Matrix : Water

Tests performed on sample: BAFB-0679

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	11/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	4 (5)	1	
Bromochloromethane (SS)	97	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0679)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0643
Laboratory No. : 24331-2
Normal Environmental Sample

Field Log No. : 1-C-4GW
Sampling Date : 09/14/89
Matrix : Water

Tests performed on sample: BAFB-0643

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/14/89	wet	1.0	umhos/cm
E170.1	Temperature	09/14/89	wet	1.0	degrees c
E150.1	pH	09/14/89	wet	1.0	pH
SM403	Alkalinity - Total	09/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/14/89	wet	1.0	mg/l
SM403	Bicarbonate	09/14/89	wet	1.0	mg/l
SM403	Carbonate	09/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/30/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	220	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.41	N/A	pH
ALKALINITY-TOTAL (SM403)	73.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	90.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	232	3.0	mg/l
CHLORIDE (E325.3)	22.0	1.0	mg/l
FLUORIDE (E340.2)	0.20	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0643 continued on next page)

(results for BAFB-0643 continued)

Field No. : BAFB-0643
Laboratory No. : 24331-2
Normal Environmental Sample

Field Log No. : 1-C-4GW
Sampling Date : 09/14/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	2.4	0.13	mg/l
SULFATE (E375.4)	7.4	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.4	1.00	
Magnesium	5.28	1.00	
Potassium	2.20	1.00	
Sodium	28.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromocholoromethane (SS)	93	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	75	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	98	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0643)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0642
Laboratory No. : 24331-1
Normal Environmental Sample

Field Log No. : 1-C-5GW
Sampling Date : 09/14/89
Matrix : Water

Tests performed on sample: BAFB-0642 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/14/89	wet	1.0	umhos/cm
E170.1	Temperature	09/14/89	wet	1.0	degrees c
E150.1	pH	09/14/89	wet	1.0	pH
SM403	Alkalinity - Total	09/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/14/89	wet	1.0	mg/l
SM403	Bicarbonate	09/14/89	wet	1.0	mg/l
SM403	Carbonate	09/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	10/05/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/30/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	206	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.44	N/A	pH
ALKALINITY-TOTAL (SM403)	80.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	98.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	219	3.0	mg/l
CHLORIDE (E325.3)	43.0	1.0	mg/l
FLUORIDE (E340.2)	0.23	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0642 continued on next page)

(results for BAFB-0642 continued)

Field No. : BAFB-0642
Laboratory No. : 24331-1
Normal Environmental Sample

Field Log No. : 1-C-5GW
Sampling Date : 09/14/89
Matrix : Water

Description	Value		Detection Limit	Units
NITRATE + NITRITE (E353.3)	7.4		0.13	mg/l
SULFATE (E375.4)	8.0		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	14.4		1.00	
Magnesium	6.80		1.00	
Potassium	2.00		1.00	
Sodium	19.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	5		1	
Trichloroethene	3	(2)	1	
Bromocholoromethane (SS)	92		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	70		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	5	BJ	10	
Nitrobenzene-d5 (SS)	110		N/A	
2-Fluorobiphenyl (SS)	95		N/A	
p-Terphenyl-d14 (SS)	130		N/A	
Phenol-d5 (SS)	91		N/A	
2-Fluorophenol (SS)	87		N/A	
2,4,6-Tribromophenol (SS)	110		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0642)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0644
Laboratory No. : 24331-3
Normal Environmental Sample

Field Log No. : 1-A-1GW
Sampling Date : 09/14/89
Matrix : Water

Tests performed on sample: BAFB-0644

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/14/89	wet	1.0	umhos/cm
E170.1	Temperature	09/14/89	wet	1.0	degrees c
E150.1	pH	09/14/89	wet	1.0	pH
SM403	Alkalinity - Total	09/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/14/89	wet	1.0	mg/l
SM403	Bicarbonate	09/14/89	wet	1.0	mg/l
SM403	Carbonate	09/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/30/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	221	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.58	N/A	pH
ALKALINITY-TOTAL (SM403)	77.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	94.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	324	3.0	mg/l
CHLORIDE (E325.3)	19.0	1.0	mg/l
FLUORIDE (E340.2)	0.19	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0644 continued on next page)

(results for BAFB-0644 continued)

Field No. : BAFB-0644
Laboratory No. : 24331-3
Normal Environmental Sample

Field Log No. : 1-A-1GW
Sampling Date : 09/14/89
Matrix : Water

Description	Value		Detection Limit	Units
NITRATE + NITRITE (E353.3)	5.6		0.13	mg/l
SULFATE (E375.4)	11.0		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Aluminum	0.245		0.200	
Calcium	11.6		1.00	
Iron	0.392		0.100	
Magnesium	5.85		1.00	
Potassium	1.90		1.00	
Sodium	27.8		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(3)	1	
Bromocholoromethane (SS)	116		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3		1	
Trifluorotoluene (SS)	95		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Nitrobenzene-d5 (SS)	56		N/A	
2-Fluorobiphenyl (SS)	50		N/A	
p-Terphenyl-d14 (SS)	74		N/A	
Phenol-d5 (SS)	78		N/A	
2-Fluorophenol (SS)	77		N/A	
2,4,6-Tribromophenol (SS)	76		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0644)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0676
Laboratory No. : 24451-1
Normal Environmental Sample

Field Log No. : 1-C-1DC
Sampling Date : 09/27/89
Matrix : Water

Tests performed on sample: BAFB-0676

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/27/89	wet	1.0	umhos/cm
E170.1	Temperature	09/27/89	wet	1.0	degrees c
E150.1	pH	09/27/89	wet	1.0	pH
SM403	Alkalinity - Total	09/27/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/27/89	wet	1.0	mg/l
SM403	Bicarbonate	09/27/89	wet	1.0	mg/l
SM403	Carbonate	09/27/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	10/02/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/09/89	wet	1.0	mg/l
E375.4	Sulfate	10/11/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	10/04/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/11/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/11/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	394	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.37	N/A	pH
ALKALINITY-TOTAL (SM403)	137.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	167.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	460	3.0	mg/l
CHLORIDE (E325.3)	45.7	1.0	mg/l
FLUORIDE (E340.2)	0.23	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0676 continued on next page)

(results for BAFB-0676 continued)

Field No. : BAFB-0676
Laboratory No. : 24451-1
Normal Environmental Sample

Field Log No. : 1-C-1DC
Sampling Date : 09/27/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	0.22	0.13	mg/l
SULFATE (E375.4)	7.9	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.39	0.050	mg/l
TFH-GAS (TFH-GAS)	0.76	0.050	mg/l
ICP METALS (SW6010)			mg/l
Calcium	26.9	1.00	
Magnesium	11.4	1.00	
Manganese	0.198	0.015	
Potassium	3.10	1.00	
Sodium	43.0	1.00	
Zinc	0.031	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	2 B (2)	1	
Bromocholoromethane (SS)	92	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1	1	
Trifluorotoluene (SS)	101	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	93	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
p-Terphenyl-d14 (SS)	140	N/A	
Phenol-d5 (SS)	31	N/A	
2-Fluorophenol (SS)	26	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0676)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0667
Laboratory No. : 24406-1
Normal Environmental Sample

Field Log No. : 1-C-1SW
Sampling Date : 09/22/89
Matrix : Water

Tests performed on sample: BAFB-0667 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/22/89	wet	1.0	umhos/cm
E170.1	Temperature	09/22/89	wet	1.0	degrees c
E150.1	pH	09/22/89	wet	1.0	pH
SM403	Alkalinity - Total	09/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/22/89	wet	1.0	mg/l
SM403	Bicarbonate	09/22/89	wet	1.0	mg/l
SM403	Carbonate	09/22/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/19/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/18/89	wet	1.0	mg/l
E375.4	Sulfate	10/17/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/28/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	361	N/A	umhos/cm
TEMPERATURE (E170.1)	23.0	N/A	degrees c
pH (E150.1)	6.86	N/A	pH
ALKALINITY-TOTAL (SM403)	117.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	142.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	364	3.0	mg/l
CHLORIDE (E325.3)	50.0	1.0	mg/l
FLUORIDE (E340.2)	0.35	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0667 continued on next page)

(results for BAFB-0667 continued)

Field No. : BAFB-0667
Laboratory No. : 24406-1
Normal Environmental Sample

Field Log No. : 1-C-1SW
Sampling Date : 09/22/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4)	12.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.34	0.050	mg/l
TFH-GAS (TFH-GAS)	0.80	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.144	0.100	
Calcium	29.2	1.00	
Magnesium	12.1	1.00	
Manganese	0.741	0.015	
Potassium	4.10	1.00	
Sodium	29.4	1.00	
Zinc	0.056	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromocholoromethane (SS)	114	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	85	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	51	N/A	
2-Fluorophenol (SS)	26	N/A	
2,4,6-Tribromophenol (SS)	32	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0667)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0668
Laboratory No. : 24406-2
Normal Environmental Sample

Field Log No. : 1-C-2SW
Sampling Date : 09/22/89
Matrix : Water

Tests performed on sample: BAFB-0668

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/22/89	wet	1.0	umhos/cm
E170.1	Temperature	09/22/89	wet	1.0	degrees c
E150.1	pH	09/22/89	wet	1.0	pH
SM403	Alkalinity - Total	09/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/22/89	wet	1.0	mg/l
SM403	Bicarbonate	09/22/89	wet	1.0	mg/l
SM403	Carbonate	09/22/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/19/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/18/89	wet	1.0	mg/l
E375.4	Sulfate	10/17/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/28/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	391	N/A	umhos/cm
TEMPERATURE (E170.1)	24.0	N/A	degrees c
pH (E150.1)	6.89	N/A	pH
ALKALINITY-TOTAL (SM403)	127.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	154.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	356	3.0	mg/l
CHLORIDE (E325.3)	52.0	1.0	mg/l
FLUORIDE (E340.2)	0.36	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0668 continued on next page)

(results for BAFB-0668 continued)

Field No. : BAFB-0668
Laboratory No. : 24406-2
Normal Environmental Sample

Field Log No. : 1-C-2SW
Sampling Date : 09/22/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4)	11.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.18	0.050	mg/l
TFH-GAS (TFH-GAS)	0.44	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.146	0.100	
Calcium	29.7	1.00	
Iron	0.100	0.100	
Magnesium	12.3	1.00	
Manganese	0.490	0.015	
Potassium	3.50	1.00	
Sodium	30.2	1.00	
Zinc	0.039	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromocholoromethane (SS)	120	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	84	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	64	N/A	
2-Fluorophenol (SS)	40	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0668)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0669
Laboratory No. : 24406-3
Normal Environmental Sample

Field Log No. : 1-C-3SW
Sampling Date : 09/22/89
Matrix : Water

Tests performed on sample: BAFB-0669

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/22/89	wet	1.0	umhos/cm
E170.1	Temperature	09/22/89	wet	1.0	degrees c
E150.1	pH	09/22/89	wet	1.0	pH
SM403	Alkalinity - Total	09/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/22/89	wet	1.0	mg/l
SM403	Bicarbonate	09/22/89	wet	1.0	mg/l
SM403	Carbonate	09/22/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/19/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/18/89	wet	1.0	mg/l
E375.4	Sulfate	10/17/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	11/01/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	387	N/A	umhos/cm
TEMPERATURE (E170.1)	24.0	N/A	degrees c
pH (E150.1)	6.69	N/A	pH
ALKALINITY-TOTAL (SM403)	130.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	158.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	357	3.0	mg/l
CHLORIDE (E325.3)	52.0	1.0	mg/l
FLUORIDE (E340.2)	0.40	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0669 continued on next page)

(results for BAFB-0669 continued)

Field No. : BAFB-0669
Laboratory No. : 24406-3
Normal Environmental Sample

Field Log No. : 1-C-3SW
Sampling Date : 09/22/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4)	8.4	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.41	0.050	mg/l
TFH-GAS (TFH-GAS)	0.60	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.145	0.100	
Calcium	29.6	1.00	
Magnesium	12.3	1.00	
Manganese	0.289	0.015	
Potassium	3.60	1.00	
Sodium	30.2	1.00	
Zinc	0.059	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	1 (2)	1	
Bromochloromethane (SS)	120	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
p-Terphenyl-d14 (SS)	84	N/A	
Phenol-d5 (SS)	53	N/A	
2-Fluorophenol (SS)	32	N/A	
2,4,6-Tribromophenol (SS)	51	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0669)

BEALE AFB SITE 1: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0670
Laboratory No. : 24406-4
Normal Environmental Sample

Field Log No. : 1-C-4SW
Sampling Date : 09/22/89
Matrix : Water

Tests performed on sample: BAFB-0670

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/22/89	wet	1.0	umhos/cm
E170.1	Temperature	09/22/89	wet	1.0	degrees c
E150.1	pH	09/22/89	wet	1.0	pH
SM403	Alkalinity - Total	09/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/22/89	wet	1.0	mg/l
SM403	Bicarbonate	09/22/89	wet	1.0	mg/l
SM403	Carbonate	09/22/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/19/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/18/89	wet	1.0	mg/l
E375.4	Sulfate	10/17/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	11/01/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	385	N/A	umhos/cm
TEMPERATURE (E170.1)	24.0	N/A	degrees c
pH (E150.1)	7.13	N/A	pH
ALKALINITY-TOTAL (SM403)	129.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	157.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	359	3.0	mg/l
CHLORIDE (E325.3)	50.0	1.0	mg/l
FLUORIDE (E340.2)	0.43	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0670 continued on next page)

Field No. : BAFB-0670
Laboratory No. : 24406-4
Normal Environmental Sample

Field Log No. : 1-C-4SW
Sampling Date : 09/22/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4)	8.5	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.88	0.050	mg/l
TFH-GAS (TFH-GAS)	0.38	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.145	0.100	
Calcium	30.0	1.00	
Magnesium	12.5	1.00	
Manganese	0.261	0.015	
Potassium	4.00	1.00	
Sodium	30.1	1.00	
Zinc	0.037	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	2 (2)	1	
Bromocholoromethane (SS)	128	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	117	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	82	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	55	N/A	
2-Fluorophenol (SS)	38	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

BEALE AFB OFF BASE WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0671
Laboratory No. : 24425-1
Normal Environmental Sample

Field Log No. : OB-C-1GW
Sampling Date : 09/25/89
Matrix : Water

Tests performed on sample: BAFB-0671 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	158	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0671)

BEALE AFB OFF BASE WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0675
Laboratory No. : 24431-4
Normal Environmental Sample

Field Log No. : OB-C-2GW
Sampling Date : 09/26/89
Matrix : Water

Tests performed on sample: BAFB-0675

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	178 (95)	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0675)

SITE 1

Water Data 4th Round Sampling

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0708
Laboratory No. : 24957-4
Normal Environmental Sample

Location : 1-C-1GW
Sampling Date : 11/22/89
Matrix : Water

Tests performed on sample: BAFB-0645 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/28/89	wet	1.0	umhos/cm
E170.1	Temperature	11/28/89	wet	1.0	degrees c
E150.1	pH	11/22/89	wet	1.0	pH
SM403	Alkalinity - Total	11/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/22/89	wet	1.0	mg/l
SM403	Bicarbonate	11/22/89	wet	1.0	mg/l
SM403	Carbonate	11/22/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/27/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	209	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.00	N/A	pH
ALKALINITY-TOTAL (SM403)	70.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	252	3.0	mg/l
CHLORIDE (E325.3)	12.2	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0708 continued on next page)

(results for BAFB-0708 continued)

Field No. : BAFB-0708
Laboratory No. : 24957-4
Normal Environmental Sample

Location : 1-C-1GW
Sampling Date : 11/22/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.30	0.10	mg/l
NITRATE + NITRITE (E353.3)	4.1	0.13	mg/l
SULFATE (E375.4)	11.9	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.2	1.00	
Magnesium	5.62	1.00	
Potassium	1.68	1.00	
Sodium	18.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	128	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	85	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	5 BJ	10	
N-Nitrosodiphenylamine (1)	9 BJ	10	
Di-n-Butylphthalate	6 BJ	10	
Nitrobenzene-d5 (SS)	55	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
p-Terphenyl-d14 (SS)	83	N/A	
Phenol-d5 (SS)	22	N/A	
2-Fluorophenol (SS)	18	N/A	
2,4,6-Tribromophenol (SS)	37	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0708)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0704
Laboratory No. : 24954-2
Normal Environmental Sample

Location : 1-C-2GW
Sampling Date : 11/21/89
Matrix : Water

Tests performed on sample: BAFB-0704 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/21/89	wet	1.0	umhos/cm
E170.1	Temperature	11/21/89	wet	1.0	degrees c
E150.1	pH	11/21/89	wet	1.0	pH
SM403	Alkalinity - Total	11/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/21/89	wet	1.0	mg/l
SM403	Bicarbonate	11/21/89	wet	1.0	mg/l
SM403	Carbonate	11/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/27/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	249	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.38	N/A	pH
ALKALINITY-TOTAL (SM403)	68.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	83.2	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	262	3.0	mg/l
CHLORIDE (E325.3)	32.4	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0704 continued on next page)

(results for BAFB-0704 continued)

Field No. : BAFB-0704
Laboratory No. : 24954-2
Normal Environmental Sample

Location : 1-C-2GW
Sampling Date : 11/21/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.23	0.10	mg/l
NITRATE + NITRITE (E353.3)	1.3	0.13	mg/l
SULFATE (E375.4)	1.4	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.060	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	12.2	1.00	
Magnesium	6.17	1.00	
Potassium	2.02	1.00	
Sodium	30.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	120	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	7 BJ	10	
N-Nitrosodiphenylamine (1)	10 B	10	
Di-n-Butylphthalate	7 BJ	10	
bis(2-Ethylhexyl)Phthalate	30	10	
Nitrobenzene-d5 (SS)	54	N/A	
2-Fluorobiphenyl (SS)	59	N/A	
p-Terphenyl-d14 (SS)	78	N/A	
Phenol-d5 (SS)	45	N/A	
2-Fluorophenol (SS)	41	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0704)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0705
Laboratory No. : 24957-1
Normal Environmental Sample

Location : 1-C-3GW
Sampling Date : 11/21/89
Matrix : Water

Tests performed on sample: BAFB-0705

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/21/89	wet	1.0	umhos/cm
E170.1	Temperature	11/21/89	wet	1.0	degrees c
E150.1	pH	11/21/89	wet	1.0	pH
SM403	Alkalinity - Total	11/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/21/89	wet	1.0	mg/l
SM403	Bicarbonate	11/21/89	wet	1.0	mg/l
SM403	Carbonate	11/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/27/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.35	N/A	pH
ALKALINITY-TOTAL (SM403)	76.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	93.7	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	273	3.0	mg/l
CHLORIDE (E325.3)	16.4	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0705 continued on next page)

(results for BAFB-0705 continued)

Field No. : BAFB-0705
Laboratory No. : 24957-1
Normal Environmental Sample

Location : 1-C-3GW
Sampling Date : 11/21/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.32		0.10	mg/l
NITRATE + NITRITE (E353.3)	2.4		0.13	mg/l
SULFATE (E375.4)	7.3		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.060		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	13.1		1.00	
Magnesium	7.52		1.00	
Nickel	0.0575		0.0400	
Potassium	1.87		1.00	
Sodium	22.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	6	(7)	1	
Bromochloromethane (SS)	136		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	106		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	6	BJ	10	
N-Nitrosodiphenylamine (1)	10	B	10	
Di-n-Butylphthalate	7	BJ	10	
bis(2-Ethylhexyl)Phthalate	5	J	10	
Nitrobenzene-d5 (SS)	67		N/A	
2-Fluorobiphenyl (SS)	71		N/A	
p-Terphenyl-d14 (SS)	93		N/A	
Phenol-d5 (SS)	21		N/A	
2-Fluorophenol (SS)	17		N/A	
2,4,6-Tribromophenol (SS)	36		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0705)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0706
Laboratory No. : 24957-2
Normal Environmental Sample

Location : 1-C-4GW
Sampling Date : 11/21/89
Matrix : Water

Tests performed on sample: BAFB-0706

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/21/89	wet	1.0	umhos/cm
E170.1	Temperature	11/21/89	wet	1.0	degrees c
E150.1	pH	11/21/89	wet	1.0	pH
SM403	Alkalinity - Total	11/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/21/89	wet	1.0	mg/l
SM403	Bicarbonate	11/21/89	wet	1.0	mg/l
SM403	Carbonate	11/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/27/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	230	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.35	N/A	pH
ALKALINITY-TOTAL (SM403)	70.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.4	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	281	3.0	mg/l
CHLORIDE (E325.3)	30.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0706 continued on next page)

(results for BAFB-0706 continued)

Field No. : BAFB-0706
Laboratory No. : 24957-2
Normal Environmental Sample

Location : 1-C-4GW
Sampling Date : 11/21/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.27		0.10	mg/l
NITRATE + NITRITE (E353.3)	2.1		0.13	mg/l
SULFATE (E375.4)	6.4		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	11.3		1.00	
Magnesium	5.78		1.00	
Potassium	1.92		1.00	
Sodium	29.8		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	149		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(4)	1	
Trifluorotoluene (SS)	112		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	6	BJ	10	
N-Nitrosodiphenylamine (1)	9	BJ	10	
Di-n-Butylphthalate	8	BJ	10	
bis(2-Ethylhexyl)Phthalate	10		10	
Nitrobenzene-d5 (SS)	65		N/A	
2-Fluorobiphenyl (SS)	71		N/A	
p-Terphenyl-d14 (SS)	100		N/A	
Phenol-d5 (SS)	30		N/A	
2-Fluorophenol (SS)	25		N/A	
2,4,6-Tribromophenol (SS)	35		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0706)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0707
Laboratory No. : 24957-3
Normal Environmental Sample

Location : 1-C-5GW
Sampling Date : 11/22/89
Matrix : Water

Tests performed on sample: BAFB-0707 Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	11/22/89	1.0	umhos/cm
E170.1	Temperature	11/22/89	1.0	degrees c
E150.1	pH	11/22/89	1.0	pH
SM403	Alkalinity - Total	11/22/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/22/89	1.0	mg/l
SM403	Bicarbonate	11/22/89	1.0	mg/l
SM403	Carbonate	11/22/89	1.0	mg/l
E160.1	Total Dissolved Solids	11/28/89	1.0	mg/l
E325.3	Chloride	12/08/89	1.0	mg/l
E340.2	Fluoride	12/08/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	1.0	mg/l
E375.4	Sulfate	12/08/89	1.0	mg/l
SW7421	Lead	12/19/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	1.0	mg/l
SW6010	ICP Metals	12/07/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	1.0	ug/l
SW8270	Semi-Volatile Organics	12/15/89	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	219	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	8.90	N/A	pH
ALKALINITY-TOTAL (SM403)	78.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	95.2	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	241	3.0	mg/l
CHLORIDE (E325.3)	13.7	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0707 continued on next page)

(results for BAFB-0707 continued)

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.32		0.10	mg/l
NITRATE + NITRITE (E353.3)	2.0		0.13	mg/l
SULFATE (E375.4)	5.3		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	12.8		1.00	
Magnesium	6.17		1.00	
Potassium	1.49		1.00	
Sodium	19.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(5)	1	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	101		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	6	BJ	10	
N-Nitrosodiphenylamine (1)	7	BJ	10	
Di-n-Butylphthalate	7	BJ	10	
Nitrobenzene-d5 (SS)	73		N/A	
2-Fluorobiphenyl (SS)	75		N/A	
p-Terphenyl-d14 (SS)	94		N/A	
Phenol-d5 (SS)	32		N/A	
2-Fluorophenol (SS)	27		N/A	
2,4,6-Tribromophenol (SS)	42		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0707)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0713
Laboratory No. : 25010-2
Normal Environmental Sample

Location : 1-A-1GW
Sampling Date : 11/28/89
Matrix : Water

Tests performed on sample: BAFB-0713		Analysis	Dilu-	
Test ID	Description	Date	tion	Units
E120.1	Specific Conductivity	11/28/89	1.0	umhos/cm
E170.1	Temperature	11/28/89	1.0	degrees c
E150.1	pH	11/28/89	1.0	pH
SM403	Alkalinity - Total	11/28/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/28/89	1.0	mg/l
SM403	Bicarbonate	11/28/89	1.0	mg/l
SM403	Carbonate	11/28/89	1.0	mg/l
E160.1	Total Dissolved Solids	12/04/89	1.0	mg/l
E325.3	Chloride	12/12/89	1.0	mg/l
E340.2	Fluoride	12/12/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	1.0	mg/l
E375.4	Sulfate	12/14/89	1.0	mg/l
SW7421	Lead	12/19/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/14/89	1.0	mg/l
TFH-GAS	TFH-Gas	12/01/89	1.0	mg/l
SW6010	ICP Metals	12/07/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/12/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/12/89	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	209	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.53	N/A	pH
ALKALINITY-TOTAL (SM403)	82.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	100.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	259	3.0	mg/l
CHLORIDE (E325.3)	18.2	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0713 continued on next page)

(results for BAFB-0713 continued)

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.28		0.10	mg/l
NITRATE + NITRITE (E353.3)	5.6		0.13	mg/l
SULFATE (E375.4)	12.6		1.0	mg/l
LEAD (SW7421)	0.0089		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.10		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	11.8		1.00	
Chromium	0.0311		0.0300	
Iron	6.88		0.100	
Magnesium	6.19		1.00	
Manganese	0.142		0.0150	
Potassium	2.19		1.00	
Sodium	26.9		1.00	
Zinc	0.0291		0.0200	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	1	(1)	1	
Bromochloromethane (SS)	111		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	94		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	8	BJ	10	
N-Nitrosodiphenylamine (1)	15	B	10	
Di-n-Butylphthalate	17	B	10	
Nitrobenzene-d5 (SS)	47		N/A	
2-Fluorobiphenyl (SS)	49		N/A	
p-Terphenyl-d14 (SS)	83		N/A	
Phenol-d5 (SS)	37		N/A	
2-Fluorophenol (SS)	29		N/A	
2,4,6-Tribromophenol (SS)	42		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0713)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0736
Laboratory No. : 25151-5
Normal Environmental Sample

Location : 1-C-1DC
Sampling Date : 12/07/89
Matrix : Water

Tests performed on sample: BAFB-0736

Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/07/89	1.0	umhos/cm
E170.1	Temperature	12/07/89	1.0	degrees c
E150.1	pH	12/07/89	1.0	pH
SM403	Alkalinity - Total	12/07/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	12/07/89	1.0	mg/l
SM403	Bicarbonate	12/07/89	1.0	mg/l
SM403	Carbonate	12/07/89	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	1.0	mg/l
E325.3	Chloride	12/19/89	1.0	mg/l
E340.2	Fluoride	12/20/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/27/89	1.0	mg/l
E375.4	Sulfate	12/22/89	1.0	mg/l
SW7421	Lead	12/27/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	1.0	mg/l
SW6010	ICP Metals	12/20/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/20/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/20/89	1.0	ug/l
SW8270	Semi-Volatile Organics	01/18/90	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	295	N/A	umhos/cm
TEMPERATURE (E170.1)	11.5	N/A	degrees c
pH (E150.1)	7.79	N/A	pH
ALKALINITY-TOTAL (SM403)	114.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	139.1	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	219	3.0	mg/l
CHLORIDE (E325.3)	47.2	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0736 continued on next page)

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(results for BAFB-0736 continued)

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.40		0.10	mg/l
NITRATE + NITRITE (E353.3)	0.22		0.13	mg/l
SULFATE (E375.4)	5.2		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	2.3		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Barium	0.102		0.100	
Calcium	25.5		1.00	
Magnesium	11.2		1.00	
Manganese	0.0468		0.0150	
Potassium	2.68		1.00	
Sodium	26.4		1.00	
Zinc	0.0248		0.0200	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	1	(2)	1	
Bromochloromethane (SS)	111		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(9)	1	
Trifluorotoluene (SS)	79		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Nitrobenzene-d5 (SS)	34		N/A	
2-Fluorobiphenyl (SS)	45		N/A	
p-Terphenyl-d14 (SS)	65		N/A	
Phenol-d5 (SS)	53		N/A	
2-Fluorophenol (SS)	30		N/A	
2,4,6-Tribromophenol (SS)	46		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0736)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0732
Laboratory No. : 25151-1
Normal Environmental Sample

Location : 1-C-1SW
Sampling Date : 12/06/89
Matrix : Water

Tests performed on sample: BAFB-0732 Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/06/89	1.0	umhos/cm
E170.1	Temperature	12/06/89	1.0	degrees c
E150.1	pH	12/06/89	1.0	pH
SM403	Alkalinity - Total	12/06/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	12/06/89	1.0	mg/l
SM403	Bicarbonate	12/06/89	1.0	mg/l
SM403	Carbonate	12/06/89	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	1.0	mg/l
E325.3	Chloride	12/19/89	1.0	mg/l
E340.2	Fluoride	12/20/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/27/89	1.0	mg/l
E375.4	Sulfate	12/22/89	1.0	mg/l
SW7421	Lead	12/27/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	1.0	mg/l
SW6010	ICP Metals	12/20/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/19/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/19/89	1.0	ug/l
SW8270	Semi-Volatile Organics	01/18/90	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	240	N/A	umhos/cm
TEMPERATURE (E170.1)	7.5	N/A	degrees c
pH (E150.1)	7.61	N/A	pH
ALKALINITY-TOTAL (SM403)	100.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	123.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	206	3.0	mg/l
CHLORIDE (E325.3)	45.3	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0732 continued on next page)

(results for BAFB-0732 continued)

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.49	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.71	0.13	mg/l
SULFATE (E375.4)	8.7	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.104	0.100	
Calcium	25.9	1.00	
Iron	0.105	0.100	
Magnesium	10.8	1.00	
Manganese	0.106	0.0150	
Potassium	2.53	1.00	
Sodium	24.8	1.00	
Zinc	0.0227	0.0200	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	113	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	112	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	38	N/A	
2-Fluorobiphenyl (SS)	42	N/A	
p-Terphenyl-d14 (SS)	73	N/A	
Phenol-d5 (SS)	47	N/A	
2-Fluorophenol (SS)	33	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0732)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0733
Laboratory No. : 25151-2
Normal Environmental Sample

Location : 1-C-2SW
Sampling Date : 12/06/89
Matrix : Water

Tests performed on sample: BAFB-0733 Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/06/89	1.0	umhos/cm
E170.1	Temperature	12/06/89	1.0	degrees c
E150.1	pH	12/06/89	1.0	pH
SM403	Alkalinity - Total	12/06/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	12/06/89	1.0	mg/l
SM403	Bicarbonate	12/06/89	1.0	mg/l
SM403	Carbonate	12/06/89	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	1.0	mg/l
E325.3	Chloride	12/19/89	1.0	mg/l
E340.2	Fluoride	12/20/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/27/89	1.0	mg/l
E375.4	Sulfate	12/22/89	1.0	mg/l
SW7421	Lead	12/27/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	1.0	mg/l
SW6010	ICP Metals	12/20/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/19/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/19/89	1.0	ug/l
SW8270	Semi-Volatile Organics	01/18/90	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	9.5	N/A	degrees c
pH (E150.1)	7.73	N/A	pH
ALKALINITY-TOTAL (SM403)	101.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	123.7	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	216	3.0	mg/l
CHLORIDE (E325.3)	43.3	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0733 continued on next page)

(results for BAFB-0733 continued)

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.51	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.80	0.13	mg/l
SULFATE (E375.4)	7.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.11	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.105	0.100	
Calcium	25.5	1.00	
Iron	0.159	0.100	
Magnesium	10.7	1.00	
Manganese	0.132	0.0150	
Potassium	2.45	1.00	
Sodium	25.3	1.00	
Zinc	0.0320	0.0200	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	104	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1 (1)	1	
Trifluorotoluene (SS)	118	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Nitrobenzene-d5 (SS)	37	N/A	
2-Fluorobiphenyl (SS)	48	N/A	
p-Terphenyl-d14 (SS)	68	N/A	
Phenol-d5 (SS)	71	N/A	
2-Fluorophenol (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0733)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0734
Laboratory No. : 25151-3
Normal Environmental Sample

Location : 1-C-3SW
Sampling Date : 12/06/89
Matrix : Water

Tests performed on sample: BAFB-0734

Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/06/89	1.0	umhos/cm
E170.1	Temperature	12/06/89	1.0	degrees c
E150.1	pH	12/06/89	1.0	pH
SM403	Alkalinity - Total	12/06/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	12/06/89	1.0	mg/l
SM403	Bicarbonate	12/06/89	1.0	mg/l
SM403	Carbonate	12/06/89	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	1.0	mg/l
E325.3	Chloride	12/19/89	1.0	mg/l
E340.2	Fluoride	12/20/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/27/89	1.0	mg/l
E375.4	Sulfate	12/22/89	1.0	mg/l
SW7421	Lead	12/27/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	1.0	mg/l
SW6010	ICP Metals	12/20/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/19/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/19/89	1.0	ug/l
SW8270	Semi-Volatile Organics	01/18/90	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	261	N/A	umhos/cm
TEMPERATURE (E170.1)	11.0	N/A	degrees c
pH (E150.1)	7.71	N/A	pH
ALKALINITY-TOTAL (SM403)	107.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	131.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	191	3.0	mg/l
CHLORIDE (E325.3)	45.1	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0734 continued on next page)

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.51	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.31	0.13	mg/l
SULFATE (E375.4)	5.2	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.19	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.104	0.100	
Calcium	25.1	1.00	
Magnesium	10.9	1.00	
Manganese	0.0394	0.0150	
Potassium	2.64	1.00	
Sodium	26.4	1.00	
Zinc	0.0481	0.0200	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	3 (1)	1	
Bromochloromethane (SS)	118	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	106	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	9 J	10	
Nitrobenzene-d5 (SS)	36	N/A	
2-Fluorobiphenyl (SS)	42	N/A	
p-Terphenyl-d14 (SS)	70	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0734)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0735
Laboratory No. : 25151-4
Normal Environmental Sample

Location : 1-C-4SW
Sampling Date : 12/07/89
Matrix : Water

Tests performed on sample: BAFB-0735 Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/07/89	1.0	umhos/cm
E170.1	Temperature	12/07/89	1.0	degrees c
E150.1	pH	12/07/89	1.0	pH
SM403	Alkalinity - Total	12/07/89	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	12/07/89	1.0	mg/l
SM403	Bicarbonate	12/07/89	1.0	mg/l
SM403	Carbonate	12/07/89	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	1.0	mg/l
E325.3	Chloride	12/19/89	1.0	mg/l
E340.2	Fluoride	12/20/89	1.0	mg/l
E353.3	Nitrate + Nitrite	12/27/89	1.0	mg/l
E375.4	Sulfate	12/22/89	1.0	mg/l
SW7421	Lead	12/27/89	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	1.0	mg/l
SW6010	ICP Metals	12/20/89	1.0	mg/l
SW8010	Purgeable Halocarbons	12/19/89	1.0	ug/l
SW8020	Purgeable Aromatics	12/19/89	1.0	ug/l
SW8270	Semi-Volatile Organics	01/18/90	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	295	N/A	umhos/cm
TEMPERATURE (E170.1)	11.5	N/A	degrees c
pH (E150.1)	7.79	N/A	pH
ALKALINITY-TOTAL (SM403)	112.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	137.4	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	204	3.0	mg/l
CHLORIDE (E325.3)	47.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0735 continued on next page)

(results for BAFB-0735 continued)

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.40		0.10	mg/l
NITRATE + NITRITE (E353.3)	0.18		0.13	mg/l
SULFATE (E375.4)	5.5		1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.82		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Barium	0.102		0.100	
Calcium	25.3		1.00	
Magnesium	11.1		1.00	
Manganese	0.0472		0.0150	
Potassium	2.86		1.00	
Sodium	26.3		1.00	
Zinc	0.0285		0.0200	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	8	(2)	1	
Bromochloromethane (SS)	109		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(8)	1	
Trifluorotoluene (SS)	87		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Nitrobenzene-d5 (SS)	43		N/A	
2-Fluorobiphenyl (SS)	51		N/A	
p-Terphenyl-d14 (SS)	62		N/A	
Phenol-d5 (SS)	65		N/A	
2-Fluorophenol (SS)	53		N/A	
2,4,6-Tribromophenol (SS)	45		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0735)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0740
Laboratory No. : 25189-1
Normal Environmental Sample

Location : OB-C-1GW
Sampling Date : 12/11/89
Matrix : Water

Tests performed on sample: BAFB-0740

Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/11/89	1.0	umhos/cm
E170.1	Temperature	12/11/89	1.0	degrees c
E150.1	pH	12/11/89	1.0	pH
SW8010	Purgeable Halocarbons	12/23/89	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	219	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.36	N/A	pH
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	1 (0)	1	
Bromochloromethane (SS)	121	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0740)

BEALE AFB SITE 1: Water Data 4th Round Sampling 1989

Field No. : BAFB-0739
Laboratory No. : 25184-3
Normal Environmental Sample

Location : OB-C-2GW
Sampling Date : 12/11/89
Matrix : Water

Tests performed on sample: BAFB-0739

Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/11/89	1.0	umhos/cm
E170.1	Temperature	12/11/89	1.0	degrees c
E150.1	pH	12/11/89	1.0	pH
SW8010	Purgeable Halocarbons	12/23/89	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	2750	N/A	umhos/cm
TEMPERATURE (E170.1)	16.5	N/A	degrees c
pH (E150.1)	6.94	N/A	pH
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	119	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0739)

SITE 2

Soil Analyses

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0057
Laboratory No. : 21659-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0057

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/05/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	33.7	N/A	%
MERCURY (SW7471)	0.14	0.090	mg/kg
CYANIDE (SW9010)	235	0.15	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.5	1.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<75	75	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	34400	30.2	
Barium	123	15.1	
Cadmium	2.0	1.5	
Calcium	2170	151	
Chromium	314	4.5	
Cobalt	35.1	6.0	
Copper	41.5	4.5	
Iron	27600	15.1	
Magnesium	2560	151	
Manganese	1130	2.3	
Nickel	19.6	6.0	
Potassium	1010	302	
Silver	28.7	4.5	
Sodium	756	151	
Vanadium	89.1	6.0	
Zinc	92.9	3.0	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0057 continued on next page)

Field No. : BAFB-0057
Laboratory No. : 21659-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.98 B	0.95	
Acetone	1.7 J	2.0	
Toluene	0.48 J	0.95	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	107	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	3.3 B	1.0	
2-Fluorophenol (SS)	91	N/A	
Phenol-d5 (SS)	113	N/A	
Nitrobenzene-d5 (SS)	101	N/A	
2-Fluorobiphenyl (SS)	113	N/A	
2,4,6-Tribromophenol (SS)	112	N/A	
p-Terphenyl-d14 (SS)	126	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0057)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0058
Laboratory No. : 21659-3
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0057

Field Log No. : 2-C-1SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0058 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/05/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	28.8	N/A	%
MERCURY (SW7471)	0.098	0.084	mg/kg
CYANIDE (SW9010)	638	0.14	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<70	70	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	29100	28.1	
Barium	110	14.0	
Cadmium	2.0	1.4	
Calcium	1780	140	
Chromium	326	4.2	
Cobalt	22.5	5.6	
Copper	38.8	4.2	
Iron	25000	14.0	
Magnesium	2390	140	
Manganese	764	2.1	
Nickel	15.4	5.6	
Potassium	955	281	
Silver	51.1	4.2	
Sodium	751	140	
Vanadium	83.4	5.6	
Zinc	46.6	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0058 continued on next page)

(results for BAFB-0058 continued)

Field No. : BAFB-0058
Laboratory No. : 21659-3
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0057

Field Log No. : 2-C-1SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.69 BJ	0.88	
Acetone	1.7 J	1.8	
Toluene	0.96	0.88	
1,2-Dichloroethane-d4 (SS)	79	N/A	
Toluene-d8 (SS)	108	N/A	
1,4-Bromofluorobenzene (SS)	85	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	3.1 B	0.93	
2-Fluorophenol (SS)	86	N/A	
Phenol-d5 (SS)	111	N/A	
Nitrobenzene-d5 (SS)	97	N/A	
2-Fluorobiphenyl (SS)	104	N/A	
2,4,6-Tribromophenol (SS)	103	N/A	
p-Terphenyl-d14 (SS)	114	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0058)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0059
Laboratory No. : 21659-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0059

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/05/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	30.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.086	0.086	mg/kg
CYANIDE (SW9010)	165	0.14	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<72	72	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17900	28.6	
Barium	136	14.3	
Cadmium	2.7	1.4	
Calcium	2190	143	
Chromium	250	4.3	
Cobalt	6.4	5.7	
Copper	42.2	4.3	
Iron	22200	14.3	
Magnesium	2580	143	
Manganese	130	2.1	
Nickel	13.2	5.7	
Potassium	1670	286	
Silver	46.9	4.3	
Sodium	898	143	
Vanadium	72.4	5.7	
Zinc	46.9	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0059 continued on next page)

(results for BAFB-0059 continued)

Field No. : BAFB-0059
Laboratory No. : 21659-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.69 BJ	0.90	
1,2-Dichloroethane-d4 (SS)	73	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.7 B	0.94	
2-Fluorophenol (SS)	78	N/A	
Phenol-d5 (SS)	101	N/A	
Nitrobenzene-d5 (SS)	89	N/A	
2-Fluorobiphenyl (SS)	98	N/A	
2,4,6-Tribromophenol (SS)	96	N/A	
p-Terphenyl-d14 (SS)	119	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0059)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0060
Laboratory No. : 21659-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0060

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	30.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.087	0.087	mg/kg
CYANIDE (SW9010)	313	0.14	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<72	72	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	26800	28.9	
Barium	136	14.4	
Calcium	2810	144	
Chromium	124	4.3	
Cobalt	43.0	5.8	
Copper	39.2	4.3	
Iron	29600	14.4	
Magnesium	3480	144	
Manganese	1760	2.2	
Nickel	21.6	5.8	
Potassium	909	289	
Silver	53.0	4.3	
Sodium	720	144	
Vanadium	94.7	5.8	
Zinc	56.4	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0060 continued on next page)

(results for BAFB-0060 continued)

Field No. : BAFB-0060
Laboratory No. : 21659-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.0 B	0.91	
Toluene	1.1	0.91	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.48	
2-Fluorophenol (SS)	61	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0060)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0061
Laboratory No. : 21659-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0061		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/05/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
CYANIDE (SW9010)	153	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15400	25.3	
Barium	171	12.6	
Calcium	1520	126	
Chromium	43.7	3.8	
Cobalt	30.6	5.1	
Copper	33.9	3.8	
Iron	26000	12.6	
Magnesium	2520	126	
Manganese	599	1.9	
Nickel	16.4	5.1	
Potassium	973	253	
Silver	53.5	3.8	
Sodium	626	126	
Vanadium	90.8	5.1	
Zinc	37.5 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0061 continued on next page)

(results for BAFB-0061 continued)

Field No. : BAFB-0061
Laboratory No. : 21659-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.97 B	0.80	
Acetone	4.9	1.6	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	74	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.5 B	0.83	
2-Fluorophenol (SS)	78	N/A	
Phenol-d5 (SS)	103	N/A	
Nitrobenzene-d5 (SS)	89	N/A	
2-Fluorobiphenyl (SS)	102	N/A	
2,4,6-Tribromophenol (SS)	106	N/A	
p-Terphenyl-d14 (SS)	134	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0061)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0062
Laboratory No. : 21659-7
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0062

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
CYANIDE (SW9010)	47.8	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15500	25.4	
Barium	137	12.7	
Calcium	1500	127	
Chromium	74.0	3.8	
Cobalt	35.6	5.1	
Copper	35.2	3.8	
Iron	25300	12.7	
Magnesium	2480	127	
Manganese	962	1.9	
Nickel	16.5	5.1	
Potassium	966	254	
Silver	52.1	3.8	
Sodium	680	127	
Vanadium	91.1	5.1	
Zinc	39.3 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0062 continued on next page)

(results for BAFB-0062 continued)

Field No. : BAFB-0062
Laboratory No. : 21659-7
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.94 B	0.80	
Acetone	0.97 J	1.7	
1,2-Dichloroethane-d4 (SS)	90	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	77	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.42	
2-Fluorophenol (SS)	68	N/A	
Phenol-d5 (SS)	87	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	81	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0062)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0063
Laboratory No. : 21659-8
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0063

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	1.0	mg/kg
SW8280	Dioxins, Furans (PCDFs)	01/06/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
CYANIDE (SW9010)	18.6	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	32800	24.3	
Barium	119	12.1	
Calcium	1600	121	
Chromium	183	3.6	
Cobalt	12.1	4.9	
Copper	40.7	3.6	
Iron	22800	12.1	
Magnesium	2350	121	
Manganese	266	1.8	
Nickel	11.7	4.9	
Potassium	1210	243	
Silver	47.2	3.6	
Sodium	551	121	
Vanadium	79.0	4.9	
Zinc	53.5 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0063 continued on next page)

(results for BAFB-0063 continued)

Field No. : BAFB-0063 Field Log No. : 2-C-6SS
Laboratory No. : 21659-8 Sampling Date : 11/22/88
Sample Depth : 0.00 - 1.00 ft. BGS Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.0 B	0.76	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	78	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.40	
2-Fluorophenol (SS)	68	N/A	
Phenol-d5 (SS)	88	N/A	
Nitrobenzene-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	81	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	86	N/A	
DIOXINS, FURANS (PCDFS)* (SW8280)			mg/kg
Tetra Furans (total)	0.0013	0.0000065	
Penta Furans (total)	0.0119	0.00020	
Hexa Furans (total)	0.038	0.0000045	
Hepta Furans (total)	0.194	0.0000079	
Octa Furans (total)	0.376	0.000017	
Tetra Dioxins (total)	0.0017	0.0000076	
Penta Dioxins (total)	0.019	0.000014	
Hexa Dioxins (total)	0.076	0.0000078	
Hepta Dioxins (total)	0.583	0.0000060	
Octa Dioxins (total)	1.068	0.000024	
13C-2,3,7,8-TCDF (SS)	51		
13C-2,3,7,8-TCDD (SS)	56		
13C-1,2,3,7,8-PeCDD (SS)	35		
13C-1,2,3,6,7,8-HxCDD (SS)	32		
13C-1,2,3,4,6,7,8-HpCDD (SS)	14		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

* Normally when positive detections occur, detection limits are not reported. Enseco labs suggested using the detection limits in the associated method blank which are the detection limits reported here. Detection limits are based on several criteria described in methods 8280 from SW846 and EPA8290.

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0063)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0064
Laboratory No. : 21658-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0064

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/05/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
CYANIDE (SW9010)	48.7	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11200	23.3	
Barium	77.9	11.6	
Calcium	2210	116	
Chromium	48.1	3.5	
Cobalt	15.1	4.7	
Copper	43.4	3.5	
Iron	37300	11.6	
Lead	151	23.3	
Magnesium	2150	116	
Manganese	472	1.7	
Nickel	16.3	4.7	
Potassium	581	233	
Silver	11.6	3.5	
Sodium	336	116	
Thallium	33.6 J	58.1	
Vanadium	57.6	4.7	
Zinc	131	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0064 continued on next page)

(results for BAFB-0064 continued)

Field No. : BAFB-0064
Laboratory No. : 21658-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 BJ	0.006	
Toluene	0.015	0.006	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.77	
2-Fluorophenol (SS)	76	N/A	
Phenol-d5 (SS)	102	N/A	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorobiphenyl (SS)	97	N/A	
2,4,6-Tribromophenol (SS)	91	N/A	
p-Terphenyl-d14 (SS)	111	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0064)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0065
Laboratory No. : 21658-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-8SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0065

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/05/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010)	25.4	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13500	24.8	
Barium	96.3	12.4	
Calcium	4230	124	
Chromium	33.3	3.7	
Cobalt	21.1	5.0	
Copper	39.1	3.7	
Iron	24400	12.4	
Magnesium	3100	124	
Manganese	739	1.9	
Nickel	18.6	5.0	
Potassium	546	248	
Sodium	320	124	
Vanadium	73.8	5.0	
Zinc	43.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0065 continued on next page)

(results for BAFB-0065 continued)

Field No. : BAFB-0065
Laboratory No. : 21658-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-8SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.031	
Toluene	0.31	0.031	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.82	
2-Fluorophenol (SS)	77	N/A	
Phenol-d5 (SS)	99	N/A	
Nitrobenzene-d5 (SS)	89	N/A	
2-Fluorobiphenyl (SS)	113	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	132	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0065)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0066
Laboratory No. : 21658-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-9SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0066

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
CYANIDE (SW9010)	11.6	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7830	24.4	
Barium	65.9	12.2	
Cadmium	1.6	1.2	
Calcium	2700	122	
Chromium	24.8	3.7	
Cobalt	17.1	4.9	
Copper	25.9	3.7	
Iron	17600	12.2	
Magnesium	2640	122	
Manganese	571	1.8	
Nickel	14.7	4.9	
Potassium	440	244	
Silver	4.8	3.7	
Sodium	204	122	
Vanadium	52.7	4.9	
Zinc	53.4	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0066 continued on next page)

(results for BAFB-0066 continued)

Field No. : BAFB-0066
Laboratory No. : 21658-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-9SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.012 B	0.006	
Toluene	0.032	0.006	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.81	
2-Fluorophenol (SS)	57	N/A	
Phenol-d5 (SS)	72	N/A	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	82	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0066)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0067
Laboratory No. : 21658-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-10SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0067

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
CYANIDE (SW9010)	7.9	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9190	24.2	
Barium	125	12.1	
Calcium	2760	121	
Chromium	38.2	3.6	
Cobalt	27.4	4.8	
Copper	27.1	3.6	
Iron	19200	12.1	
Magnesium	2560	121	
Manganese	1150	1.8	
Nickel	21.8	4.8	
Potassium	496	242	
Silver	8.5	3.6	
Sodium	317	121	
Vanadium	58.6	4.8	
Zinc	57.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0067 continued on next page)

(results for BAFB-0067 continued)

Field No. : BAFB-0067
Laboratory No. : 21658-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-10SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 BJ	0.006	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.80	
2-Fluorophenol (SS)	56	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0067)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0068
Laboratory No. : 21658-2
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0067

Field Log No. : 2-C-10SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0068 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/22/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/05/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
CYANIDE (SW9010)	8.0	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9260	24.3	
Barium	94.2	12.2	
Calcium	2750	122	
Chromium	34.4	3.6	
Cobalt	15.8	4.9	
Copper	26.3	3.6	
Iron	19600	12.2	
Magnesium	2470	122	
Manganese	727	1.8	
Nickel	15.8	4.9	
Potassium	547	243	
Silver	5.0	3.6	
Sodium	327	122	
Vanadium	57.7	4.9	
Zinc	59.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0068 continued on next page)

(results for BAFB-0068 continued)

Field No. : BAFB-0068
Laboratory No. : 21658-2
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0067

Field Log No. : 2-C-10SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.80	
bis(2-Ethylhexyl)Phthalate	0.83	0.80	
2-Fluorophenol (SS)	55	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	54	N/A	
p-Terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0068)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0069
Laboratory No. : 21657-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-11SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0069

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/19/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
CYANIDE (SW9010)	2.6	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6560	23.9	
Barium	56.9	12.0	
Calcium	2130	120	
Chromium	25.8	3.6	
Cobalt	12.0	4.8	
Copper	19.1	3.6	
Iron	14000	12.0	
Magnesium	2210	120	
Manganese	725	1.8	
Nickel	14.4	4.8	
Potassium	335	239	
Sodium	159	120	
Vanadium	40.6	4.8	
Zinc	33.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0069 continued on next page)

(results for BAFB-0069 continued)

Field No. : BAFB-0069
Laboratory No. : 21657-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-11SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0349)		
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.5 B	0.79	
2-Fluorophenol (SS)	62	N/A	
Phenol-d5 (SS)	78	N/A	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorobiphenyl (SS)	95	N/A	
2,4,6-Tribromophenol (SS)	62	N/A	
p-Terphenyl-d14 (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0069)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0349
Laboratory No. : 21923-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-11SS
Sampling Date : 12/21/88
Matrix : Soil

Tests performed on sample: BAFB-0349		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8240	Volatile Organics	01/09/89	wet	125.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.28 J	0.63	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0349)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0070
Laboratory No. : 21657-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-12SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0070 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/05/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	8.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.066	0.066	mg/kg
CYANIDE (SW9010)	10.4	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<55	55	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11500	21.9	
Barium	96.3	10.9	
Calcium	3140	109	
Chromium	34.3	3.3	
Cobalt	20.8	4.4	
Copper	30.4	3.3	
Iron	23000	10.9	
Magnesium	3090	109	
Manganese	793	1.6	
Nickel	17.5	4.4	
Potassium	929	219	
Silver	8.2	3.3	
Sodium	258	109	
Vanadium	70.1	4.4	
Zinc	40.2	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0070 continued on next page)

(results for BAFB-0070 continued)

Field No. : BAFB-0070
Laboratory No. : 21657-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-12SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0350)		
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.36	
2-Fluorophenol (SS)	57	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	91	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0070)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0350
Laboratory No. : 21923-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-12SS
Sampling Date : 12/21/88
Matrix : Soil

Tests performed on sample: BAFB-0350		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8240	Volatile Organics	01/09/89	wet	125.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.55 J	0.63	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0350)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0071
Laboratory No. : 21657-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-13SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0071

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/19/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
CYANIDE (SW9010)	11.3	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11600	23.0	
Barium	98.7	11.5	
Calcium	2780	115	
Chromium	35.0	3.5	
Cobalt	25.8	4.6	
Copper	28.5	3.5	
Iron	22400	11.5	
Magnesium	1860	115	
Manganese	1010	1.7	
Nickel	15.0	4.6	
Potassium	575	230	
Sodium	177	115	
Vanadium	73.9	4.6	
Zinc	32.9	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0071 continued on next page)

(results for BAFB-0071 continued)

Field No. : BAFB-0071
Laboratory No. : 21657-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-13SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0351)		
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.38	
2-Fluorophenol (SS)	47	N/A	
Phenol-d5 (SS)	63	N/A	
Nitrobenzene-d5 (SS)	68	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	
p-Terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0071)

Field No. : BAFB-0351
Laboratory No. : 21923-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-13SS
Sampling Date : 12/21/88
Matrix : Soil

Tests performed on sample: BAFB-0351 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/09/89	wet	125.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.36 J	0.63	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0351)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0072
Laboratory No. : 21657-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-14SS
Sampling Date : 11/22/88
Matrix : Soil

Tests performed on sample: BAFB-0072

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9010	Cyanide	12/01/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/19/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/30/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
CYANIDE (SW9010)	9.7	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	23.4	
Barium	127	11.7	
Calcium	3330	117	
Chromium	34.6	3.5	
Cobalt	22.3	4.7	
Copper	30.0	3.5	
Iron	25200	11.7	
Magnesium	3280	117	
Manganese	882	1.8	
Nickel	16.4	4.7	
Potassium	469	234	
Sodium	134	117	
Vanadium	79.0	4.7	
Zinc	38.5	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0072 continued on next page)

(results for BAFB-0072 continued)

Field No. : BAFB-0072
Laboratory No. : 21657-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-14SS
Sampling Date : 11/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0352)		
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.39	
Di-n-octylphthalate	0.28 J	0.39	
2-Fluorophenol (SS)	54	N/A	
Phenol-d5 (SS)	71	N/A	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	83	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0072)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0352
Laboratory No. : 21923-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-14SS
Sampling Date : 12/21/88
Matrix : Soil

Tests performed on sample: BAFB-0352

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/09/89	wet	125.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.34 J	0.63	
1,2-Dichloroethane-d4 (SS)	80	N/A	
Toluene-d8 (SS)	91	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0352)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0096
Laboratory No. : 21739-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0096

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.4	2.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12200	24.4	
Barium	58.3	12.2	
Calcium	3920	122	
Chromium	34.6	3.7	
Cobalt	13.4	4.9	
Copper	48.3	3.7	
Iron	29600	12.2	
Magnesium	5950	122	
Manganese	292	1.8	
Nickel	19.6	4.9	
Potassium	1340	244	
Sodium	290	122	
Thallium	63.1	61.1	
Vanadium	91.0	4.9	
Zinc	57.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0096 continued on next page)

(results for BAFB-0096 continued)

Field No. : BAFB-0096
Laboratory No. : 21739-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.022 B	0.006	
Toluene	0.10	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.15 BJ	0.40	
2-Fluorophenol (SS)	75	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0096)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0097
Laboratory No. : 21739-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0096

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0097		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.5	2.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12500	24.8	
Barium	170	12.4	
Calcium	4330	124	
Chromium	40.2	3.7	
Cobalt	26.2	5.0	
Copper	67.5	3.7	
Iron	46300	12.4	
Magnesium	7360	124	
Manganese	1340	1.9	
Nickel	27.0	5.0	
Potassium	385	248	
Sodium	326	124	
Thallium	67.7	62.0	
Vanadium	159	5.0	
Zinc	72.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0097 continued on next page)

(results for BAFB-0097 continued)

Field No. : BAFB-0097
Laboratory No. : 21739-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0096

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.024 B	0.006	
Toluene	0.046	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodiphenylamine (1)	0.047 J	0.41	
Di-n-Butylphthalate	0.088 BJ	0.41	
2-Fluorophenol (SS)	80	N/A	
Phenol-d5 (SS)	87	N/A	
Nitrobenzene-d5 (SS)	54	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	84	N/A	
p-Terphenyl-d14 (SS)	54	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0097)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0098
Laboratory No. : 21739-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0098

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
CYANIDE (SW9010)	2.0	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.5	2.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15100	25.2	
Barium	158	12.6	
Calcium	5550	126	
Chromium	49.1	3.8	
Cobalt	20.2	5.0	
Copper	49.2	3.8	
Iron	27100	12.6	
Magnesium	7180	126	
Manganese	836	1.9	
Nickel	28.9	5.0	
Potassium	832	252	
Sodium	299	126	
Vanadium	60.3	5.0	
Zinc	61.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0098 continued on next page)

(results for BAFB-0098 continued)

Field No. : BAFB-0098
Laboratory No. : 21739-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.030 B	0.006	
Toluene	0.11	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.20 BJ	0.42	
2-Fluorophenol (SS)	68	N/A	
Phenol-d5 (SS)	67	N/A	
Nitrobenzene-d5 (SS)	56	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0098)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0099
Laboratory No. : 21739-7
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0099 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.080	0.080	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.7	2.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23000	6.7	
Barium	115	13.4	
Calcium	5780	134	
Chromium	31.5	4.0	
Cobalt	17.4	5.3	
Copper	59.3	4.0	
Iron	39300	13.4	
Magnesium	5340	134	
Manganese	845	2.0	
Nickel	30.7	5.3	
Potassium	1110	267	
Sodium	563	134	
Thallium	131	66.8	
Vanadium	89.5	5.3	
Zinc	80.1	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0099 continued on next page)

(results for BAFB-0099 continued)

Field No. : BAFB-0099
Laboratory No. : 21739-7
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.033 B	0.007	
Toluene	0.16	0.007	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.19 BJ	0.44	
2-Fluorophenol (SS)	65	N/A	
Phenol-d5 (SS)	65	N/A	
Nitrobenzene-d5 (SS)	47	N/A	
2-Fluorobiphenyl (SS)	53	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	
p-Terphenyl-d14 (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0099)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0100
Laboratory No. : 21739-8
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0100 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.4	2.4	mg/kg
TFH-GAS (TFH-GAS)	240	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16100	24.4	
Barium	43.3	12.2	
Calcium	4900	122	
Chromium	34.2	3.7	
Cobalt	15.9	4.9	
Copper	56.7	3.7	
Iron	37900	12.2	
Magnesium	6670	122	
Manganese	413	1.8	
Nickel	20.8	4.9	
Potassium	648	244	
Sodium	210	122	
Thallium	75.9	61.1	
Vanadium	101	4.9	
Zinc	66.4	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0100 continued on next page)

(results for BAFB-0100 continued)

Field No. : BAFB-0100
Laboratory No. : 21739-8
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.033 B	0.006	
Toluene	0.13	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.087 BJ	0.40	
2-Fluorophenol (SS)	67	N/A	
Phenol-d5 (SS)	71	N/A	
Nitrobenzene-d5 (SS)	51	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	50	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0100)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0101
Laboratory No. : 21739-9
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0101

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	31.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.087	0.087	mg/kg
CYANIDE (SW9010) (non-detect)	<0.15	0.15	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.9	2.9	mg/kg
TFH-GAS (TFH-GAS)	170	73	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21800	29.1	
Barium	147	14.6	
Calcium	4960	146	
Chromium	29.8	4.4	
Cobalt	14.6	5.8	
Copper	52.0	4.4	
Iron	30000	14.6	
Magnesium	5970	146	
Manganese	820	2.2	
Nickel	34.1	5.8	
Potassium	975	291	
Sodium	450	146	
Thallium	95.3	72.8	
Vanadium	59.0	5.8	
Zinc	74.8	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0101 continued on next page)

(results for BAFB-0101 continued)

Field No. : BAFB-0101
Laboratory No. : 21739-9
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-1SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.052 B	0.007	
Toluene	0.10	0.007	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.31 BJ	0.48	
2-Fluorophenol (SS)	68	N/A	
Phenol-d5 (SS)	70	N/A	
Nitrobenzene-d5 (SS)	50	N/A	
2-Fluorobiphenyl (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	
p-Terphenyl-d14 (SS)	48	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0101)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0102
Laboratory No. : 21740-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0102		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010)	4.5	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.2	6.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17200	24.8	
Barium	125	12.4	
Calcium	4520	124	
Chromium	43.3	3.7	
Cobalt	25.7	5.0	
Copper	58.8	3.7	
Iron	35500	12.4	
Magnesium	6930	124	
Manganese	975	1.9	
Nickel	28.1	5.0	
Potassium	322	248	
Sodium	250	124	
Vanadium	90.2	5.0	
Zinc	64.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0102 continued on next page)

(results for BAFB-0102 continued)

Field No. : BAFB-0102
Laboratory No. : 21740-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026 B	0.006	
Acetone	0.10	0.006	
Toluene	0.007	0.006	
1,2-Dichloroethane-d4 (SS)	80	N/A	
Toluene-d8 (SS)	88	N/A	
1,4-Bromofluorobenzene (SS)	77	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.12 BJ	0.41	
2-Fluorophenol (SS)	58	N/A	
Phenol-d5 (SS)	56	N/A	
Nitrobenzene-d5 (SS)	52	N/A	
2-Fluorobiphenyl (SS)	51	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	50	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0102)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0103
Laboratory No. : 21740-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0103

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/15/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.2	6.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13900	24.6	
Barium	89.1	12.3	
Calcium	3060	123	
Chromium	26.8	3.7	
Cobalt	11.7	4.9	
Copper	31.7	3.7	
Iron	27100	12.3	
Magnesium	4020	123	
Manganese	309	1.8	
Nickel	22.1	4.9	
Potassium	603	246	
Sodium	226	123	
Thallium	82.4	61.5	
Vanadium	59.4	4.9	
Zinc	49.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0103 continued on next page)

(results for BAFB-0103 continued)

Field No. : BAFB-0103
Laboratory No. : 21740-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.049 B	0.006	
Acetone	0.16	0.006	
Toluene	0.024	0.006	
1,2-Dichloroethane-d4 (SS)	71	N/A	
Toluene-d8 (SS)	85	N/A	
1,4-Bromofluorobenzene (SS)	79	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.26 BJ	0.41	
2-Fluorophenol (SS)	84	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	91	N/A	
p-Terphenyl-d14 (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0103)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0104
Laboratory No. : 21740-4
Sample Depth : 21.50 - 23.00 ft. BGS
Field Replicate for BAFB-0103

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0104		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/17/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.2	6.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14300	24.8	
Barium	147	12.4	
Calcium	3430	124	
Chromium	26.3	3.7	
Cobalt	13.6	5.0	
Copper	37.3	3.7	
Iron	26900	12.4	
Magnesium	4210	124	
Manganese	855	1.9	
Nickel	25.4	5.0	
Potassium	719	248	
Sodium	245	124	
Thallium	87.6	62.0	
Vanadium	58.1	5.0	
Zinc	54.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0104 continued on next page)

(results for BAFB-0104 continued)

Field No. : BAFB-0104
Laboratory No. : 21740-4
Sample Depth : 21.50 - 23.00 ft. BGS
Field Replicate for BAFB-0103

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032 B	0.006	
Acetone	0.19	0.006	
Toluene	0.027	0.006	
1,2-Dichloroethane-d4 (SS)	73	N/A	
Toluene-d8 (SS)	83	N/A	
1,4-Bromofluorobenzene (SS)	82	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.12 BJ	0.41	
2-Fluorophenol (SS)	75	N/A	
Phenol-d5 (SS)	68	N/A	
Nitrobenzene-d5 (SS)	57	N/A	
2-Fluorobiphenyl (SS)	59	N/A	
2,4,6-Tribromophenol (SS)	92	N/A	
p-Terphenyl-d14 (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0104)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0105
Laboratory No. : 21740-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0105

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/17/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.3	6.3	mg/kg
TFH-GAS (TFH-GAS)	63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	35200	25.1	
Barium	202	12.6	
Calcium	5250	126	
Chromium	47.1	3.8	
Cobalt	20.1	5.0	
Copper	61.8	3.8	
Iron	42100	12.6	
Lead	29.4	25.1	
Magnesium	8890	126	
Manganese	510	1.9	
Nickel	51.3	5.0	
Potassium	1760	251	
Sodium	288	126	
Thallium	110	62.8	
Vanadium	84.2	5.0	
Zinc	90.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0105 continued on next page)

(results for BAFB-0105 continued)

Field No. : BAFB-0105
Laboratory No. : 21740-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.045 B	0.007	
Acetone	0.064	0.007	
Toluene	0.082	0.007	
1,2-Dichloroethane-d4 (SS)	72	N/A	
Toluene-d8 (SS)	85	N/A	
1,4-Bromofluorobenzene (SS)	83	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.41 B	0.41	
2-Fluorophenol (SS)	74	N/A	
Phenol-d5 (SS)	72	N/A	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0105)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0109
Laboratory No. : 21757-2
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0109 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.1	5.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12400	25.3	
Barium	107	12.6	
Calcium	3430	126	
Chromium	31.1	3.8	
Cobalt	15.2	5.1	
Copper	41.0	3.8	
Iron	25800	12.6	
Magnesium	5130	126	
Manganese	598	1.9	
Nickel	22.7	5.1	
Potassium	1090	253	
Sodium	188	126	
Vanadium	60.5	5.1	
Zinc	59.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0109 continued on next page)

(results for BAFB-0109 continued)

Field No. : BAFB-0109
Laboratory No. : 21757-2
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026	0.005	
Toluene	0.003 J	0.005	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.25 J	0.42	
bis(2-Ethylhexyl)Phthalate	0.077 J	0.42	
2-Fluorophenol (SS)	83	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0109)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0110
Laboratory No. : 21757-3
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0110

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.9	4.9	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15900	24.7	
Barium	167	12.3	
Calcium	5250	123	
Chromium	38.9	3.7	
Cobalt	18.5	4.9	
Copper	49.3	3.7	
Iron	27700	12.3	
Magnesium	7520	123	
Manganese	979	1.9	
Nickel	33.7	4.9	
Potassium	1730	247	
Sodium	193	123	
Vanadium	47.4	4.9	
Zinc	86.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0110 continued on next page)

(results for BAFB-0110 continued)

Field No. : BAFB-0110
Laboratory No. : 21757-3
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026	0.005	
Toluene	0.042	0.005	
Toluene-d8 (SS)	84	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.48	0.41	
bis(2-Ethylhexyl)Phthalate	0.079 J	0.41	
2-Fluorophenol (SS)	85	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0110)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0114
Laboratory No. : 21774-6
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0114

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.6	4.6	mg/kg
TFH-GAS (TFH-GAS)	(Analysis not performed for this sample)		
ICP METALS (SW6010)			mg/kg
Aluminum	6630	23.1	
Barium	39.5	11.5	
Calcium	2550	115	
Chromium	21.9 B	3.5	
Cobalt	8.9	4.6	
Copper	24.0	3.5	
Iron	15000 B	11.5	
Magnesium	2680	115	
Manganese	196	1.7	
Nickel	11.0	4.6	
Sodium	264	115	
Vanadium	57.2	4.6	
Zinc	30.0 B	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0114 continued on next page)

(results for BAFB-0114 continued)

Field No. : BAFB-0114
Laboratory No. : 21774-6
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013	0.006	
Acetone	0.20	0.012	
2-Butanone	0.006 J	0.012	
Toluene	0.014	0.006	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	89	N/A	
2-Fluorophenol (SS)	84	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
Phenol-d5 (SS)	100	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0114)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0115
Laboratory No. : 21774-7
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0115

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
CYANIDE (SW9010)	0.16	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.8	4.8	mg/kg
TFH-GAS (TFH-GAS)	(Analysis not performed for this sample)		
ICP METALS (SW6010)			mg/kg
Aluminum	9010	24.2	
Barium	59.9	12.1	
Calcium	3390	121	
Chromium	26.1 B	3.6	
Cobalt	19.3	4.8	
Copper	36.6	3.6	
Iron	15900 B	12.1	
Magnesium	3190	121	
Manganese	553	1.8	
Nickel	14.5	4.8	
Sodium	298	121	
Vanadium	52.4	4.8	
Zinc	39.5 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0115 continued on next page)

(results for BAFB-0115 continued)

Field No. : BAFB-0115
Laboratory No. : 21774-7
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.012	0.006	
Acetone	6.6	0.012	
2-Butanone	0.005 J	0.012	
Toluene	0.002 J	0.006	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	100	N/A	
2-Fluorophenol (SS)	91	N/A	
p-Terphenyl-d14 (SS)	91	N/A	
Phenol-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	82	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0115)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0116
Laboratory No. : 21774-8
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0115

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0116

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/19/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.8	4.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8420	24.0	
Barium	62.8	12.0	
Calcium	2690	120	
Chromium	38.3 B	3.6	
Cobalt	26.8	4.8	
Copper	43.5	3.6	
Iron	25200 B	12.0	
Magnesium	3310	120	
Manganese	569	1.8	
Nickel	21.6	4.8	
Sodium	297	120	
Vanadium	85.2	4.8	
Zinc	39.3 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0116 continued on next page)

(results for BAFB-0116 continued)

Field No. : BAFB-0116
Laboratory No. : 21774-8
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0115

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.016	0.006	
Acetone	4.1	0.012	
2-Butanone	0.006 J	0.012	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	100	N/A	
2-Fluorophenol (SS)	89	N/A	
p-Terphenyl-d14 (SS)	83	N/A	
Phenol-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0116)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0117
Laboratory No. : 21775-2
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0117

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	28.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.084	0.084	mg/kg
CYANIDE (SW9010) (non-detect)	<0.14	0.14	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.6	5.6	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<70	70	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21600	28.1	
Barium	153	14.0	
Calcium	3650	140	
Chromium	53.5 B	4.2	
Cobalt	12.2	5.6	
Copper	49.7	4.2	
Iron	31300 B	14.0	
Magnesium	5800	140	
Manganese	617	2.1	
Nickel	35.7	5.6	
Potassium	983	281	
Sodium	528	140	
Thallium	77.0	70.2	
Vanadium	71.1	5.6	
Zinc	61.2 B	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0117 continued on next page)

(results for BAFB-0117 continued)

Field No. : BAFB-0117
Laboratory No. : 21775-2
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007 B	0.007	
Acetone	0.017	0.014	
Toluene	0.058	0.007	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	94	N/A	
2-Fluorophenol (SS)	86	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	100	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0117)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0118
Laboratory No. : 21775-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0118		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.080	0.080	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.3	5.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<66	66	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16900	26.6	
Barium	133	13.3	
Calcium	3600	133	
Chromium	29.8 B	4.0	
Cobalt	10.2	5.3	
Copper	41.1	4.0	
Iron	19900 B	13.3	
Magnesium	5740	133	
Manganese	328	2.0	
Nickel	27.7	5.3	
Potassium	944	266	
Sodium	314	133	
Vanadium	41.5	5.3	
Zinc	67.8 B	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0118 continued on next page)

(results for BAFB-0118 continued)

Field No. : BAFB-0118
Laboratory No. : 21775-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.008 B	0.007	
Acetone	0.020	0.013	
Toluene	0.11	0.007	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	109	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	89	N/A	
Phenol-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank.
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0118)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0119
Laboratory No. : 21775-4
Sample Depth : 25.00 - 26.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0119 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25	N/A	%
MERCURY (SW7471) (non-detect)	<0.080	0.080	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.3	5.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19700	26.7	
Barium	165	13.3	
Calcium	4240	133	
Chromium	33.3 B	4.0	
Cobalt	21.3	5.3	
Copper	46.3	4.0	
Iron	25100 B	13.3	
Magnesium	7880	133	
Manganese	600	2.0	
Nickel	43.5	5.3	
Potassium	1220	267	
Sodium	309	133	
Vanadium	62.8	5.3	
Zinc	67.3 B	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0119 continued on next page)

(results for BAFB-0119 continued)

Field No. : BAFB-0119
Laboratory No. : 21775-4
Sample Depth : 25.00 - 26.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.024 B	0.007	
Acetone	0.041	0.013	
Toluene	0.064	0.007	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	83	N/A	
p-Terphenyl-d14 (SS)	82	N/A	
Phenol-d5 (SS)	94	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0119)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0120
Laboratory No. : 21775-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0120 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.081	0.081	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.4	5.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21600	26.9	
Barium	159	13.4	
Calcium	4260	134	
Chromium	32.1 B	4.0	
Cobalt	22.8	5.4	
Copper	50.7	4.0	
Iron	36000 B	13.4	
Magnesium	5940	134	
Manganese	961	2.0	
Nickel	39.8	5.4	
Potassium	1320	269	
Sodium	284	134	
Thallium	88.4	67.2	
Vanadium	94.4	5.4	
Zinc	65.5 B	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0120 continued on next page)

(results for BAFB-0120 continued)

Field No. : BAFB-0120
Laboratory No. : 21775-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.007	
Acetone	0.038	0.013	
Toluene	0.13	0.007	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	86	N/A	
p-Terphenyl-d14 (SS)	79	N/A	
Phenol-d5 (SS)	99	N/A	
2-Fluorobiphenyl (SS)	82	N/A	
2,4,6-Tribromophenol (SS)	54	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0120)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0121
Laboratory No. : 21775-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0121

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.9	4.9	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15400	24.5	
Barium	185	12.3	
Calcium	5810	123	
Chromium	47.1 B	3.7	
Cobalt	30.3	4.9	
Copper	66.3	3.7	
Iron	37700 B	12.3	
Magnesium	7840	123	
Manganese	1200	1.8	
Nickel	25.2	4.9	
Potassium	515	245	
Sodium	174	123	
Thallium	68.6	61.3	
Vanadium	134	4.9	
Zinc	78.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0121 continued on next page)

(results for BAFB-0121 continued)

Field No. : BAFB-0121
Laboratory No. : 21775-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007 B	0.006	
Acetone	0.20	0.012	
Toluene	0.043	0.006	
1,2-Dichloroethane-d4 (SS)	102	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	99	N/A	
2-Fluorophenol (SS)	88	N/A	
p-Terphenyl-d14 (SS)	89	N/A	
Phenol-d5 (SS)	98	N/A	
2-Fluorobiphenyl (SS)	83	N/A	
2,4,6-Tribromophenol (SS)	62	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0121)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0122
Laboratory No. : 21775-7
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0122

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.1	5.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	22700	25.6	
Barium	134	12.8	
Calcium	5570	128	
Chromium	38.3 B	3.8	
Cobalt	24.3	5.1	
Copper	44.4	3.8	
Iron	30500 B	12.8	
Magnesium	8660	128	
Manganese	827	1.9	
Nickel	38.3	5.1	
Potassium	1410	256	
Sodium	270	128	
Vanadium	42.9	5.1	
Zinc	72.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0122 continued on next page)

(results for BAFB-0122 continued)

Field No. : BAFB-0122
Laboratory No. : 21775-7
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-3SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.008 B	0.006	
Acetone	0.069	0.013	
Toluene	0.083	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.099 J	0.42	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0122)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0123
Laboratory No. : 21786-2
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0123

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
CYANIDE (SW9010)	3.1	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.0	6.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11500	24.1	
Barium	84.2	12.0	
Calcium	3650	120	
Chromium	35.8 B	3.6	
Cobalt	18.1	4.8	
Copper	49.5	3.6	
Iron	24600 B	12.0	
Magnesium	4390	120	
Manganese	652	1.8	
Nickel	21.7	4.8	
Potassium	265	241	
Sodium	290	120	
Vanadium	84.2	4.8	
Zinc	46.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0123 continued on next page)

(results for BAFB-0123 continued)

Field No. : BAFB-0123
Laboratory No. : 21786-2
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.065 B	0.006	
Toluene	0.16	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	78	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	90	N/A	
2-Fluorophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0123)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0124
Laboratory No. : 21786-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0124

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	6.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.064	0.064	mg/kg
CYANIDE (SW9010) (non-detect)	<0.11	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.4	5.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<54	54	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5640	21.4	
Barium	38.9	10.7	
Calcium	2840	107	
Chromium	17.1 B	3.2	
Cobalt	11.8	4.3	
Copper	23.6	3.2	
Iron	15600 B	10.7	
Magnesium	2680	107	
Manganese	326	1.6	
Nickel	10.4	4.3	
Sodium	140	107	
Vanadium	50.6	4.3	
Zinc	26.2	2.1	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0124 continued on next page)

(results for BAFB-0124 continued)

Field No. : BAFB-0124
Laboratory No. : 21786-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.059 B	0.005	
Toluene	0.001 J	0.005	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	81	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	91	N/A	
2-Fluorophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	90	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
2,4,6-Tribromophenol (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0124)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0125
Laboratory No. : 21786-4
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0125

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value		Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.6		N/A	%
MERCURY (SW7471) (non-detect)	<0.078		0.078	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13		0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.5		6.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<65		65	mg/kg
ICP METALS (SW6010)				mg/kg
Aluminum	15500		25.8	
Barium	109		12.9	
Calcium	3310		129	
Chromium	24.5	B	3.9	
Cobalt	28.4		5.2	
Copper	41.5		3.9	
Iron	28600	B	12.9	
Magnesium	5400		129	
Manganese	327		1.9	
Nickel	25.8		5.2	
Potassium	1110		258	
Sodium	296		129	
Thallium	86.7		64.6	
Vanadium	73.8		5.2	
Zinc	53.6		2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0125 continued on next page)

(results for BAFB-0125 continued)

Field No. : BAFB-0125
Laboratory No. : 21786-4
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.10 B	0.006	
Trichloroethene	0.018	0.006	
Toluene	0.16	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	78	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.11 J	0.43	
Nitrobenzene-d5 (SS)	81	N/A	
2-Fluorophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	86	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0125)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0126
Laboratory No. : 21786-5
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0126

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
SW9010	Cyanide	12/20/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.4	6.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19000	25.7	
Barium	171	12.8	
Calcium	4160	128	
Chromium	31.1 B	3.9	
Cobalt	18.0	5.1	
Copper	50.3	3.9	
Iron	33000 B	12.8	
Magnesium	5490	128	
Manganese	1210	1.9	
Nickel	32.0	5.1	
Potassium	1040	257	
Sodium	345	128	
Thallium	87.9	64.2	
Vanadium	78.3	5.1	
Zinc	69.2	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0126 continued on next page)

(results for BAFB-0126 continued)

Field No. : BAFB-0126
Laboratory No. : 21786-5
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.073 B	0.006	
Toluene	0.15	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	80	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.22 J	0.42	
Nitrobenzene-d5 (SS)	84	N/A	
2-Fluorophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0126)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0186
Laboratory No. : 21787-4
Sample Depth : 25.00 - 26.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0186

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
SW9010	Cyanide	12/21/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
CYANIDE (SW9010)	0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.3	6.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11700	25.1	
Barium	117	12.5	
Calcium	3010	125	
Chromium	27.1	3.8	
Cobalt	13.8	5.0	
Copper	45.5	3.8	
Iron	21000	12.5	
Magnesium	5330	125	
Manganese	598	1.9	
Nickel	23.8	5.0	
Potassium	1180	251	
Sodium	266	125	
Vanadium	49.8	5.0	
Zinc	69.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0186 continued on next page)

(results for BAFB-0186 continued)

Field No. : BAFB-0186
Laboratory No. : 21787-4
Sample Depth : 25.00 - 26.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.069	0.006	
Trichloroethene	0.033	0.006	
Toluene	0.039	0.006	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	78	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	82	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0186)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0187
Laboratory No. : 21787-5
Sample Depth : 26.50 - 28.00 ft. BGS
Field Replicate for BAFB-0186

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0187 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
SW9010	Cyanide	12/21/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	5.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.064	0.064	mg/kg
CYANIDE (SW9010) (non-detect)	<0.11	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.3	5.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<53	53	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5930	21.2	
Barium	53.1	10.6	
Calcium	1680	106	
Chromium	25.0	3.2	
Cobalt	7.9	4.2	
Copper	29.3	3.2	
Iron	13900	10.6	
Magnesium	3390	106	
Manganese	275	1.6	
Nickel	19.1	4.2	
Potassium	604	212	
Sodium	175	106	
Vanadium	26.1	4.2	
Zinc	37.9	2.1	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0187 continued on next page)

(results for BAFB-0187 continued)

Field No. : BAFB-0187
Laboratory No. : 21787-5
Sample Depth : 26.50 - 28.00 ft. BGS
Field Replicate for BAFB-0186

Field Log No. : 2-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.049	0.005	
Trichloroethene	0.006	0.005	
Toluene	0.036	0.005	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	78	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorophenol (SS)	75	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	86	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0187)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0292
Laboratory No. : 21919-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0292

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
SW9010	Cyanide	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13500	23.3	
Barium	177	11.7	
Calcium	3760	117	
Chromium	34.7	3.5	
Cobalt	22.1	4.7	
Copper	43.8	3.5	
Iron	26700	11.7	
Magnesium	5290	117	
Manganese	793	1.7	
Nickel	18.6	4.7	
Potassium	315	233	
Sodium	591	117	
Vanadium	88.1	4.7	
Zinc	54.1	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0292 continued on next page)

(results for BAFB-0292 continued)

Field No. : BAFB-0292
Laboratory No. : 21919-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007	0.006	
Toluene	0.047	0.006	
1,2-Dichloroethane-d4 (SS)	114	N/A	
Toluene-d8 (SS)	108	N/A	
1,4-Bromofluorobenzene (SS)	122	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0535)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0292)

Field No. : BAFB-0535
Laboratory No. : 23114-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0535

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	05/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.060 J	0.33	
2-Fluorophenol (SS)	53	N/A	
Phenol-d5 (SS)	75	N/A	
Nitrobenzene-d5 (SS)	56	N/A	
2-Fluorobiphenyl (SS)	51	N/A	
2,4,6-Tribromophenol (SS)	51	N/A	
p-Terphenyl-d14 (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0535)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0294
Laboratory No. : 21919-4
Sample Depth : 17.00 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0294 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
SW9010	Cyanide	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.068	0.068	mg/kg
CYANIDE (SW9010) (non-detect)	<0.11	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<57	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13800	22.8	
Barium	95.9	11.4	
Calcium	4850	114	
Chromium	40.5	3.4	
Cobalt	23.0	4.6	
Copper	50.5	3.4	
Iron	28600	11.4	
Magnesium	3540	114	
Manganese	617	1.7	
Nickel	24.2	4.6	
Potassium	341	228	
Sodium	461	114	
Thallium	74.1	56.9	
Vanadium	91.5	4.6	
Zinc	56.7	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0294 continued on next page)

(results for BAFB-0294 continued)

Field No. : BAFB-0294
Laboratory No. : 21919-4
Sample Depth : 17.00 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006	0.006	
Acetone	0.008 J	0.011	
Toluene	0.032	0.006	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0536)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0294)

Field No. : BAFB-0536
Laboratory No. : 23114-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0536		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	05/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.056 J	0.33	
2-Fluorophenol (SS)	51	N/A	
Phenol-d5 (SS)	66	N/A	
Nitrobenzene-d5 (SS)	50	N/A	
2-Fluorobiphenyl (SS)	47	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	
p-Terphenyl-d14 (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0536)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0537
Laboratory No. : 23114-4
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample--RESAMPLE FOR INVALID SAMPLE BAFB-0295

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0537

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	05/19/89	dry	1.0	%
SW7471	Mercury	05/17/89	dry	1.0	mg/kg
SW9010	Cyanide	05/12/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	05/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	05/09/89	dry	1.0	mg/kg
SW6010	ICP Metals	05/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	05/15/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	05/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.3	6.3	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17000	25.3	
Barium	147	12.7	
Calcium	4540	127	
Chromium	42.7	3.8	
Cobalt	16.5	5.1	
Copper	43.2	3.8	
Iron	30200	12.7	
Magnesium	7530	127	
Manganese	627	1.9	
Nickel	29.3	5.1	
Potassium	938	253	
Sodium	449	127	
Vanadium	60.8	5.1	
Zinc	61.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0537 continued on next page)

(results for BAFB-0537 continued)

Field No. : BAFB-0537 Field Log No. : 2-C-5SB
Laboratory No. : 23114-4 Sampling Date : 05/03/89
Sample Depth : 30.00 - 31.50 ft. BGS Matrix : Soil
Normal Environmental Sample--RESAMPLE FOR INVALID SAMPLE BAFB-0295

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.015	0.006	
Acetone	0.032 B	0.013	
Chloroform	0.013	0.006	
Toluene	0.18	0.006	
1,2-Dichloroethane-d4 (SS)	120	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	60	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0537)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0538
Laboratory No. : 23114-5
Sample Depth : 31.50 - 33.00 ft. BGS
Field Replicate for BAFB-0537

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0538		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	05/19/89	dry	1.0	%
SW7471	Mercury	05/17/89	dry	1.0	mg/kg
SW9010	Cyanide	05/12/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	05/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	05/09/89	dry	1.0	mg/kg
SW6010	ICP Metals	05/15/89	dry	1.0	mg/kg
SW8240	Volatile Organics	05/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	05/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.5	6.5	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21700	25.8	
Barium	145	12.9	
Calcium	3510	129	
Chromium	37.9	3.9	
Cobalt	20.6	5.2	
Copper	39.5	3.9	
Iron	34300	12.9	
Magnesium	5470	129	
Manganese	761	1.9	
Nickel	33.8	5.2	
Potassium	1230	258	
Sodium	413	129	
Vanadium	93.8	5.2	
Zinc	62.7	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0538 continued on next page)

(results for BAFB-0538 continued)

Field No. : BAFB-0538
Laboratory No. : 23114-5
Sample Depth : 31.50 - 33.00 ft. BGS
Field Replicate for BAFB-0537

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.012	0.006	
Toluene	0.081	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	44	N/A	
Phenol-d5 (SS)	60	N/A	
Nitrobenzene-d5 (SS)	45	N/A	
2-Fluorobiphenyl (SS)	44	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	
p-Terphenyl-d14 (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0538)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0296
Laboratory No. : 21919-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0296

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
SW9010	Cyanide	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	26.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.082	0.082	mg/kg
CYANIDE (SW9010) (non-detect)	<0.14	0.14	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<68	68	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14300	27.2	
Barium	133	13.6	
Calcium	3740	136	
Chromium	23.1	4.1	
Cobalt	14.9	5.4	
Copper	36.1	4.1	
Iron	26100	13.6	
Magnesium	5030	136	
Manganese	575	2.0	
Nickel	24.5	5.4	
Potassium	639	272	
Sodium	476	136	
Thallium	86.4	67.9	
Vanadium	57.1	5.4	
Zinc	60.5	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0296 continued on next page)

(results for BAFB-0296 continued)

Field No. : BAFB-0296
Laboratory No. : 21919-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.007	
Acetone	0.012 J	0.014	
2-Butanone	0.018	0.014	
Vinyl Acetate	0.008 J	0.014	
Benzene	0.012	0.007	
4-Methyl-2-Pentanone	0.011 J	0.014	
Toluene	0.086	0.007	
1,2-Dichloroethane-d4 (SS)	88	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0539)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0296)

Field No. : BAFB-0539
Laboratory No. : 23114-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0539		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	05/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.066 J	0.33	
2-Fluorophenol (SS)	40	N/A	
Phenol-d5 (SS)	52	N/A	
Nitrobenzene-d5 (SS)	38	N/A	
2-Fluorobiphenyl (SS)	36	N/A	
2,4,6-Tribromophenol (SS)	41	N/A	
p-Terphenyl-d14 (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0539)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0297
Laboratory No. : 21919-7
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0297

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
SW9010	Cyanide	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21300	24.6	
Barium	150	12.3	
Calcium	6220	123	
Chromium	66.0	3.7	
Cobalt	28.8	4.9	
Copper	65.1	3.7	
Iron	43300	12.3	
Magnesium	8250	123	
Manganese	839	1.8	
Nickel	31.0	4.9	
Potassium	567	246	
Sodium	232	123	
Vanadium	134	4.9	
Zinc	81.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0297 continued on next page)

(results for BAFB-0297 continued)

Field No. : BAFB-0297
Laboratory No. : 21919-7
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-5SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.006	
Acetone	0.023	0.012	
2-Butanone	0.041	0.012	
Toluene	0.027	0.006	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	111	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0540)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0297)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0540
Laboratory No. : 23114-7
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-5SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0540		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	05/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.67	0.33	
2-Fluorophenol (SS)	44	N/A	
Phenol-d5 (SS)	59	N/A	
Nitrobenzene-d5 (SS)	45	N/A	
2-Fluorobiphenyl (SS)	40	N/A	
2,4,6-Tribromophenol (SS)	46	N/A	
p-Terphenyl-d14 (SS)	60	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0540)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0298
Laboratory No. : 21931-2
Sample Depth : 8.50 - 10.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0298		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/19/89	dry	1.0	mg/kg
SW9010	Cyanide	12/29/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/02/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10900	23.3	
Barium	131	11.7	
Calcium	2060	117	
Chromium	31.7	3.5	
Cobalt	31.7	4.7	
Copper	32.1	3.5	
Iron	24600	11.7	
Magnesium	3240	117	
Manganese	1160	1.7	
Nickel	16.3	4.7	
Potassium	408	233	
Sodium	225	117	
Vanadium	83.8	4.7	
Zinc	37.6	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0298 continued on next page)

(results for BAFB-0298 continued)

Field No. : BAFB-0298
Laboratory No. : 21931-2
Sample Depth : 8.50 - 10.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.82	0.73	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	120	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	57	N/A	
2-Fluorophenol (SS)	48	N/A	
p-Terphenyl-d14 (SS)	97	N/A	
Phenol-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0298)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0299
Laboratory No. : 21931-3
Sample Depth : 18.50 - 20.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0299

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/19/89	dry	1.0	mg/kg
SW9010	Cyanide	12/29/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/02/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	22700	25.3	
Barium	90.7	12.7	
Beryllium	0.76	0.63	
Calcium	5720	127	
Chromium	64.9	3.8	
Cobalt	25.3	5.1	
Copper	73.4	3.8	
Iron	49300	12.7	
Magnesium	9070	127	
Manganese	550	1.9	
Nickel	36.1	5.1	
Potassium	900	253	
Sodium	430	127	
Vanadium	143	5.1	
Zinc	85.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0299 continued on next page)

(results for BAFB-0299 continued)

Field No. : BAFB-0299
Laboratory No. : 21931-3
Sample Depth : 18.50 - 20.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	120	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0299)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0300
Laboratory No. : 21931-4
Sample Depth : 28.50 - 30.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0300

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/19/89	dry	1.0	mg/kg
SW9010	Cyanide	12/29/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/02/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
CYANIDE (SW9010)	0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14600	25.1	
Barium	415	12.6	
Beryllium	0.75	0.63	
Calcium	4670	126	
Chromium	39.7	3.8	
Cobalt	36.7	5.0	
Copper	47.9	3.8	
Iron	30700	12.6	
Magnesium	7840	126	
Manganese	1960	1.9	
Nickel	43.7	5.0	
Potassium	641	251	
Sodium	313	126	
Vanadium	84.9	5.0	
Zinc	63.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0300 continued on next page)

(results for BAFB-0300 continued)

Field No. : BAFB-0300
Laboratory No. : 21931-4
Sample Depth : 28.50 - 30.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.25 J	0.79	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	85	N/A	
Phenol-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0300)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0301
Laboratory No. : 21931-5
Sample Depth : 38.50 - 40.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0301

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/19/89	dry	1.0	mg/kg
SW9010	Cyanide	12/29/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/02/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	26.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.082	0.082	mg/kg
CYANIDE (SW9010) (non-detect)	<0.14	0.14	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<14	14	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	27400	27.2	
Barium	186	13.6	
Beryllium	0.82	0.68	
Calcium	5490	136	
Chromium	36.5	4.1	
Cobalt	17.7	5.4	
Copper	61.8	4.1	
Iron	37500	13.6	
Magnesium	8860	136	
Manganese	682	2.0	
Nickel	43.5	5.4	
Potassium	1330	272	
Sodium	446	136	
Thallium	89.8	67.9	
Vanadium	64.9	5.4	
Zinc	96.5	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0301 continued on next page)

(results for BAFB-0301 continued)

Field No. : BAFB-0301
Laboratory No. : 21931-5
Sample Depth : 38.50 - 40.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	2.3	1.8	
Toluene	0.30 J	0.86	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	59	N/A	
2-Fluorophenol (SS)	58	N/A	
p-Terphenyl-d14 (SS)	42	N/A	
Phenol-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0301)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0302
Laboratory No. : 21931-6
Sample Depth : 48.50 - 50.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0302

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/19/89	dry	1.0	mg/kg
SW9010	Cyanide	12/29/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/02/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11300	23.5	
Barium	180	11.7	
Calcium	4080	117	
Chromium	31.5	3.5	
Cobalt	27.8	4.7	
Copper	52.6	3.5	
Iron	31100	11.7	
Magnesium	6470	117	
Manganese	1070	1.8	
Nickel	21.1	4.7	
Potassium	282	235	
Sodium	168	117	
Vanadium	96.9	4.7	
Zinc	61.7	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0302 continued on next page)

(results for BAFB-0302 continued)

Field No. : BAFB-0302
Laboratory No. : 21931-6
Sample Depth : 48.50 - 50.00 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-6SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	120	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorophenol (SS)	76	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0302)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0090
Laboratory No. : 21734-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0090

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.8	4.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16800	24.1	
Barium	126	12.0	
Calcium	5200	120	
Chromium	42.6	3.6	
Cobalt	24.1	4.8	
Copper	54.4	3.6	
Iron	31500	12.0	
Magnesium	5420	120	
Manganese	882	1.8	
Nickel	29.4	4.8	
Potassium	481	241	
Sodium	162	120	
Vanadium	98.6	4.8	
Zinc	56.9	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0090 continued on next page)

(results for BAFB-0090 continued)

Field No. : BAFB-0090
Laboratory No. : 21734-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.034 B	0.006	
Acetone	0.018	0.006	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	83	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.83 B	0.40	
Di-n-Butylphthalate	0.20 J	0.40	
2-Fluorophenol (SS)	66	N/A	
Phenol-d5 (SS)	90	N/A	
Nitrobenzene-d5 (SS)	57	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0090)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0091
Laboratory No. : 21734-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0091		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.6	4.6	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14600	23.0	
Barium	75.8	11.5	
Calcium	4990	115	
Chromium	33.9	3.5	
Cobalt	20.7	4.6	
Copper	50.7	3.5	
Iron	27800	11.5	
Magnesium	5200	115	
Manganese	636	1.7	
Nickel	21.9	4.6	
Potassium	368	230	
Sodium	151	115	
Vanadium	86.2	4.6	
Zinc	52.4	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0091 continued on next page)

(results for BAFB-0091 continued)

Field No. : BAFB-0091
Laboratory No. : 21734-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.20	0.027	
Acetone	0.77	0.027	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0420)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0091)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0092
Laboratory No. : 21734-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0092

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	7.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.065	0.065	mg/kg
CYANIDE (SW9010) (non-detect)	<0.11	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.3	4.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<54	54	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10000	21.7	
Barium	46.3	10.9	
Calcium	6000	109	
Chromium	25.7	3.3	
Cobalt	11.9	4.3	
Copper	27.1	3.3	
Iron	18700	10.9	
Magnesium	3320	109	
Manganese	444	1.6	
Nickel	16.3	4.3	
Potassium	271	217	
Sodium	221	109	
Vanadium	54.7	4.3	
Zinc	34.0	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0092 continued on next page)

(results for BAFB-0092 continued)

Field No. : BAFB-0092
Laboratory No. : 21734-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.22 B	0.030	
Acetone	0.38	0.030	
1,1,2,2-Tetrachloroethane	0.008 J	0.030	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0421)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0092)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0093
Laboratory No. : 21734-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0093

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.8	4.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11500	24.0	
Barium	79.0	12.0	
Calcium	2970	120	
Chromium	20.4	3.6	
Cobalt	12.0	4.8	
Copper	33.0	3.6	
Iron	20500	12.0	
Magnesium	3830	120	
Manganese	562	1.8	
Nickel	24.8	4.8	
Potassium	600	240	
Sodium	252	120	
Thallium	60.3	60.0	
Vanadium	50.9	4.8	
Zinc	48.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0093 continued on next page)

(results for BAFB-0093 continued)

Field No. : BAFB-0093
Laboratory No. : 21734-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.058 B	0.007	
Acetone	0.28	0.007	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0423)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0093)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0094
Laboratory No. : 21734-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0094

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
CYANIDE (SW9010) (non-detect)	<0.12	0.12	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.0	5.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23300	24.8	
Barium	144	12.4	
Beryllium	0.62	0.62	
Calcium	5540	124	
Chromium	36.8	3.7	
Cobalt	19.8	5.0	
Copper	71.7	3.7	
Iron	35400	12.4	
Magnesium	6920	124	
Manganese	847	1.9	
Nickel	31.1	5.0	
Potassium	915	248	
Sodium	218	124	
Thallium	70.3	61.9	
Vanadium	101	5.0	
Zinc	74.6	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0094 continued on next page)

(results for BAFB-0094 continued)

Field No. : BAFB-0094
Laboratory No. : 21734-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.19 B	0.033	
Acetone	1.1	0.033	
Toluene	0.015 J	0.033	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.22 BJ	0.41	
2-Fluorophenol (SS)	91	N/A	
Phenol-d5 (SS)	129	N/A	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	83	N/A	
p-Terphenyl-d14 (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0094)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0095
Laboratory No. : 21734-7
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0095 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
SW9010	Cyanide	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
CYANIDE (SW9010) (non-detect)	<0.13	0.13	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.2	5.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<65	65	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	28000	25.8	
Barium	64.1	12.9	
Calcium	7820	129	
Chromium	44.1	3.9	
Cobalt	16.8	5.2	
Copper	58.2	3.9	
Iron	39000	12.9	
Magnesium	8090	129	
Manganese	468	1.9	
Nickel	26.7	5.2	
Potassium	710	258	
Sodium	266	129	
Thallium	101	64.5	
Vanadium	73.8	5.2	
Zinc	78.7	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0095 continued on next page)

(results for BAFB-0095 continued)

Field No. : BAFB-0095
Laboratory No. : 21734-7
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 2-C-7SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.048 B	0.007	
Acetone	0.34	0.007	
Toluene	0.008	0.007	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.13 J	0.43	
Benzoic Acid	0.27 J	2.1	
Phenanthrene	0.059 J	0.43	
Di-n-Butylphthalate	0.46 B	0.43	
Fluoranthene	0.065 J	0.43	
Pyrene	0.072 J	0.43	
bis(2-Ethylhexyl)Phthalate	0.11 J	0.43	
Chrysene	0.065 J	0.43	
2-Fluorophenol (SS)	108	N/A	
Phenol-d5 (SS)	129	N/A	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	92	N/A	
2,4,6-Tribromophenol (SS)	99	N/A	
p-Terphenyl-d14 (SS)	159	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0095)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0420
Laboratory No. : 22144-2
Sample Depth : 10.00 - 10.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-7SB
Sampling Date : 01/20/89
Matrix : Soil

Tests performed on sample: BAFB-0420		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	02/08/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.13 J	0.33	
2-Fluorophenol (SS)	51	N/A	
Phenol-d5 (SS)	54	N/A	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0420)

Field No. : BAFB-0421
Laboratory No. : 22144-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-7SB
Sampling Date : 01/20/89
Matrix : Soil

Tests performed on sample: BAFB-0421 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	02/23/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.12 J	0.33	
2-Fluorophenol (SS)	51	N/A	
Phenol-d5 (SS)	55	N/A	
Nitrobenzene-d5 (SS)	50	N/A	
2-Fluorobiphenyl (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	
p-Terphenyl-d14 (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0421)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0422
Laboratory No. : 22144-4
Sample Depth : 20.50 - 21.00 ft. BGS
Field Replicate for BAFB-0421--RESAMPLE

Field Log No. : 2-C-7SB
Sampling Date : 01/20/89
Matrix : Soil

Tests performed on sample: BAFB-0422

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	02/23/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.095 J	0.33	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0422)

BEALE AFB SITE 2: Soil Data 1988/1989

Field No. : BAFB-0423
Laboratory No. : 22144-5
Sample Depth : 30.00 - 30.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 2-C-7SB
Sampling Date : 01/20/89
Matrix : Soil

Tests performed on sample: BAFB-0423		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	02/23/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	62	N/A	
Phenol-d5 (SS)	67	N/A	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	66	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0423)

SITE 2

Water Data 1st Round Sampling

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0477
Laboratory No. : 22601-2
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Tests performed on sample: BAFB-0477

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/07/89	wet	1.0	umhos/cm
E170.1	Temperature	03/07/89	wet	1.0	degrees c
E150.1	pH	03/07/89	wet	1.0	pH
SM403	Alkalinity - Total	03/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/07/89	wet	1.0	mg/l
SM403	Bicarbonate	03/07/89	wet	1.0	mg/l
SM403	Carbonate	03/07/89	wet	1.0	mg/l
7060/7061	Arsenic	03/30/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
9010	Cyanide	03/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/14/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/23/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	239	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	6.91	N/A	pH
ALKALINITY-TOTAL (SM403)	96.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0477 continued on next page)

(results for BAFB-0477 continued)

Field No. : BAFB-0477
Laboratory No. : 22601-2
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
CYANIDE (9010) (non-detect)	<0.0100		0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	192		3.0	mg/l
CHLORIDE (E325.3)	16.8		1.0	mg/l
FLUORIDE (E340.2)	0.20		0.050	mg/l
NITRATE + NITRITE (E353.3)	16.5		0.050	mg/l
SULFATE (E375.4)	12.7		1.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	22.4		1.00	
Potassium	1.40		1.00	
Magnesium	13.1		1.00	
Sodium	14.1		1.00	
Zinc	0.034		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(3)	1	
bromochloromethane (SS)	98		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(3)	1	
trifluorotoluene (SS)	103		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0477 continued on next page)

(results for BAFB-0477 continued)

Field No. : BAFB-0477
Laboratory No. : 22601-2
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	4 J	10	
2,4,6-tribromophenol (SS)	61	N/A	
2-fluorophenol (SS)	69	N/A	
2-fluorobiphenyl (SS)	67	N/A	
nitrobenzene-d5 (SS)	67	N/A	
phenol-d5 (SS)	75	N/A	
p-terphenyl-d14 (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0477)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0478
Laboratory No. : 22601-3
Field Replicate for BAFB-0477

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Tests performed on sample: BAFB-0478

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/07/89	wet	1.0	umhos/cm
E170.1	Temperature	03/07/89	wet	1.0	degrees c
E150.1	pH	03/07/89	wet	1.0	pH
SM403	Alkalinity - Total	03/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/07/89	wet	1.0	mg/l
SM403	Bicarbonate	03/07/89	wet	1.0	mg/l
SM403	Carbonate	03/07/89	wet	1.0	mg/l
7060/7061	Arsenic	03/30/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
9010	Cyanide	03/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/14/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/23/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	239	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	6.91	N/A	pH
ALKALINITY-TOTAL (SM403)	96.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0478 continued on next page)

(results for BAFB-0478 continued)

Field No. : BAFB-0478
Laboratory No. : 22601-3
Field Replicate for BAFB-0477

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
CYANIDE (9010) (non-detect)	<0.0100		0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	186		3.0	mg/l
CHLORIDE (E325.3)	16.8		1.0	mg/l
FLUORIDE (E340.2)	0.21		0.050	mg/l
NITRATE + NITRITE (E353.3)	17.5		0.050	mg/l
SULFATE (E375.4)	12.2		1.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	22.2		1.00	
Potassium	1.60		1.00	
Magnesium	13.0		1.00	
Sodium	14.0		1.00	
Zinc	0.032		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(3)	1	
bromochloromethane (SS)	111	(4)	N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3		1	
trifluorotoluene (SS)	107		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0478 continued on next page)

(results for BAFB-0478 continued)

Field No. : BAFB-0478
Laboratory No. : 22601-3
Field Replicate for BAFB-0477

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	6 J	10	
2,4,6-tribromophenol (SS)	64	N/A	
2-fluorophenol (SS)	59	N/A	
2-fluorobiphenyl (SS)	64	N/A	
nitrobenzene-d5 (SS)	62	N/A	
phenol-d5 (SS)	66	N/A	
p-terphenyl-d14 (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0478)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0476
Laboratory No. : 22601-1
Equipment Wash Blank

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Tests performed on sample: BAFB-0476 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/07/89	wet	1.0	umhos/cm
E170.1	Temperature	03/07/89	wet	1.0	degrees c
E150.1	pH	03/07/89	wet	1.0	pH
SM403	Alkalinity - Total	03/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/07/89	wet	1.0	mg/l
SM403	Bicarbonate	03/07/89	wet	1.0	mg/l
SM403	Carbonate	03/07/89	wet	1.0	mg/l
9010	Cyanide	03/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/14/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/23/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	0	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.00	N/A	pH
ALKALINITY-TOTAL (SM403)	2.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	3.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
CYANIDE (9010) (non-detect)	<0.0100	0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	5.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0476 continued on next page)

Field No. : BAFB-0476
Laboratory No. : 22601-1
Equipment Wash Blank

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.18	0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	89	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	104	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	3 J	10	
2,4,6-tribromophenol (SS)	46	N/A	
2-fluorophenol (SS)	54	N/A	
2-fluorobiphenyl (SS)	70	N/A	
nitrobenzene-d5 (SS)	72	N/A	
phenol-d5 (SS)	59	N/A	
p-terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0476)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0480
Laboratory No. : 22601-4
Field Blank

Field Log No. : 2-C-1GW
Sampling Date : 03/07/89
Matrix : Water

Tests performed on sample: BAFB-0480

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	03/17/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	100	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	102	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0480)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0481
Laboratory No. : 22622-1
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 03/08/89
Matrix : Water

Tests performed on sample: BAFB-0481

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/08/89	wet	1.0	umhos/cm
E170.1	Temperature	03/08/89	wet	1.0	degrees c
E150.1	pH	03/08/89	wet	1.0	pH
SM403	Alkalinity - Total	03/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/08/89	wet	1.0	mg/l
SM403	Bicarbonate	03/08/89	wet	1.0	mg/l
SM403	Carbonate	03/08/89	wet	1.0	mg/l
7060/7061	Arsenic	03/30/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
9010	Cyanide	03/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/13/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/23/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.28	N/A	pH
ALKALINITY-TOTAL (SM403)	86.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	105.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0481 continued on next page)

(results for BAFB-0481 continued)

Field No. : BAFB-0481
Laboratory No. : 22622-1
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 03/08/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (9010)	0.0200	0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	216	3.0	mg/l
CHLORIDE (E325.3)	21.8	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.050	mg/l
NITRATE + NITRITE (E353.3)	16.5	0.050	mg/l
SULFATE (E375.4)	30.5	1.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	21.2	1.00	
Iron	0.763	0.100	
Magnesium	14.0	1.00	
Manganese	0.082	0.015	
Sodium	14.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	106	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	93	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0481 continued on next page)

(results for BAFB-0481 continued)

Field No. : BAFB-0481
Laboratory No. : 22622-1
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 03/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	4 J	10	
2,4,6-tribromophenol (SS)	50	N/A	
2-fluorophenol (SS)	37	N/A	
2-fluorobiphenyl (SS)	61	N/A	
nitrobenzene-d5 (SS)	57	N/A	
phenol-d5 (SS)	46	N/A	
p-terphenyl-d14 (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0481)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0464
Laboratory No. : 22405-1
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 02/20/89
Matrix : Water

Tests performed on sample: BAFB-0464

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/20/89	wet	1.0	umhos/cm
E170.1	Temperature	02/20/89	wet	1.0	degrees c
E150.1	pH	02/20/89	wet	1.0	pH
SM403	Alkalinity - Total	02/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/20/89	wet	1.0	mg/l
SM403	Bicarbonate	02/20/89	wet	1.0	mg/l
SM403	Carbonate	02/20/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/09/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
9010	Cyanide	03/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/22/89	wet	1.0	mg/l
E325.3	Chloride	02/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
SW6010	ICP Metals	03/03/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	328	N/A	umhos/cm
TEMPERATURE (E170.1)	19.3	N/A	degrees c
pH (E150.1)	6.81	N/A	pH
ALKALINITY-TOTAL (SM403)	65.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	79.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0464 continued on next page)

(results for BAFB-0464 continued)

Field No. : BAFB-0464
Laboratory No. : 22405-1
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 02/20/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (9010) (non-detect)	<0.0100	0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	292	3.0	mg/l
CHLORIDE (E325.3)	27.8	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.050	mg/l
NITRATE + NITRITE (E353.3)	25.3	0.13	mg/l
SULFATE (E375.4)	48.8	1.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	30.2	1.00	
Magnesium	20.8	1.00	
Sodium	13.0	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	114	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	92	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0464 continued on next page)

(results for BAFB-0464 continued)

Field No. : BAFB-0464
Laboratory No. : 22405-1
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 02/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	3 J	10	
Phenol	7 J	10	
2,4,6-tribromophenol (SS)	56	N/A	
2-fluorophenol (SS)	56	N/A	
2-fluorobiphenyl (SS)	81	N/A	
nitrobenzene-d5 (SS)	92	N/A	
phenol-d5 (SS)	65	N/A	
p-terphenyl-d14 (SS)	82	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0464)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0463
Laboratory No. : 22398-3
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 02/17/89
Matrix : Water

Tests performed on sample: BAFB-0463 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/17/89	wet	1.0	umhos/cm
E170.1	Temperature	02/17/89	wet	1.0	degrees c
E150.1	pH	02/17/89	wet	1.0	pH
SM403	Alkalinity - Total	02/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/17/89	wet	1.0	mg/l
SM403	Bicarbonate	02/17/89	wet	1.0	mg/l
SM403	Carbonate	02/17/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/13/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
9010	Cyanide	03/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/22/89	wet	1.0	mg/l
E325.3	Chloride	02/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
SW6010	ICP Metals	03/03/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	17.1	N/A	degrees c
pH (E150.1)	6.96	N/A	pH
ALKALINITY-TOTAL (SM403)	58.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	70.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0463 continued on next page)

(results for BAFB-0463 continued)

Field No. : BAFB-0463
Laboratory No. : 22398-3
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 02/17/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (9010) (non-detect)	<0.0100	0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	236	3.0	mg/l
CHLORIDE (E325.3)	18.7	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.050	mg/l
NITRATE + NITRITE (E353.3)	24.1	0.13	mg/l
SULFATE (E375.4)	31.3	1.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	21.3	1.00	
Magnesium	14.5	1.00	
Sodium	11.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	95	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0463 continued on next page)

(results for BAFB-0463 continued)

Field No. : BAFB-0463
Laboratory No. : 22398-3
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 02/17/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	81	N/A	
2-fluorophenol (SS)	67	N/A	
2-fluorobiphenyl (SS)	72	N/A	
nitrobenzene-d5 (SS)	80	N/A	
phenol-d5 (SS)	79	N/A	
p-terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0463)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0460
Laboratory No. : 22398-2
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 02/17/89
Matrix : Water

Tests performed on sample: BAFB-0460 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/17/89	wet	1.0	umhos/cm
E170.1	Temperature	02/17/89	wet	1.0	degrees c
E150.1	pH	02/17/89	wet	1.0	pH
SM403	Alkalinity - Total	02/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/17/89	wet	1.0	mg/l
SM403	Bicarbonate	02/17/89	wet	1.0	mg/l
SM403	Carbonate	02/17/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/13/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
9010	Cyanide	03/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/22/89	wet	1.0	mg/l
E325.3	Chloride	02/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
SW6010	ICP Metals	03/03/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	556	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	6.94	N/A	pH
ALKALINITY-TOTAL (SM403)	74.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	90.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0460 continued on next page)

(results for BAFB-0460 continued)

Field No. : BAFB-0460
Laboratory No. : 22398-2
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 02/17/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (9010) (non-detect)	<0.0100	0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	435	3.0	mg/l
CHLORIDE (E325.3)	63.7	1.0	mg/l
FLUORIDE (E340.2)	0.12	0.050	mg/l
NITRATE + NITRITE (E353.3)	19.9	0.13	mg/l
SULFATE (E375.4)	130	1.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	50.0	1.00	
Magnesium	33.4	1.00	
Sodium	19.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0460 continued on next page)

(results for BAFB-0460 continued)

Field No. : BAFB-0460
Laboratory No. : 22398-2
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 02/17/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	100	N/A	
2-fluorophenol (SS)	69	N/A	
2-fluorobiphenyl (SS)	76	N/A	
nitrobenzene-d5 (SS)	79	N/A	
phenol-d5 (SS)	78	N/A	
p-terphenyl-d14 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0460)

BEALE AFB SITE 2: Water Data 1st Round Sampling 1989

Field No. : BAFB-0462
Laboratory No. : 22398-1
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 02/17/89
Matrix : Water

Tests performed on sample: BAFB-0462

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/17/89	wet	1.0	umhos/cm
E170.1	Temperature	02/17/89	wet	1.0	degrees c
E150.1	pH	02/17/89	wet	1.0	pH
SM403	Alkalinity - Total	02/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/17/89	wet	1.0	mg/l
SM403	Bicarbonate	02/17/89	wet	1.0	mg/l
SM403	Carbonate	02/17/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/13/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
9010	Cyanide	03/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/22/89	wet	1.0	mg/l
E325.3	Chloride	02/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
SW6010	ICP Metals	03/03/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	235	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	6.83	N/A	pH
ALKALINITY-TOTAL (SM403)	102.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	124.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0462 continued on next page)

(results for BAFB-0462 continued)

Field No. : BAFB-0462
Laboratory No. : 22398-1
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 02/17/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (9010)	0.0300	0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	231	3.0	mg/l
CHLORIDE (E325.3)	21.4	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.050	mg/l
NITRATE + NITRITE (E353.3)	18.6	0.13	mg/l
SULFATE (E375.4)	19.7	1.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.4	1.00	
Magnesium	15.6	1.00	
Sodium	11.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	108	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0462 continued on next page)

(results for BAFB-0462 continued)

Field No. : BAFB-0462
Laboratory No. : 22398-1
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 02/17/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	99	N/A	
2-fluorophenol (SS)	67	N/A	
2-fluorobiphenyl (SS)	71	N/A	
nitrobenzene-d5 (SS)	74	N/A	
phenol-d5 (SS)	72	N/A	
p-terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0462)

SITE 2

Water Data 2nd Round Sampling

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0572
Laboratory No. : 23418-1
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Tests performed on sample: BAFB-0572

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/05/89	wet	1.0	umhos/cm
E170.1	Temperature	06/05/89	wet	1.0	degrees c
E150.1	pH	06/05/89	wet	1.0	pH
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/16/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW9010	Cyanide	06/22/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/19/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	241	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.40	N/A	pH
ALKALINITY-TOTAL (SM403)	(Analysis not performed for this sample)		
ALKALINITY-PHENOLPHTHALEIN	(Analysis not performed for this sample)		
BICARBONATE (SM403)	(Analysis not performed for this sample)		
CARBONATE (SM403)	(Analysis not performed for this sample)		
TOTAL DISSOLVED SOLIDS (E160.1)	2560*	3.0	mg/l

*Data suspected invalid for this sample due to reporting method.

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0572 continued on next page)

(results for BAFB-0572 continued)

Field No. : BAFB-0572
Laboratory No. : 23418-1
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	17.5	1.0	mg/l
FLUORIDE (E340.2)	0.19	0.050	mg/l
NITRATE + NITRITE (E353.3)	18.3	0.13	mg/l
SULFATE (E375.4)	12.1	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.5	1.00	
Magnesium	12.6	1.00	
Sodium	12.2	1.00	
Zinc	0.023	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	102	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0572 continued on next page)

(results for BAFB-0572 continued)

Field No. : BAFB-0572
Laboratory No. : 23418-1
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
bis(2-Ethylhexyl)Phthalate	27	10	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	61	N/A	
2-Fluorophenol (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0572)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0573
Laboratory No. : 23418-2
Field Replicate for BAFB-0572

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Tests performed on sample: BAFB-0573

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/05/89	wet	1.0	umhos/cm
E170.1	Temperature	06/05/89	wet	1.0	degrees c
E150.1	pH	06/05/89	wet	1.0	pH
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/16/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW9010	Cyanide	06/22/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/19/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	241	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.40	N/A	pH
ALKALINITY-TOTAL (SM403)	(Analysis not performed for this sample)		
ALKALINITY-PHENLPHTHALEIN	(Analysis not performed for this sample)		
BICARBONATE (SM403)	(Analysis not performed for this sample)		
CARBONATE (SM403)	(Analysis not performed for this sample)		
TOTAL DISSOLVED SOLIDS (E160.1)	294	3.0	mg/l
CHLORIDE (E325.3)	16.5	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0573 continued on next page)

(results for BAFB-0573 continued)

Field No. : BAFB-0573
Laboratory No. : 23418-2
Field Replicate for BAFB-0572

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.19	0.050	mg/l
NITRATE + NITRITE (E353.3)	19.1	0.13	mg/l
SULFATE (E375.4)	10.5	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0050	0.0050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.3	1.00	
Magnesium	12.4	1.00	
Sodium	12.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	104	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	103	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0573 continued on next page)

(results for BAFB-0573 continued)

Field No. : BAFB-0573
Laboratory No. : 23418-2
Field Replicate

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
bis(2-Ethylhexyl)Phthalate	7 J	10	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	48	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0573)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0574
Laboratory No. : 23418-3
Equipment Wash Blank

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Tests performed on sample: BAFB-0574 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/16/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW9010	Cyanide	06/22/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/19/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	6.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.36	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0574 continued on next page)

(results for BAFB-0574 continued)

Field No. : BAFB-0574
Laboratory No. : 23418-3
Equipment Wash Blank

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Description	Value		Detection Limit	Units
CYANIDE (SW9010) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Chloroform	3	(2)	1	
Bromochloromethane (SS)	125		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	108		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	6	BJ	10	
bis(2-Ethylhexyl)Phthalate	26		10	
Nitrobenzene-d5 (SS)	64		N/A	
2-Fluorobiphenyl (SS)	64		N/A	
p-Terphenyl-d14 (SS)	110		N/A	
Phenol-d5 (SS)	61		N/A	
2-Fluorophenol (SS)	67		N/A	
2,4,6-Tribromophenol (SS)	150		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0574)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0575
Laboratory No. : 23418-4
Field Blank

Field Log No. : 2-C-1GW
Sampling Date : 06/05/89
Matrix : Water

Tests performed on sample: BAFB-0575 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	06/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/19/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Chloroform	3	(3)	1	
Bromochloromethane (SS)	118		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	6	(5)	1	
Trifluorotoluene (SS)	110		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0575)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0571
Laboratory No. : 23398-2
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 06/02/89
Matrix : Water

Tests performed on sample: BAFB-0571

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/02/89	wet	1.0	umhos/cm
E170.1	Temperature	06/02/89	wet	1.0	degrees c
E150.1	pH	06/02/89	wet	1.0	pH
SM403	Alkalinity - Total	06/02/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/02/89	wet	1.0	mg/l
SM403	Bicarbonate	06/02/89	wet	1.0	mg/l
SM403	Carbonate	06/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW9010	Cyanide	06/15/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	240	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.37	N/A	pH
ALKALINITY-TOTAL (SM403)	78.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	95.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	248	3.0	mg/l
CHLORIDE (E325.3)	19.9	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0571 continued on next page)

(results for BAFB-0571 continued)

Field No. : BAFB-0571
Laboratory No. : 23398-2
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.14		0.050	mg/l
NITRATE + NITRITE (E353.3)	21.0		0.13	mg/l
SULFATE (E375.4)	14.4		1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
CYANIDE (SW9010)	0.0400		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	20.1		1.00	
Magnesium	13.5		1.00	
Manganese	0.055		0.015	
Potassium	1.20		1.00	
Sodium	10.6		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	138		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(2)	1	
Trifluorotoluene (SS)	119		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0571 continued on next page)

(results for BAFB-0571 continued)

Field No. : BAFB-0571
Laboratory No. : 23398-2
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
bis(2-Ethylhexyl)Phthalate	5 J	10	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
p-Terphenyl-d14 (SS)	58	N/A	
Phenol-d5 (SS)	32	N/A	
2-Fluorophenol (SS)	19	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0571)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0589
Laboratory No. : 23486-1
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 06/12/89
Matrix : Water

Tests performed on sample: BAFB-0589 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/12/89	wet	1.0	umhos/cm
E170.1	Temperature	06/12/89	wet	1.0	degrees c
E150.1	pH	06/12/89	wet	1.0	pH
SM403	Alkalinity - Total	06/12/89	wet	1.0	mg/l
SM403	Alkalinity -Phenolphthalein	06/12/89	wet	1.0	mg/l
SM403	Bicarbonate	06/12/89	wet	1.0	mg/l
SM403	Carbonate	06/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
SW9010	Cyanide	06/23/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	330	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	6.91	N/A	pH
ALKALINITY-TOTAL (SM403)	72.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	88.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	277	3.0	mg/l
CHLORIDE (E325.3)	29.1	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0589 continued on next page)

(results for BAFB-0589 continued)

Field No. : BAFB-0589
Laboratory No. : 23486-1
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.14	0.050	mg/l
NITRATE + NITRITE (E353.3)	29.2	0.13	mg/l
SULFATE (E375.4)	48.7	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	28.0	1.00	
Magnesium	19.3	1.00	
Potassium	2.10	1.00	
Sodium	13.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	105	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	123	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0589 continued on next page)

(results for BAFB-0589 continued)

Field No. : BAFB-0589
Laboratory No. : 23486-1
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 06/12/89
Matrix : Water

Description	Value		Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Phenol	14		10	
N-Nitrosodiphenylamine (1)	7	BJ	10	
Di-n-Butylphthalate	3	BJ	10	
bis(2-Ethylhexyl)Phthalate	4	J	10	
Nitrobenzene-d5 (SS)	69		N/A	
2-Fluorobiphenyl (SS)	69		N/A	
p-Terphenyl-d14 (SS)	27		N/A	
Phenol-d5 (SS)	52		N/A	
2-Fluorophenol (SS)	45		N/A	
2,4,6-Tribromophenol (SS)	48		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0589)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0588
Laboratory No. : 23483-1
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 06/12/89
Matrix : Water

Tests performed on sample: BAFB-0588

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/12/89	wet	1.0	umhos/cm
E170.1	Temperature	06/12/89	wet	1.0	degrees c
E150.1	pH	06/12/89	wet	1.0	pH
SM403	Alkalinity - Total	06/12/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/12/89	wet	1.0	mg/l
SM403	Bicarbonate	06/12/89	wet	1.0	mg/l
SM403	Carbonate	06/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
SW9010	Cyanide	06/23/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	265	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.17	N/A	pH
ALKALINITY-TOTAL (SM403)	64.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	78.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	234	3.0	mg/l
CHLORIDE (E325.3)	19.9	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0588 continued on next page)

(results for BAFB-0588 continued)

Field No. : BAFB-0588
Laboratory No. : 23483-1
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.14	0.050	mg/l
NITRATE + NITRITE (E353.3)	29.2	0.13	mg/l
SULFATE (E375.4)	28.6	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010)	0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.8	1.00	
Magnesium	14.1	1.00	
Sodium	11.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	112	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	3	1	
Trifluorotoluene (SS)	103	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0588 continued on next page)

(results for BAFB-0588 continued)

Field No. : BAFB-0588
Laboratory No. : 23483-1
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Phenol	13	10	
N-Nitrosodiphenylamine (1)	7 J	10	
Di-n-Butylphthalate	3 J	10	
bis(2-Ethylhexyl)Phthalate	3 J	10	
Nitrobenzene-d5 (SS)	48	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
p-Terphenyl-d14 (SS)	48	N/A	
Phenol-d5 (SS)	61	N/A	
2-Fluorophenol (SS)	48	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0588)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0587
Laboratory No. : 23470-1
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 06/09/89
Matrix : Water

Tests performed on sample: BAFB-0587 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/09/89	wet	1.0	umhos/cm
E170.1	Temperature	06/09/89	wet	1.0	degrees c
E150.1	pH	06/09/89	wet	1.0	pH
SM403	Alkalinity - Total	06/09/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/09/89	wet	1.0	mg/l
SM403	Bicarbonate	06/09/89	wet	1.0	mg/l
SM403	Carbonate	06/09/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW9010	Cyanide	06/23/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/23/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/23/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	610	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	6.88	N/A	pH
ALKALINITY-TOTAL (SM403)	79.2	10.0	mg/l
ALKALINITY- PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	96.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	468	3.0	mg/l
CHLORIDE (E325.3)	66.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0587 continued on next page)

(results for BAFB-0587 continued)

Field No. : BAFB-0587
Laboratory No. : 23470-1
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 06/09/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.12		0.050	mg/l
NITRATE + NITRITE (E353.3)	19.6		0.13	mg/l
SULFATE (E375.4)	116		1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	51.8		1.00	
Magnesium	34.1		1.00	
Sodium	20.0		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	6	(1)	5	
Bromochloromethane (SS)	80		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	80		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0587 continued on next page)

(results for BAFB-0587 continued)

Field No. : BAFB-0587
Laboratory No. : 23470-1
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 06/09/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	11	10	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
p-Terphenyl-d14 (SS)	86	N/A	
Phenol-d5 (SS)	80	N/A	
2-Fluorophenol (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0587)

BEALE AFB SITE 2: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0594
Laboratory No. : 23501-1
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 06/13/89
Matrix : Water

Tests performed on sample: BAFB-0594

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/13/89	wet	1.0	umhos/cm
E170.1	Temperature	06/13/89	wet	1.0	degrees c
E150.1	pH	06/13/89	wet	1.0	pH
SM403	Alkalinity - Total	06/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/13/89	wet	1.0	mg/l
SM403	Bicarbonate	06/13/89	wet	1.0	mg/l
SM403	Carbonate	06/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/20/89	wet	1.0	mg/l
E325.3	Chloride	07/07/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/06/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	07/07/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
SW9010	Cyanide	06/27/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/29/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	268	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	6.93	N/A	pH
ALKALINITY-TOTAL (SM403)	88.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	107.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	263	3.0	mg/l
CHLORIDE (E325.3)	20.1	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0594 continued on next page)

(results for BAFB-0594 continued)

Field No. : BAFB-0594
Laboratory No. : 23501-1
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 06/13/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.14	0.10	mg/l
NITRATE + NITRITE (E353.3)	19.5	0.050	mg/l
SULFATE (E375.4)	15.7	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010)	0.0200	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	21.6	1.00	
Magnesium	14.7	1.00	
Potassium	1.60	1.00	
Sodium	12.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	117	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	38 (13)	1	
Trifluorotoluene (SS)	97	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0594 continued on next page)

(results for BAFB-0594 continued)

Field No. : BAFB-0594
Laboratory No. : 23501-1
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 06/13/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	2 J	10	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
p-Terphenyl-d14 (SS)	85	N/A	
Phenol-d5 (SS)	64	N/A	
2-Fluorophenol (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0594)

SITE 2

Water Data 3rd Round Sampling

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0647
Laboratory No. : 24337-2
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 09/15/89
Matrix : Water

Tests performed on sample: BAFB-0647 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/15/89	wet	1.0	umhos/cm
E170.1	Temperature	09/15/89	wet	1.0	degrees c
E150.1	pH	09/15/89	wet	1.0	pH
SM403	Alkalinity - Total	09/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/15/89	wet	1.0	mg/l
SM403	Bicarbonate	09/15/89	wet	1.0	mg/l
SM403	Carbonate	09/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/11/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	09/26/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	257	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.46	N/A	pH
ALKALINITY-TOTAL (SM403)	92.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	113.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	293	3.0	mg/l
CHLORIDE (E325.3)	16.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0647 continued on next page)

(results for BAFB-0647 continued)

Field No. : BAFB-0647
Laboratory No. : 24337-2
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 09/15/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.18	0.10	mg/l
NITRATE + NITRITE (E353.3)	20.1	0.13	mg/l
SULFATE (E375.4)	11.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.4	1.00	
Iron	0.351	0.100	
Magnesium	12.9	1.00	
Potassium	1.70	1.00	
Sodium	11.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	112	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	100	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0647 continued on next page)

(results for BAFB-0647 continued)

Field No. : BAFB-0647
Laboratory No. : 24337-2
Normal Environmental Sample

Field Log No. : 2-C-1GW
Sampling Date : 09/15/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)Phthalate	15	10	
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	99	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	87	N/A	
2,4,6-Tribromophenol (SS)	97	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0647)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0646
Laboratory No. : 24337-1
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 09/15/89
Matrix : Water

Tests performed on sample: BAFB-0646

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/15/89	wet	1.0	umhos/cm
E170.1	Temperature	09/15/89	wet	1.0	degrees c
E150.1	pH	09/15/89	wet	1.0	pH
SM403	Alkalinity - Total	09/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/15/89	wet	1.0	mg/l
SM403	Bicarbonate	09/15/89	wet	1.0	mg/l
SM403	Carbonate	09/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/11/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	09/26/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	228	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.28	N/A	pH
ALKALINITY-TOTAL (SM403)	76.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	93.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	267	3.0	mg/l
CHLORIDE (E325.3)	18.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0646 continued on next page)

(results for BAFB-0646 continued)

Field No. : BAFB-0646
Laboratory No. : 24337-1
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 09/15/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.14	0.10	mg/l
NITRATE + NITRITE (E353.3)	16.6	0.13	mg/l
SULFATE (E375.4)	15.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010)	0.0200	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	19.8	1.00	
Magnesium	12.6	1.00	
Manganese	0.090	0.015	
Potassium	1.30	1.00	
Sodium	9.24	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1*	1	
Trifluorotoluene (SS)	98	N/A	

* Second column confirmation not performed on this sample

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0646 continued on next page)

(results for BAFB-0646 continued)

Field No. : BAFB-0646
Laboratory No. : 24337-1
Normal Environmental Sample

Field Log No. : 2-A-1GW
Sampling Date : 09/15/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	62	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0646)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0648
Laboratory No. : 24337-3
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 09/15/89
Matrix : Water

Tests performed on sample: BAFB-0648 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/15/89	wet	1.0	umhos/cm
E170.1	Temperature	09/15/89	wet	1.0	degrees c
E150.1	pH	09/15/89	wet	1.0	pH
SM403	Alkalinity - Total	09/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/15/89	wet	1.0	mg/l
SM403	Bicarbonate	09/15/89	wet	1.0	mg/l
SM403	Carbonate	09/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/11/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	09/26/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/09/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	330	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.17	N/A	pH
ALKALINITY-TOTAL (SM403)	70.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	86.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	347	3.0	mg/l
CHLORIDE (E325.3)	26.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0648 continued on next page)

(results for BAFB-0648 continued)

Field No. : BAFB-0648
Laboratory No. : 24337-3
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 09/15/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.11	0.10	mg/l
NITRATE + NITRITE (E353.3)	28.8	0.13	mg/l
SULFATE (E375.4)	53.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	29.3	1.00	
Magnesium	19.1	1.00	
Potassium	1.10	1.00	
Sodium	12.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	111	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	100	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0648 continued on next page)

(results for BAFB-0648 continued)

Field No. : BAFB-0648
Laboratory No. : 24337-3
Normal Environmental Sample

Field Log No. : 2-R-1GW
Sampling Date : 09/15/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Phenol	22	10	
N-Nitrosodiphenylamine (1)	9 J	10	
bis(2-Ethylhexyl)Phthalate	22	10	
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
p-Terphenyl-d14 (SS)	86	N/A	
Phenol-d5 (SS)	93	N/A	
2-Fluorophenol (SS)	87	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0648)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0638
Laboratory No. : 24304-3
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 09/12/89
Matrix : Water

Tests performed on sample: BAFB-0638

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/12/89	wet	1.0	umhos/cm
E170.1	Temperature	09/12/89	wet	1.0	degrees c
E150.1	pH	09/12/89	wet	1.0	pH
SM403	Alkalinity - Total	09/12/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/12/89	wet	1.0	mg/l
SM403	Bicarbonate	09/12/89	wet	1.0	mg/l
SM403	Carbonate	09/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/19/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	09/26/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/02/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	267	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.36	N/A	pH
ALKALINITY-TOTAL (SM403)	59.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	72.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	284	3.0	mg/l
CHLORIDE (E325.3)	20.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0638 continued on next page)

(results for BAFB-0638 continued)

Field No. : BAFB-0638
Laboratory No. : 24304-3
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 09/12/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	25.4	0.13	mg/l
SULFATE (E375.4)	35.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	21.8	1.00	
Magnesium	14.6	1.00	
Sodium	11.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromchloromethane	141	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	95	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0638 continued on next page)

(results for BAFB-0638 continued)

Field No. : BAFB-0638
Laboratory No. : 24304-3
Normal Environmental Sample

Field Log No. : 2-R-2GW
Sampling Date : 09/12/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	81	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	52	N/A	
2-Fluorophenol (SS)	45	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0638)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0658
Laboratory No. : 24372-3
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 09/19/89
Matrix : Water

Tests performed on sample: BAFB-0658 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/19/89	wet	1.0	umhos/cm
E170.1	Temperature	09/19/89	wet	1.0	degrees c
E150.1	pH	09/19/89	wet	1.0	pH
SM403	Alkalinity - Total	09/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/19/89	wet	1.0	mg/l
SM403	Bicarbonate	09/19/89	wet	1.0	mg/l
SM403	Carbonate	09/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW9010	Cyanide	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/03/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/03/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/11/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	570	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.29	N/A	pH
ALKALINITY-TOTAL (SM403)	99.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	121.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	609	3.0	mg/l
CHLORIDE (E325.3)	69.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0658 continued on next page)

(results for BAFB-0658 continued)

Field No. : BAFB-0658
Laboratory No. : 24372-3
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	20.9	0.13	mg/l
SULFATE (E375.4)	123	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100	0.0100	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	59.9	1.00	
Magnesium	33.3	1.00	
Sodium	19.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	153	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	129	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0658 continued on next page)

(results for BAFB-0658 continued)

Field No. : BAFB-0658
Laboratory No. : 24372-3
Normal Environmental Sample

Field Log No. : 2-R-3GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	49	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0658)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0652
Laboratory No. : 24350-7
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Tests performed on sample: BAFB-0652 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/18/89	wet	1.0	umhos/cm
E170.1	Temperature	09/18/89	wet	1.0	degrees c
E150.1	pH	09/18/89	wet	1.0	pH
SM403	Alkalinity - Total	09/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/18/89	wet	1.0	mg/l
SM403	Bicarbonate	09/18/89	wet	1.0	mg/l
SM403	Carbonate	09/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/10/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	246	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.29	N/A	pH
ALKALINITY-TOTAL (SM403)	92.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	112.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	280	3.0	mg/l
CHLORIDE (E325.3)	20.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0652 continued on next page)

(results for BAFB-0652 continued)

Field No. : BAFB-0652
Laboratory No. : 24350-7
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.14	0.10	mg/l
NITRATE + NITRITE (E353.3)	19.9	0.13	mg/l
SULFATE (E375.4)	17.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.7	1.00	
Magnesium	13.0	1.00	
Potassium	1.30	1.00	
Sodium	11.6	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	87	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	101	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0652 continued on next page)

(results for BAFB-0652 continued)

Field No. : BAFB-0652
Laboratory No. : 24350-7
Normal Environmental Sample

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	28	10	
Nitrobenzene-d5 (SS)	96	N/A	
2-Fluorobiphenyl (SS)	97	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	86	N/A	
2-Fluorophenol (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0652)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0653
Laboratory No. : 24350-8
Field Replicate for BAFB-0652

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
Tests performed on sample: BAFB-0653					
E120.1	Specific Conductivity	09/18/89	wet	1.0	umhos/cm
E170.1	Temperature	09/18/89	wet	1.0	degrees c
E150.1	pH	09/18/89	wet	1.0	pH
SM403	Alkalinity - Total	09/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/18/89	wet	1.0	mg/l
SM403	Bicarbonate	09/18/89	wet	1.0	mg/l
SM403	Carbonate	09/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/10/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	246	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.29	N/A	pH
ALKALINITY-TOTAL (SM403)	82.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	100.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	277	3.0	mg/l
CHLORIDE (E325.3)	20.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0653 continued on next page)

(results for BAFB-0653 continued)

Field No. : BAFB-0653
Laboratory No. : 24350-8
Field Replicate for BAFB-0652

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.12	0.10	mg/l
NITRATE + NITRITE (E353.3)	20.2	0.13	mg/l
SULFATE (E375.4)	17.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	21.3	1.00	
Magnesium	13.6	1.00	
Potassium	1.20	1.00	
Sodium	11.6	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	94	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	98	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0653 continued on next page)

(results for BAFB-0653 continued)

Field No. : BAFB-0653
Laboratory No. : 24350-8
Field Replicate for BAFB-0652

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	99	N/A	
2-Fluorobiphenyl (SS)	96	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	84	N/A	
2-Fluorophenol (SS)	84	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0653)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0654
Laboratory No. : 24350-5
Equipment Wash Blank

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Tests performed on sample: BAFB-0654

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
SW9010	Cyanide	10/02/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/10/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	18.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3) (non-detect)	<0.050	0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0654 continued on next page)

(results for BAFB-0654 continued)

Field No. : BAFB-0654
Laboratory No. : 24350-5
Equipment Wash Blank

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Description	Value		Detection Limit	Units
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	13	(14)	5	
Bromochloromethane (SS)	116		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(2)	1	
Trifluorotoluene (SS)	115		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	5 J		10	
bis(2-Ethylhexyl)Phthalate	6 J		10	
Nitrobenzene-d5 (SS)	81		N/A	
2-Fluorobiphenyl (SS)	85		N/A	
p-Terphenyl-d14 (SS)	130		N/A	
Phenol-d5 (SS)	100		N/A	
2-Fluorophenol (SS)	100		N/A	
2,4,6-Tribromophenol (SS)	110		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0654)

BEALE AFB SITE 2: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0655
Laboratory No. : 24350-6
Field Blank

Field Log No. : 2-R-4GW
Sampling Date : 09/18/89
Matrix : Water

Tests performed on sample: BAFB-0655

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Methylene Chloride	4700 (1800)	5	
Bromochloromethane (SS)	(Results not reported for this sample)		
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0655)

SITE 2

Water Data 4th Round Sampling

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No. : BAFB-0711
Laboratory No. : 25000-3
Normal Environmental Sample

Location : 2-C-1GW
Sampling Date : 11/27/89
Matrix : Water

Tests performed on sample: BAFB-0711

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/27/89	wet	1.0	umhos/cm
E170.1	Temperature	11/27/89	wet	1.0	degrees c
E150.1	pH	11/27/89	wet	1.0	pH
SM403	Alkalinity - Total	11/27/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/27/89	wet	1.0	mg/l
SM403	Bicarbonate	11/27/89	wet	1.0	mg/l
SM403	Carbonate	11/27/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/04/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW9010	Cyanide	12/11/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/09/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/09/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	249	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.40	N/A	pH
ALKALINITY-TOTAL (SM403)	76.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	93.7	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0711 continued on next page)

(results for BAFB-0711 continued)

Field No. : BAFB-0711
Laboratory No. : 25000-3
Normal Environmental Sample

Location : 2-C-1GW
Sampling Date : 11/27/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	187	3.0	mg/l
CHLORIDE (E325.3)	16.9	1.0	mg/l
FLUORIDE (E340.2)	0.20	0.10	mg/l
NITRATE + NITRITE (E353.3)	21.0	0.13	mg/l
SULFATE (E375.4)	11.5	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	21.4	1.00	
Magnesium	12.8	1.00	
Potassium	1.17	1.00	
Sodium	12.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	144	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	118	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0711 continued on next page)

Field No. : BAFB-0711
Laboratory No. : 25000-3
Normal Environmental Sample

Location : 2-C-1GW
Sampling Date : 11/27/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	4 BJ	10	
N-Nitrosodiphenylamine (1)	9 BJ	10	
Di-n-Butylphthalate	9 BJ	10	
bis(2-Ethylhexyl)Phthalate	8 J	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	51	N/A	
2-Fluorophenol (SS)	40	N/A	
2,4,6-Tribromophenol (SS)	50	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0711)

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No. : BAFB-0710
Laboratory No. : 25000-2
Normal Environmental Sample

Location : 2-A-1GW
Sampling Date : 11/27/89
Matrix : Water

Tests performed on sample: BAFB-0710 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/27/89	wet	1.0	umhos/cm
E170.1	Temperature	11/27/89	wet	1.0	degrees c
E150.1	pH	11/27/89	wet	1.0	pH
SM403	Alkalinity - Total	11/27/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/27/89	wet	1.0	mg/l
SM403	Bicarbonate	11/27/89	wet	1.0	mg/l
SM403	Carbonate	11/27/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/04/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW9010	Cyanide	12/11/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/09/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/09/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	238	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.00	N/A	pH
ALKALINITY-TOTAL (SM403)	70.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0710 continued on next page)

(results for BAFB-0710 continued)

Field No. : BAFB-0710
Laboratory No. : 25000-2
Normal Environmental Sample

Location : 2-A-1GW
Sampling Date : 11/27/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	227	3.0	mg/l
CHLORIDE (E325.3)	22.4	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.10	mg/l
NITRATE + NITRITE (E353.3)	16.8	0.13	mg/l
SULFATE (E375.4)	24.2	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.2	1.00	
Magnesium	13.2	1.00	
Manganese	0.117	0.0150	
Sodium	10.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	132	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	114	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0710 continued on next page)

(results for BAFB-0710 continued)

Field No. : BAFB-0710
Laboratory No. : 25000-2
Normal Environmental Sample

Location : 2-A-1GW
Sampling Date : 11/27/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	7 BJ	10	
N-Nitrosodiphenylamine (1)	14 B	10	
Di-n-Butylphthalate	14 B	10	
Nitrobenzene-d5 (SS)	45	N/A	
2-Fluorobiphenyl (SS)	49	N/A	
p-Terphenyl-d14 (SS)	85	N/A	
Phenol-d5 (SS)	39	N/A	
2-Fluorophenol (SS)	33	N/A	
2,4,6-Tribromophenol (SS)	44	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0710)

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No. : BAFB-0722
Laboratory No. : 25059-1
Normal Environmental Sample

Location : 2-R-1GW
Sampling Date : 11/30/89
Matrix : Water

Tests performed on sample: BAFB-0722 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/30/89	wet	1.0	umhos/cm
E170.1	Temperature	11/30/89	wet	1.0	degrees c
E150.1	pH	11/30/89	wet	1.0	pH
SM403	Alkalinity - Total	11/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/30/89	wet	1.0	mg/l
SM403	Bicarbonate	11/30/89	wet	1.0	mg/l
SM403	Carbonate	11/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
SW9010	Cyanide	12/12/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	330	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.28	N/A	pH
ALKALINITY-TOTAL (SM403)	80.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	97.6	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0722 continued on next page)

(results for BAFB-0722 continued)

Field No. : BAFB-0722
Laboratory No. : 25059-1
Normal Environmental Sample

Location : 2-R-1GW
Sampling Date : 11/30/89
Matrix : Water

Description	Value	Detection Limit	Units
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	284	3.0	mg/l
CHLORIDE (E325.3)	26.6	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.10	mg/l
NITRATE + NITRITE (E353.3)	29.5	0.13	mg/l
SULFATE (E375.4)	49.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	30.8	1.00	
Magnesium	19.3	1.00	
Potassium	1.56	1.00	
Sodium	13.8	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB 0722 continued on next page)

(results for BAFB-0722 continued)

Field No. : BAFB-0722
Laboratory No. : 25059-1
Normal Environmental Sample

Location : 2-R-1GW
Sampling Date : 11/30/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	13	10	
Di-n-Butylphthalate	12 B	10	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	49	N/A	
2-Fluorophenol (SS)	49	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0722)

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No. : BAFB-0723
Laboratory No. : 25059-2
Normal Environmental Sample

Location : 2-R-2GW
Sampling Date : 11/30/89
Matrix: Water

Tests performed on sample: BAFB-0723 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/30/89	wet	1.0	umhos/cm
E170.1	Temperature	11/30/89	wet	1.0	degrees c
E150.1	pH	11/30/89	wet	1.0	pH
SM403	Alkalinity - Total	11/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/30/89	wet	1.0	mg/l
SM403	Bicarbonate	11/30/89	wet	1.0	mg/l
SM403	Carbonate	11/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
SW9010	Cyanide	12/12/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.30	N/A	pH
ALKALINITY-TOTAL (SM403)	73.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0723 continued on next page)

(results for BAFB-0723 continued)

Field No. : BAFB-0723
Laboratory No. : 25059-2
Normal Environmental Sample

Location : 2-R-2GW
Sampling Date : 11/30/89
Matrix : Water

Description	Value	Detection Limit	Units
BICARBONATE (SM403)	89.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	243	3.0	mg/l
CHLORIDE (E325.3)	20.3	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l
NITRATE + NITRITE (E353.3)	26.9	0.13	mg/l
SULFATE (E375.4)	33.2	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.6	1.00	
Magnesium	14.7	1.00	
Sodium	11.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	107	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0723 continued on next page)

(results for BAFB-0723 continued)

Field No. : BAFB-0723
Laboratory No. : 25059-2
Normal Environmental Sample

Location : 2-R-2GW
Sampling Date : 11/30/89
Matrix : Water

Description	Value		Detection Limit	Units
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	97		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	11		10	
Di-n-Butylphthalate	9	BJ	10	
bis(2-Ethylhexyl)Phthalate	28		10	
Nitrobenzene-d5 (SS)	99		N/A	
2-Fluorobiphenyl (SS)	100		N/A	
p-Terphenyl-d14 (SS)	140		N/A	
Phenol-d5 (SS)	49		N/A	
2-Fluorophenol (SS)	53		N/A	
2,4,6-Tribromophenol (SS)	66		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0723)

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No. : BAFB-0724
Laboratory No. : 25059-3
Normal Environmental Sample

Location : 2-R-3GW
Sampling Date : 11/30/89
Matrix : Water

Tests performed on sample: BAFB-0724

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/30/89	wet	1.0	umhos/cm
E170.1	Temperature	11/30/89	wet	1.0	degrees c
E150.1	pH	11/30/89	wet	1.0	pH
SM403	Alkalinity - Total	11/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/30/89	wet	1.0	mg/l
SM403	Bicarbonate	11/30/89	wet	1.0	mg/l
SM403	Carbonate	11/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
SW9010	Cyanide	12/12/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	60	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.24	N/A	pH
ALKALINITY-TOTAL (SM403)	100.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	122.5	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0724 continued on next page)

(results for BAFB-0724 continued)

Field No. : BAFB-0724
Laboratory No. : 25059-3
Normal Environmental Sample

Location : 2-R-3GW
Sampling Date : 11/30/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	474	3.0	mg/l
CHLORIDE (E325.3)	67.3	1.0	mg/l
FLUORIDE (E340.2)	0.14	0.10	mg/l
NITRATE + NITRITE (E353.3)	20.0	0.13	mg/l
SULFATE (E375.4)	143	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	58.0	1.00	
Magnesium	31.7	1.00	
Sodium	18.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	101	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	95	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0724 continued on next page)

(results for BAFB-0724 continued)

Field No. : BAFB-0724
Laboratory No. : 25059-3
Normal Environmental Sample

Location : 2-R-3GW
Sampling Date : 11/30/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	8 J	10	
Di-n-Butylphthalate	9 BJ	10	
Nitrobenzene-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	44	N/A	
p-Terphenyl-d14 (SS)	59	N/A	
Phenol-d5 (SS)	73	N/A	
2-Fluorophenol (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0724)

BEALE AFB SITE 2: Water Data 4th Round Sampling 1989

Field No. : BAFB-0712
Laboratory No. : 25010-1
Normal Environmental Sample

Location : 2-R-4GW
Sampling Date : 11/28/89
Matrix : Water

Tests performed on sample: BAFB-0712

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/28/89	wet	1.0	umhos/cm
E170.1	Temperature	11/28/89	wet	1.0	degrees c
E150.1	pH	11/28/89	wet	1.0	pH
SM403	Alkalinity - Total	11/28/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/28/89	wet	1.0	mg/l
SM403	Bicarbonate	11/28/89	wet	1.0	mg/l
SM403	Carbonate	11/28/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/04/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW9010	Cyanide	12/11/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.35	N/A	pH
ALKALINITY-TOTAL (SM403)	80.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	97.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0712 continued on next page)

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(results for BAFB-0712 continued)

Field No. : BAFB-0712
Laboratory No. : 25010-1
Normal Environmental Sample

Location : 2-R-4GW
Sampling Date : 11/28/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	288	3.0	mg/l
CHLORIDE (E325.3)	20.4	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l
NITRATE + NITRITE (E353.3)	20.5	0.13	mg/l
SULFATE (E375.4)	24.5	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
CYANIDE (SW9010) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.4	1.00	
Magnesium	13.2	1.00	
Sodium	12.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	90	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0712 continued on next page)

(results for BAFB-0712 continued)

Field No. : BAFB-0712
Laboratory No. : 25010-1
Normal Environmental Sample

Location : 2-R-4GW
Sampling Date : 11/28/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	7 BJ	10	
N-Nitrosodiphenylamine (1)	14 B	10	
Di-n-Butylphthalate	15 B	10	
Nitrobenzene-d5 (SS)	37	N/A	
2-Fluorobiphenyl (SS)	47	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	39	N/A	
2-Fluorophenol (SS)	32	N/A	
2,4,6-Tribromophenol (SS)	30	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0712)

SITE 3

Soil Analyses

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0073
Laboratory No. : 21676-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0073

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW1010	Ignitability	12/06/88	dry	1.0	Y/N
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	30.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.086	0.086	mg/kg
TFH-DIESEL (TFH-DIESEL)	34	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<290	290	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16700	28.6	
Barium	275	14.3	
Calcium	3760	143	
Chromium	45.9	4.3	
Cobalt	17.2	5.7	
Copper	55.2	4.3	
Iron	24300	14.3	
Lead	67.5	28.6	
Magnesium	4150	143	
Manganese	412	2.1	
Nickel	20.0	5.7	
Potassium	1270	286	
Sodium	280	143	
Vanadium	64.4	5.7	
Zinc	132 B	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0073 continued on next page)

(results for BAFB-0073 continued)

Field No. : BAFB-0073
Laboratory No. : 21676-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032	0.005	
Acetone	0.096 B	0.010	
Toluene	0.068 B	0.005	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.9 B	0.94	
bis(2-Ethylhexyl)Phthalate	1.4	0.94	
2-Fluorophenol (SS)	77	N/A	
Phenol-d5 (SS)	101	N/A	
Nitrobenzene-d5 (SS)	90	N/A	
2-Fluorobiphenyl (SS)	95	N/A	
2,4,6-Tribromophenol (SS)	96	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0073)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0074
Laboratory No. : 21676-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0074

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW1010	Ignitability	12/06/88	dry	1.0	Y/N
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	28.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.084	0.084	mg/kg
TFH-DIESEL (TFH-DIESEL)	98	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<70	70	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11700	27.9	
Barium	207	14.0	
Calcium	3590	140	
Chromium	31.6	4.2	
Cobalt	16.8	5.6	
Copper	57.5	4.2	
Iron	17600	14.0	
Lead	67.7	27.9	
Magnesium	4500	140	
Manganese	517	2.1	
Nickel	19.6	5.6	
Potassium	1060	279	
Sodium	251	140	
Vanadium	41.9	5.6	
Zinc	84.8 B	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0074 continued on next page)

(results for BAFB-0074 continued)

Field No. : BAFB-0074
Laboratory No. : 21676-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.005	
Toluene	0.003 BJ	0.005	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.9 B	0.46	
Di-n-Butylphthalate	0.59	0.46	
bis(2-Ethylhexyl)Phthalate	1.4	0.46	
2-Fluorophenol (SS)	80	N/A	
Phenol-d5 (SS)	104	N/A	
Nitrobenzene-d5 (SS)	95	N/A	
2-Fluorobiphenyl (SS)	97	N/A	
2,4,6-Tribromophenol (SS)	96	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0074)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0075
Laboratory No. : 21676-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0075

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW1010	Ignitability	12/06/88	dry	1.0	Y/N
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	32.2	N/A	%
IGNITABILITY (SW1010)	NC	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.088	0.088	mg/kg
TFH-DIESEL (TFH-DIESEL)	320	1.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<74	74	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16400	29.5	
Barium	224	14.7	
Beryllium	0.74	0.74	
Calcium	4100	147	
Chromium	38.1	4.4	
Cobalt	14.7	5.9	
Copper	65.2	4.4	
Iron	24600	14.7	
Lead	88.6	29.5	
Magnesium	4790	147	
Manganese	450	2.2	
Nickel	22.1	5.9	
Potassium	1470	295	
Sodium	358	147	
Vanadium	52.5	5.9	
Zinc	110 B	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0075 continued on next page)

(results for BAFB-0075 continued)

Field No. : BAFB-0075
Laboratory No. : 21676-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006 B	0.005	
Xylenes (total)	0.007	0.005	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.8 B	0.97	
bis(2-Ethylhexyl)Phthalate	1.6	0.97	
2-Fluorophenol (SS)	66	N/A	
Phenol-d5 (SS)	93	N/A	
Nitrobenzene-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
2,4,6-Tribromophenol (SS)	99	N/A	
p-Terphenyl-d14 (SS)	82	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0C75)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0214
Laboratory No. : 21831-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0214

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/31/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9500	22.4	
Barium	142	11.2	
Calcium	2840	112	
Chromium	23.9	3.4	
Cobalt	16.8	4.5	
Copper	32.1	3.4	
Iron	19700	11.2	
Lead	24.2	22.4	
Magnesium	3930	112	
Manganese	527	1.7	
Nickel	16.8	4.5	
Potassium	660	224	
Sodium	132	112	
Thallium	55.9	55.9	
Vanadium	57.4	4.5	
Zinc	58.8	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0214 continued on next page)

(results for BAFB-0214 continued)

Field No. : BAFB-0214
Laboratory No. : 21831-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.027	0.006	
Toluene	0.031	0.006	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.37	
Nitrobenzene-d5 (SS)	85	N/A	
2-Fluorophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0214)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0215
Laboratory No. : 21831-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0215 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/31/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.2	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17500	25.4	
Barium	280	12.7	
Calcium	5140	127	
Chromium	38.5	3.8	
Cobalt	17.8	5.1	
Copper	26.8	3.8	
Iron	23600	12.7	
Magnesium	6470	127	
Manganese	1320	1.9	
Nickel	33.6	5.1	
Potassium	635	254	
Sodium	371	127	
Vanadium	50.8	5.1	
Zinc	43.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0215 continued on next page)

(results for BAFB-0215 continued)

Field No. : BAFB-0215
Laboratory No. : 21831-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.031	0.006	
Toluene	0.040	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	105	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.42	
Di-n-Butylphthalate	1.2	0.42	
bis(2-Ethylhexyl)Phthalate	0.15 J	0.42	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorophenol (SS)	76	N/A	
p-Terphenyl-d14 (SS)	84	N/A	
Phenol-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0215)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0217
Laboratory No. : 21831-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0217 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18500	25.5	
Barium	210	12.8	
Calcium	3970	128	
Chromium	27.8	3.8	
Cobalt	14.0	5.1	
Copper	38.3	3.8	
Iron	22100	12.8	
Magnesium	6280	128	
Manganese	621	1.9	
Nickel	33.0	5.1	
Potassium	1220	255	
Sodium	422	128	
Vanadium	41.1	5.1	
Zinc	63.6	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0217 continued on next page)

(results for BAFB-0217 continued)

Field No. : BAFB-0217
Laboratory No. : 21831-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.036	0.005	
Acetone	0.008 B	0.005	
Toluene	0.011	0.005	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.42	
Di-n-Butylphthalate	0.87	0.42	
bis(2-Ethylhexyl)Phthalate	0.23 J	0.42	
2-Fluorophenol (SS)	52	N/A	
Phenol-d5 (SS)	75	N/A	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0217)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0218
Laboratory No. : 21831-5
Sample Depth : 21.50 - 23.00 ft. BGS
Field Replicate for BAFB-0217

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0218

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<65	65	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15800	26.0	
Barium	173	13.0	
Calcium	3970	130	
Chromium	20.8	3.9	
Cobalt	16.4	5.2	
Copper	31.9	3.9	
Iron	21800	13.0	
Magnesium	3950	130	
Manganese	745	1.9	
Nickel	26.0	5.2	
Potassium	1000	260	
Sodium	526	130	
Vanadium	53.8	5.2	
Zinc	54.2	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0218 continued on next page)

(results for BAFB-0218 continued)

Field No. : BAFB-0218
Laboratory No. : 21831-5
Sample Depth : 21.50 - 23.00 ft. BGS
Field Replicate for BAFB-0217

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.030	0.006	
Acetone	0.008 B	0.006	
Toluene	0.002 J	0.006	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.43	
Di-n-Butylphthalate	0.82	0.43	
2-Fluorophenol (SS)	48	N/A	
Phenol-d5 (SS)	69	N/A	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0218)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0219
Laboratory No. : 21831-6
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0219 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.079	0.079	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<66	66	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14900	26.5	
Barium	183	13.2	
Calcium	4990	132	
Chromium	11.2	4.0	
Cobalt	7.7	5.3	
Copper	18.5	4.0	
Iron	19200	13.2	
Magnesium	4400	132	
Manganese	522	2.0	
Nickel	10.1	5.3	
Potassium	833	265	
Sodium	698	132	
Vanadium	34.5	5.3	
Zinc	32.8	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0219 continued on next page)

(results for BAFB-0219 continued)

Field No. : BAFB-0219
Laboratory No. : 21831-6
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.058	0.006	
Acetone	0.009 B	0.006	
Toluene	0.006	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.44	
Di-n-Butylphthalate	0.70	0.44	
2-Fluorophenol (SS)	43	N/A	
Phenol-d5 (SS)	64	N/A	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	66	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0219)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0220
Laboratory No. : 21831-7
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0220

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16400	25.0	
Barium	179	12.5	
Calcium	4430	125	
Chromium	15.0	3.8	
Cobalt	10.4	5.0	
Copper	22.5	3.8	
Iron	15500	12.5	
Magnesium	5290	125	
Manganese	541	1.9	
Nickel	11.8	5.0	
Potassium	1380	250	
Sodium	408	125	
Vanadium	23.8	5.0	
Zinc	38.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0220 continued on next page)

(results for BAFB-0220 continued)

Field No. : BAFB-0220
Laboratory No. : 21831-7
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.039	0.006	
Acetone	0.009 B	0.006	
Toluene	0.022	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.41	
Di-n-Butylphthalate	0.69	0.41	
2-Fluorophenol (SS)	54	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0220)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0221
Laboratory No. : 21831-8
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0221 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	9.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.066	0.066	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<55	55	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8260	22.0	
Barium	124	11.0	
Calcium	3270	110	
Chromium	8.1	3.3	
Cobalt	5.0	4.4	
Copper	15.4	3.3	
Iron	13100	11.0	
Magnesium	2430	110	
Manganese	483	1.7	
Nickel	8.0	4.4	
Potassium	803	220	
Sodium	441	110	
Vanadium	29.6	4.4	
Zinc	32.1	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0221 continued on next page)

(results for BAFB-0221 continued)

Field No. : BAFB-0221
Laboratory No. : 21831-8
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-1SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026	0.005	
Acetone	0.008 B	0.005	
Toluene	0.001 J	0.005	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	0.36	
Di-n-Butylphthalate	0.66	0.36	
2-Fluorophenol (SS)	52	N/A	
Phenol-d5 (SS)	77	N/A	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	105	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0221)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0222
Laboratory No. : 21832-4
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0222 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/24/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/31/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	7.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.097	0.065	mg/kg
TFH-DIESEL (TFH-DIESEL)	170	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<54	54	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5790	21.6	
Barium	80.6	10.8	
Calcium	3570	108	
Chromium	20.5	3.2	
Cobalt	10.8	4.3	
Copper	24.3	3.2	
Iron	14000	10.8	
Magnesium	2760	108	
Manganese	522	1.6	
Nickel	28.3	4.3	
Potassium	508	216	
Sodium	162	108	
Vanadium	50.5	4.3	
Zinc	42.8	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0222 continued on next page)

(results for BAFB-0222 continued)

Field No. : BAFB-0222
Laboratory No. : 21832-4
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.078	0.027	
Acetone	0.12	0.027	
Toluene	0.074	0.027	
Ethylbenzene	0.022 J	0.027	
Xylenes (total)	0.14	0.027	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	105	N/A	
1,4-Bromofluorobenzene (SS)	85	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	1.8	
4-Methylphenol	1.3 J	1.8	
Nitrobenzene-d5 (SS)	96	N/A	
2-Fluorophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	89	N/A	
2-Fluorobiphenyl (SS)	96	N/A	
2,4,6-Tribromophenol (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0222)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0223
Laboratory No. : 21832-5
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0223 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/24/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/23/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	6.0	mg/kg
SW8270	Semi-Volatile Organics	01/24/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL)	490	1.2	mg/kg
TFH-GAS (TFH-GAS)	420	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9250	24.1	
Barium	484	12.0	
Beryllium	0.60	0.60	
Calcium	4060	120	
Chromium	30.1	3.6	
Cobalt	26.1	4.8	
Copper	26.5	3.6	
Iron	20000	12.0	
Magnesium	4550	120	
Manganese	1770	1.8	
Nickel	24.2	4.8	
Potassium	422	241	
Sodium	360	120	
Vanadium	61.1	4.8	
Zinc	35.9	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0223 continued on next page)

(results for BAFB-0223 continued)

Field No. : BAFB-0223
Laboratory No. : 21832-5
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.089	0.030	
Acetone	0.28	0.030	
Toluene	0.057	0.030	
Xylenes (total)	0.051	0.030	
1,2-Dichloroethane-d4 (SS)	102	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.40	
2-Fluorophenol (SS)	63	N/A	
Phenol-d5 (SS)	84	N/A	
Nitrobenzene-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0223)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0224
Laboratory No. : 21832-6
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0224		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/24/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/23/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	50.0	mg/kg
SW8270	Semi-Volatile Organics	01/31/89	dry	10.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL)	23000	1.2	mg/kg
TFH-GAS (TFH-GAS)	1600	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15500	24.4	
Barium	178	12.2	
Calcium	4640	122	
Chromium	33.2	3.7	
Cobalt	13.4	4.9	
Copper	35.7	3.7	
Iron	25200	12.2	
Magnesium	5030	122	
Manganese	441	1.8	
Nickel	29.3	4.9	
Potassium	611	244	
Sodium	611	122	
Vanadium	41.3	4.9	
Zinc	50.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0224 continued on next page)

(results for BAFB-0224 continued)

Field No. : BAFB-0224
Laboratory No. : 21832-6
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.81	0.31	
1,2-Dichloroethene (total)	0.069 J	0.31	
Trichloroethene	1.2	0.31	
Benzene	0.19 J	0.31	
Ethylbenzene	0.39	0.31	
Xylenes (total)	2.7	0.31	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	91	N/A	
1,4-Bromofluorobenzene (SS)	109	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Methylnaphthalene	6.8	4.0	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	42	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	44	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0224)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0225
Laboratory No. : 21846-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0225

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/31/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8420	23.0	
Barium	87.9	11.5	
Calcium	3300	115	
Chromium	16.1	3.5	
Cobalt	9.1	4.6	
Copper	29.2	3.5	
Iron	16800	11.5	
Magnesium	2570	115	
Manganese	354	1.7	
Nickel	13.8	4.6	
Potassium	437	230	
Sodium	442	115	
Thallium	94.9	57.5	
Vanadium	45.6	4.6	
Zinc	41.0	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0225 continued on next page)

(results for BAFB-0225 continued)

Field No. : BAFB-0225
Laboratory No. : 21846-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006	0.006	
Acetone	0.15	0.006	
Toluene	0.008	0.006	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.4 B	0.38	
Di-n-Butylphthalate	0.54	0.38	
bis(2-Ethylhexyl)Phthalate	0.078 J	0.38	
Nitrobenzene-d5 (SS)	57	N/A	
2-Fluorophenol (SS)	35	N/A	
p-Terphenyl-d14 (SS)	58	N/A	
Phenol-d5 (SS)	54	N/A	
2-Fluorobiphenyl (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0225)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0260
Laboratory No. : 21846-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0260

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/31/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10200	24.0	
Barium	109	12.0	
Calcium	3260	120	
Chromium	26.7	3.6	
Cobalt	8.9	4.8	
Copper	21.6	3.6	
Iron	23600	12.0	
Magnesium	3270	120	
Manganese	361	1.8	
Nickel	14.4	4.8	
Potassium	625	240	
Sodium	338	120	
Vanadium	46.4	4.8	
Zinc	43.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0260 continued on next page)

(results for BAFB-0260 continued)

Field No. : BAFB-0260
Laboratory No. : 21846-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009	0.006	
Acetone	0.042	0.006	
1,2-Dichloroethene (total)	0.006	0.006	
Toluene	0.055	0.006	
1,2-Dichloroethane-d4 (SS)	101	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.40	
Di-n-Butylphthalate	0.70 B	0.40	
bis(2-Ethylhexyl)Phthalate	0.070 BJ	0.40	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorophenol (SS)	51	N/A	
p-Terphenyl-d14 (SS)	65	N/A	
Phenol-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0260)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0261
Laboratory No. : 21847-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0261		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8240	Semi-Volatile Organics	Resampled	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.58	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL)	29	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14100	23.1	
Barium	348	11.6	
Cadmium	4.5	1.2	
Calcium	3850	116	
Chromium	61.1	3.5	
Cobalt	10.3	4.6	
Copper	125	3.5	
Iron	19200	11.6	
Lead	534	23.1	
Magnesium	2720	116	
Manganese	285	1.7	
Nickel	19.7	4.6	
Potassium	648	231	
Silver	4.7	3.5	
Sodium	293	116	
Vanadium	47.9	4.6	
Zinc	25.0	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0261 continued on next page)

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(results for BAFB-0261 continued)

Field No. : BAFB-0261
Laboratory No. : 21847-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.058	0.012	
1,2-Dichloroethene (total)	0.021	0.006	
2-Butanone	0.008 J	0.012	
Trichloroethene	0.052	0.006	
Benzene	0.017	0.006	
Tetrachloroethene	0.003 J	0.006	
Toluene	0.76	0.006	
Ethylbenzene	0.044	0.006	
Xylenes (total)	0.32	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0544)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0261)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0544
Laboratory No. : 23115-5
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 3-C-3SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0544 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	05/22/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodiphenylamine (1)	0.027 J	0.33	
2-Fluorophenol (SS)	73	N/A	
Phenol-d5 (SS)	83	N/A	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	42	N/A	
p-Terphenyl-d14 (SS)	72	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0544)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0262
Laboratory No. : 21847-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0262

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/01/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL)	3500	1.2	mg/kg
TFH-GAS (TFH-GAS)	4300	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13800	24.4	
Barium	444	12.2	
Calcium	5020	122	
Chromium	44.9	3.7	
Cobalt	28.8	4.9	
Copper	35.9	3.7	
Iron	24000	12.2	
Magnesium	5620	122	
Manganese	1540	1.8	
Nickel	29.8	4.9	
Potassium	378	244	
Sodium	470	122	
Vanadium	57.8	4.9	
Zinc	46.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0262 continued on next page)

(results for BAFB-0262 continued)

Field No. : BAFB-0262
Laboratory No. : 21847-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	1.3 J	1.6	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.40	
Di-n-Butylphthalate	0.94 B	0.40	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	42	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0262)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0263
Laboratory No. : 21847-4
Sample Depth : 6.50 - 8.00 ft. BGS
Field Replicate for BAFB-0262

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0263

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/01/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL)	2500	1.3	mg/kg
TFH-GAS (TFH-GAS)	5100	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15800	25.9	
Barium	282	13.0	
Beryllium	0.65	0.65	
Calcium	4950	130	
Chromium	38.5	3.9	
Cobalt	10.0	5.2	
Copper	39.1	3.9	
Iron	21900	13.0	
Magnesium	6100	130	
Manganese	665	1.9	
Nickel	30.7	5.2	
Potassium	479	259	
Sodium	477	130	
Vanadium	40.5	5.2	
Zinc	49.0	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0263 continued on next page)

(results for BAFB-0263 continued)

Field No. : BAFB-0263
Laboratory No. : 21847-4
Sample Depth : 6.50 - 8.00 ft. BGS
Field Replicate for BAFB-0262

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	1.6 J	1.7	
2-Butanone	1.0 J	1.7	
Toluene	0.83	0.82	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	1.3 BJ	2.2	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorophenol (SS)	35	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0263)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0264
Laboratory No. : 21847-5
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0264

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/01/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.11	0.077	mg/kg
TFH-DIESEL (TFH-DIESEL)	54	1.3	mg/kg
TFH-GAS (TFH-GAS)	770	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19400	25.5	
Barium	250	12.8	
Calcium	5190	128	
Chromium	38.5	3.8	
Cobalt	16.6	5.1	
Copper	45.8	3.8	
Iron	28100	12.8	
Magnesium	6100	128	
Manganese	653	1.9	
Nickel	33.7	5.1	
Potassium	906	255	
Sodium	563	128	
Vanadium	57.3	5.1	
Zinc	67.0	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0264 continued on next page)

(results for BAFB-0264 continued)

Field No. : BAFB-0264
Laboratory No. : 21847-5
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	1.7	1.7	
2-Butanone	0.89 J	1.7	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.42	
Di-n-Butylphthalate	0.27 BJ	0.42	
bis(2-Ethylhexyl)Phthalate	0.26 BJ	0.42	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorophenol (SS)	46	N/A	
p-Terphenyl-d14 (SS)	69	N/A	
Phenol-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0264)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0265
Laboratory No. : 21847-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0265

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/01/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.11	0.080	mg/kg
TFH-DIESEL (TFH-DIESEL)	3300	1.3	mg/kg
TFH-GAS (TFH-GAS)	4900	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16800	26.7	
Barium	157	13.3	
Calcium	4920	133	
Chromium	26.7	4.0	
Cobalt	14.7	5.3	
Copper	39.7	4.0	
Iron	25900	13.3	
Magnesium	5650	133	
Manganese	500	2.0	
Nickel	26.7	5.3	
Potassium	1150	267	
Sodium	491	133	
Thallium	80.8	66.7	
Vanadium	56.8	5.3	
Zinc	64.5	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0265 continued on next page)

(results for BAFB-0265 continued)

Field No. : BAFB-0265
Laboratory No. : 21847-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.43 J	0.84	
Acetone	1.9	1.7	
2-Butanone	0.97 J	1.7	
Toluene	1.6	0.84	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 B	0.88	
Di-n-Butylphthalate	1.2 B	0.88	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorophenol (SS)	34	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
Phenol-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0265)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0266
Laboratory No. : 21847-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0266

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/22/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	02/01/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.11	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL)	240	1.3	mg/kg
TFH-GAS (TFH-GAS)	1800	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16700	25.3	
Barium	152	12.7	
Beryllium	0.63	0.63	
Calcium	4560	127	
Chromium	33.5	3.8	
Cobalt	12.0	5.1	
Copper	34.5	3.8	
Iron	26100	12.7	
Magnesium	4820	127	
Manganese	483	1.9	
Nickel	20.3	5.1	
Potassium	101	253	
Sodium	426	127	
Vanadium	47.5	5.1	
Zinc	62.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0266 continued on next page)

(results for BAFB-0266 continued)

Field No. : BAFB-0266
Laboratory No. : 21847-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-3SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028 BJ	0.032	
Acetone	0.12 B	0.063	
2-Butanone	0.042 J	0.063	
Toluene	0.027 J	0.032	
1,2-Dichloroethane-d4 (SS)	105	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 B	0.42	
Di-n-Butylphthalate	0.34 BJ	0.42	
bis(2-Ethylhexyl)Phthalate	0.12 BJ	0.42	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorophenol (SS)	44	N/A	
p-Terphenyl-d14 (SS)	73	N/A	
Phenol-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0266)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0267
Laboratory No. : 21848-8
Sample Depth : 0.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0267

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.2	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.14	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL)	3800	1.2	mg/kg
TFH-GAS (TFH-GAS)	1700	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7820	23.0	
Barium	129	11.5	
Calcium	2790	115	
Chromium	19.6	3.5	
Cobalt	9.6	4.6	
Copper	30.3	3.5	
Iron	14100	11.5	
Magnesium	3200	115	
Manganese	289	1.7	
Nickel	20.7	4.6	
Potassium	369	230	
Sodium	191	115	
Vanadium	37.2	4.6	
Zinc	46.5	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0267 continued on next page)

(results for BAFB-0267 continued)

Field No. : BAFB-0267
Laboratory No. : 21848-8
Sample Depth : 0.50 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.3 B	0.60	
Acetone	0.48 J	0.60	
Xylenes (total)	3.8	0.60	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	119	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	2.0	
Di-n-Butylphthalate	1.3 BJ	2.0	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	86	N/A	
Phenol-d5 (SS)	92	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0267)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0268
Laboratory No. : 21859-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0268

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.085	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL)	1800	1.2	mg/kg
TFH-GAS (TFH-GAS)	240	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13200	24.4	
Barium	261	12.2	
Calcium	3990	122	
Chromium	44.6	3.7	
Cobalt	17.1	4.9	
Copper	36.5	3.7	
Iron	25200	12.2	
Magnesium	5740	122	
Manganese	837	1.8	
Nickel	34.6	4.9	
Potassium	878	244	
Sodium	273	122	
Vanadium	62.6	4.9	
Zinc	55.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0268 continued on next page)

(results for BAFB-0268 continued)

Field No. : BAFB-0268
Laboratory No. : 21859-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.2 B	0.62	
Acetone	0.86	0.62	
Ethylbenzene	0.62	0.62	
Xylenes (total)	1.4	0.62	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	107	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.80	
2-Methylnaphthalene	0.63 J	0.80	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	84	N/A	
Phenol-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0268)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0269
Laboratory No. : 21859-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0269

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.2	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS)	47	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15600	25.4	
Barium	166	12.7	
Calcium	4150	127	
Chromium	27.4	3.8	
Cobalt	12.6	5.1	
Copper	45.9	3.8	
Iron	21800	12.7	
Magnesium	6220	127	
Manganese	383	1.9	
Nickel	22.8	5.1	
Potassium	1280	254	
Sodium	368	127	
Vanadium	38.5	5.1	
Zinc	71.1	2.5	

RESULTS FOR METALS AND ORGANICS RÉPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0269 continued on next page)

(results for BAFB-0269 continued)

Field No. : BAFB-0269
Laboratory No. : 21859-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.067 B	0.007	
Acetone	0.014	0.007	
2-Butanone	0.047	0.014	
Toluene	0.12	0.007	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.42	
Di-n-Butylphthalate	0.11 BJ	0.42	
bis(2-Ethylhexyl)Phthalate	0.41 BJ	0.42	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	82	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0269)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0270
Laboratory No. : 21859-4
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0270

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.2	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL)	11	1.3	mg/kg
TFH-GAS (TFH-GAS)	44	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9590	25.4	
Barium	120	12.7	
Calcium	3300	127	
Chromium	9.4	3.8	
Cobalt	7.0	5.1	
Copper	16.5	3.8	
Iron	12800	12.7	
Magnesium	3010	127	
Manganese	341	1.9	
Nickel	7.5	5.1	
Potassium	330	254	
Sodium	352	127	
Vanadium	30.5	5.1	
Zinc	27.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0270 continued on next page)

Field No. : BAFB-0270
Laboratory No. : 21859-4
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.8 B	0.65	
Acetone	0.39 J	0.65	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.39 BJ	0.42	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	91	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0270)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0271
Laboratory No. : 21859-5
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0271

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.080	0.080	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<27	27	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8240	26.8	
Barium	158	13.4	
Calcium	4100	134	
Chromium	4.7	4.0	
Cobalt	8.6	5.4	
Copper	16.1	4.0	
Iron	6100	13.4	
Magnesium	4170	134	
Manganese	362	2.0	
Nickel	7.5	5.4	
Potassium	1070	268	
Sodium	328	134	
Vanadium	11.5	5.4	
Zinc	36.3	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0271 continued on next page)

(results for BAFB-0271 continued)

Field No. : BAFB-0271
Laboratory No. : 21859-5
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.069 B	0.007	
Acetone	0.012	0.007	
Toluene	0.027	0.007	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.44	
bis(2-Ethylhexyl)Phthalate	0.31 BJ	0.44	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorophenol (SS)	57	N/A	
p-Terphenyl-d14 (SS)	86	N/A	
Phenol-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	62	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0271)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0272
Laboratory No. : 21859-6
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0272

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.2	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.068	0.068	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS)	38	23	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8490	22.8	
Barium	156	11.4	
Calcium	3670	114	
Chromium	8.2	3.4	
Cobalt	5.7	4.6	
Copper	25.3	3.4	
Iron	11100	11.4	
Magnesium	2680	114	
Manganese	539	1.7	
Nickel	8.2	4.6	
Potassium	854	228	
Sodium	391	114	
Vanadium	21.6	4.6	
Zinc	56.0	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0272 continued on next page)

(results for BAFB-0272 continued)

Field No. : BAFB-0272
Laboratory No. : 21859-6
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-4SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.045 B	0.005	
Acetone	0.006	0.005	
2-Butanone	0.010 J	0.011	
Toluene	0.004 J	0.005	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.38	
bis(2-Ethylhexyl)Phthalate	0.34 BJ	0.38	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	91	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0272)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0240
Laboratory No. : 21858-2
Sample Depth : 7.00 - 8.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0240		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.087	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL)	470	1.2	mg/kg
TFH-GAS (TFH-GAS)	190	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7810	24.7	
Barium	321	12.4	
Calcium	3780	124	
Chromium	26.0	3.7	
Cobalt	19.8	4.9	
Copper	33.4	3.7	
Iron	13800	12.4	
Magnesium	4510	124	
Manganese	628	1.9	
Nickel	22.2	4.9	
Potassium	383	247	
Sodium	566	124	
Vanadium	53.5	4.9	
Zinc	37.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0240 continued on next page)

(results for BAFB-0240 continued)

Field No. : BAFB-0240
Laboratory No. : 21858-2
Sample Depth : 7.00 - 8.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.7 B	0.63	
Acetone	1.2	0.63	
Xylenes (total)	1.8	0.63	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.41	
2-Methylnaphthalene	0.33 J	0.41	
bis(2-Ethylhexyl)Phthalate	0.35 BJ	0.41	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	66	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0240)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0241
Laboratory No. : 21858-3
Sample Depth : 12.00 - 13.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0241

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/31/88	dry	50.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.6	N/A	%
IGNITABILITY (SW1010) (non-detect)		N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15400	25.2	
Barium	241	12.6	
Calcium	5260	126	
Chromium	32.1	3.8	
Cobalt	15.1	5.0	
Copper	41.3	3.8	
Iron	25700	12.6	
Magnesium	5010	126	
Manganese	602	1.9	
Nickel	31.1	5.0	
Potassium	605	252	
Sodium	553	126	
Vanadium	55.0	5.0	
Zinc	47.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0241 continued on next page)

(results for BAFB-0241 continued)

Field No. : BAFB-0241
Laboratory No. : 21858-3
Sample Depth : 12.00 - 13.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.17 BJ	0.34	
Acetone	1.4	0.34	
4-Methyl-2-Pentanone	0.87	0.68	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.83	
bis(2-Ethylhexyl)Phthalate	0.30 BJ	0.83	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	89	N/A	
Phenol-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0241)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0242
Laboratory No. : 21858-4
Sample Depth : 17.00 - 18.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0242		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/18/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/31/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8760	23.4	
Barium	117	11.7	
Calcium	3350	117	
Chromium	18.7	3.5	
Cobalt	11.7	4.7	
Copper	28.4	3.5	
Iron	20900	11.7	
Magnesium	2940	117	
Manganese	606	1.8	
Nickel	18.7	4.7	
Potassium	479	234	
Sodium	436	117	
Vanadium	56.2	4.7	
Zinc	47.3	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0242 continued on next page)

(results for BAFB-0242 continued)

Field No. : BAFB-0242
Laboratory No. : 21858-4
Sample Depth : 17.00 - 18.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.22 B	0.027	
Acetone	1.0	0.027	
4-Methyl-2-Pentanone	0.54	0.053	
Toluene	0.008 J	0.027	
1,2-Dichloroethane-d4 (SS)	83	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.39	
bis(2-Ethylhexyl)Phthalate	0.26 BJ	0.39	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorophenol (SS)	78	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0242)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0243
Laboratory No. : 21858-5
Sample Depth : 27.00 - 28.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0243

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.085	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9240	24.4	
Barium	603	12.2	
Calcium	3860	122	
Chromium	23.2	3.7	
Cobalt	27.8	4.9	
Copper	18.3	3.7	
Iron	14500	12.2	
Magnesium	3550	122	
Manganese	1940	1.8	
Nickel	17.1	4.9	
Potassium	501	244	
Sodium	415	122	
Vanadium	49.3	4.9	
Zinc	32.8	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0243 continued on next page)

(results for BAFB-0243 continued)

Field No. : BAFB-0243
Laboratory No. : 21858-5
Sample Depth : 27.00 - 28.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.031 B	0.006	
1,2-Dichloroethene (total)	0.020	0.006	
Trichloroethene	0.017	0.006	
1,2-Dichloroethane-d4 (SS)	77	N/A	
Toluene-d8 (SS)	91	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.40	
bis(2-Ethylhexyl)Phthalate	0.33 BJ	0.40	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0243)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0244
Laboratory No. : 21858-6
Sample Depth : 37.00 - 38.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0244

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.088	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10300	25.2	
Barium	710	12.6	
Calcium	4860	126	
Chromium	16.4	3.8	
Cobalt	26.2	5.0	
Copper	25.2	3.8	
Iron	13600	12.6	
Magnesium	4690	126	
Manganese	2360	1.9	
Nickel	15.1	5.0	
Potassium	932	252	
Sodium	336	126	
Vanadium	51.0	5.0	
Zinc	33.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0244 continued on next page)

(results for BAFB-0244 continued)

Field No. : BAFB-0244
Laboratory No. : 21858-6
Sample Depth : 37.00 - 38.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026 B	0.006	
Acetone	0.016	0.006	
Tetrachloroethene	0.001 J	0.006	
1,2-Dichloroethane-d4 (SS)	84	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.42	
Nitrobenzene-d5 (SS)	86	N/A	
2-Fluorophenol (SS)	85	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0244)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0245
Laboratory No. : 21858-7
Sample Depth : 47.00 - 48.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0245

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9520	25.2	
Barium	346	12.6	
Calcium	4850	126	
Chromium	9.7	3.8	
Cobalt	10.2	5.0	
Copper	15.1	3.8	
Iron	6310	12.6	
Magnesium	4550	126	
Manganese	1010	1.9	
Nickel	9.3	5.0	
Potassium	1390	252	
Sodium	280	126	
Vanadium	17.7	5.0	
Zinc	24.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0245 continued on next page)

(results for BAFB-0245 continued)

Field No. : BAFB-0245
Laboratory No. : 21858-7
Sample Depth : 47.00 - 48.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-5SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.096 B	0.006	
1,2-Dichloroethene (total)	0.003 J	0.006	
Trichloroethene	0.005 J	0.006	
Toluene	0.020	0.006	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.35 BJ	0.42	
Nitrobenzene-d5 (SS)	85	N/A	
2-Fluorophenol (SS)	80	N/A	
p-Terphenyl-d14 (SS)	97	N/A	
Phenol-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0245)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0273
Laboratory No. : 21859-7
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0273

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/31/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.17	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<12	12	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20100	24.7	
Barium	351	12.4	
Beryllium	0.74	0.62	
Calcium	4150	124	
Chromium	34.1	3.7	
Cobalt	18.5	4.9	
Copper	52.4	3.7	
Iron	32000	12.4	
Magnesium	5500	124	
Manganese	937	1.9	
Nickel	39.8	4.9	
Potassium	618	247	
Sodium	409	124	
Vanadium	72.8	4.9	
Zinc	63.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0273 continued on next page)

(results for BAFB-0273 continued)

Field No. : BAFB-0273
Laboratory No. : 21859-7
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.056 B	0.005	
Acetone	0.007 B	0.005	
4-Methyl-2-Pentanone	0.003 J	0.010	
Toluene	0.460	0.005	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	127	N/A	
1,4-Bromofluorobenzene (SS)	79	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.6 B	0.41	
Phenanthrene	0.15 J	0.41	
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	87	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	91	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0273)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0274
Laboratory No. : 21860-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0274		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/01/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL)	970	1.2	mg/kg
TFH-GAS (TFH-GAS)	600	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16300	24.8	
Barium	336	12.4	
Calcium	4940	124	
Chromium	51.4	3.7	
Cobalt	19.9	5.0	
Copper	31.9	3.7	
Iron	23200	12.4	
Magnesium	5650	124	
Manganese	1220	1.9	
Nickel	31.5	5.0	
Potassium	757	248	
Sodium	270	124	
Vanadium	47.8	5.0	
Zinc	46.9	2.5	
VOLATILE ORGANICS (SW8240)			mg/kg
(non-detect)			

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0274 continued on next page)

(results for BAFB-0274 continued)

Field No. : BAFB-0274
Laboratory No. : 21860-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.0 B	0.61	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	108	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.5 B	0.82	
Nitrobenzene-d5 (SS)	58	N/A	
2-Fluorophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	74	N/A	
Phenol-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	59	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0274)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0275
Laboratory No. : 21860-3
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0274

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0275

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL)	630	1.2	mg/kg
TFH-GAS (TFH-GAS)	430	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15900	24.3	
Barium	229	12.2	
Calcium	4460	122	
Chromium	49.3	3.6	
Cobalt	18.2	4.9	
Copper	34.8	3.6	
Iron	24800	12.2	
Magnesium	5710	122	
Manganese	719	1.8	
Nickel	35.4	4.9	
Potassium	1110	243	
Sodium	292	122	
Vanadium	52.2	4.9	
Zinc	52.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0275 continued on next page)

(results for BAFB-0275 continued)

Field No. : BAFB-0275
Laboratory No. : 21860-3
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0274

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.0 B	0.60	
2-Hexanone	10	1.2	
Toluene	0.32 J	0.60	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	105	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Methylnaphthalene	0.84	0.80	
bis(2-Ethylhexyl)Phthalate	0.29 BJ	0.80	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	81	N/A	
Phenol-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0275)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0276
Laboratory No. : 21860-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0276		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.3	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.15	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL)	5.1	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13900	25.4	
Barium	137	12.7	
Calcium	4330	127	
Chromium	28.7	3.8	
Cobalt	12.7	5.1	
Copper	46.9	3.8	
Iron	22500	12.7	
Magnesium	4610	127	
Manganese	402	1.9	
Nickel	27.2	5.1	
Potassium	775	254	
Sodium	370	127	
Vanadium	42.2	5.1	
Zinc	60.1	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0276 continued on next page)

(results for BAFB-0276 continued)

Field No. : BAFB-0276
Laboratory No. : 21860-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.3 B	0.66	
Acetone	0.66	0.66	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.99 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.23 BJ	0.42	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	83	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0276)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0277
Laboratory No. : 21860-5
Sample Depth : 30.50 - 32.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0277

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.9	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.093	0.080	mg/kg
TFH-DIESEL (TFH-DIESEL)	280	1.3	mg/kg
TFH-GAS (TFH-GAS)	150	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18000	26.6	
Barium	189	13.3	
Beryllium	0.67	0.67	
Calcium	6360	133	
Chromium	16.0	4.0	
Cobalt	25.3	5.3	
Copper	20.0	4.0	
Iron	20100	13.3	
Magnesium	4980	133	
Manganese	634	2.0	
Nickel	13.2	5.3	
Potassium	599	266	
Sodium	280	133	
Vanadium	34.1	5.3	
Zinc	37.5	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0277 continued on next page)

(results for BAFB-0277 continued)

Field No. : BAFB-0277
Laboratory No. : 21860-5
Sample Depth : 30.50 - 32.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.8 B	0.62	
Acetone	0.30 J	0.62	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.97 B	0.44	
Phenanthrene	0.10 J	0.44	
bis(2-Ethylhexyl)Phthalate	0.29 BJ	0.44	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorophenol (SS)	74	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0277)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0278
Laboratory No. : 21860-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0278

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	100.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.091	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL)	180	1.3	mg/kg
TFH-GAS (TFH-GAS)	72	65	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	22000	26.0	
Barium	99.1	13.0	
Calcium	4530	130	
Chromium	18.2	3.9	
Cobalt	10.4	5.2	
Copper	24.7	3.9	
Iron	26800	13.0	
Magnesium	6150	130	
Manganese	302	2.0	
Nickel	16.9	5.2	
Potassium	1300	260	
Sodium	307	130	
Vanadium	33.9	5.2	
Zinc	45.6	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0278 continued on next page)

(results for BAFB-0278 continued)

Field No. : BAFB-0278
Laboratory No. : 21860-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	4.0 B	0.67	
Acetone	0.31 J	0.67	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.1 B	0.43	
bis(2-Ethylhexyl)Phthalate	0.33 BJ	0.43	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	96	N/A	
Phenol-d5 (SS)	90	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0278)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0279
Laboratory No. : 21872-2
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0279

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	Resampled	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	2.5	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	(Resampled for this ananlysis. See BAFB-0418)		
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	(Resampled for this ananlysis. See BAFB-0418)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.1	6.1	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7170	24.3	
Barium	112	12.1	
Calcium	4040	121	
Chromium	7.3	3.6	
Cobalt	6.6	4.9	
Copper	27.3	3.6	
Iron	8250	12.1	
Magnesium	3220	121	
Manganese	291	1.8	
Nickel	6.3	4.9	
Potassium	874	243	
Sodium	223	121	
Vanadium	13.3	4.9	
Zinc	37.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0279 continued on next page)

(results for BAFB-0279 continued)

Field No. : BAFB-0279
Laboratory No. : 21872-2
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-6SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.008 J	0.016	
Acetone	0.042 B	0.030	
Chloroform	0.012 J	0.016	
Toluene	0.083	0.016	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.46 B	0.40	
2-Fluorophenol (SS)	64	N/A	
Phenol-d5 (SS)	76	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	
p-Terphenyl-d14 (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0279)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0418
Laboratory No. : 22134-1
Sample Depth : 50.00 - 50.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 3-C-6SB
Sampling Date : 01/19/89
Matrix : Soil

Tests performed on sample: BAFB-0418

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/14/89	dry	1.0	%
SW7471	Mercury	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0418)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0419
Laboratory No. : 22134-2
Sample Depth : 50.50 - 51.00 ft. BGS
Field Replicate for BAFB-0418--RESAMPLE

Field Log No. : 3-C-6SB
Sampling Date : 01/19/89
Matrix : Soil

Tests performed on sample: BAFB-0419

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/14/89	dry	1.0	%
SW7471	Mercury	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0419)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0363
Laboratory No. : 21991-10
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0363

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/27/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.12	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL)	17000	1.2	mg/kg
TFH-GAS (TFH-GAS)	1700	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10300	24.1	
Barium	161	12.0	
Cadmium	2.9	1.2	
Calcium	3240	120	
Chromium	37.6	3.6	
Cobalt	11.9	4.8	
Copper	98.0	3.6	
Iron	18000	12.0	
Lead	251	24.1	
Magnesium	2590	120	
Manganese	343	1.8	
Nickel	18.1	4.8	
Potassium	699	241	
Silver	4.0	3.6	
Sodium	205	120	
Vanadium	53.7	4.8	
Zinc	141	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0363 continued on next page)

Field No. : BAFB-0363
Laboratory No. : 21991-10
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.73 J	0.76	
Ethylbenzene	0.42 J	0.76	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Naphthalene	5.2	2.0	
N-Nitrosodiphenylamine (1)	0.41 BJ	2.0	
Di-n-Butylphthalate	0.49 BJ	2.0	
bis(2-Ethylhexyl)Phthalate	0.20 BJ	2.0	
Nitrobenzene-d5 (SS)	150	N/A	
2-Fluorophenol (SS)	54	N/A	
p-Terphenyl-d14 (SS)	59	N/A	
Phenol-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	54	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0363)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0364
Laboratory No. : 21991-11
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0364

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.9	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL)	790	1.2	mg/kg
TFH-GAS (TFH-GAS)	63	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20500	24.1	
Barium	224	12.0	
Beryllium	0.60	0.60	
Calcium	5080	120	
Chromium	72.6	3.6	
Cobalt	18.1	4.8	
Copper	44.5	3.6	
Iron	35900	12.0	
Lead	61.5	24.1	
Magnesium	6280	120	
Manganese	650	1.8	
Nickel	30.2	4.8	
Potassium	517	241	
Sodium	309	120	
Vanadium	71.2	4.8	
Zinc	59.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0364 continued on next page)

(results for BAFB-0364 continued)

Field No. : BAFB-0364
Laboratory No. : 21991-11
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.022	0.006	
Toluene	0.028	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
1,2-Dichloroethane-d4 (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Methylnaphthalene	0.31 J	0.40	
N-Nitrosodiphenylamine (1)	0.079 BJ	0.40	
Di-n-Butylphthalate	0.32 BJ	0.40	
bis(2-Ethylhexyl)Phthalate	0.13 BJ	0.40	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorophenol (SS)	47	N/A	
p-Terphenyl-d14 (SS)	70	N/A	
Phenol-d5 (SS)	52	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	51	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0364)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0365
Laboratory No. : 21991-12
Sample Depth : 6.50 - 8.00 ft. BGS
Field Replicate for BAFB-0364

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0365 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL)	85	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15600	24.3	
Barium	269	12.2	
Beryllium	0.61	0.61	
Calcium	4910	122	
Chromium	50.9	3.6	
Cobalt	20.7	4.9	
Copper	34.5	3.6	
Iron	24800	12.2	
Magnesium	5430	122	
Manganese	1010	1.8	
Nickel	31.0	4.9	
Potassium	498	243	
Sodium	272	122	
Vanadium	60.0	4.9	
Zinc	46.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0365 continued on next page)

(results for BAFB-0365 continued)

Field No. : BAFB-0365
Laboratory No. : 21991-12
Sample Depth : 6.50 - 8.00 ft. BGS
Field Replicate for BAFB-0364

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028	0.006	
Toluene	0.032	0.006	
Xylenes (total)	0.046	0.006	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodiphenylamine (1)	0.077 BJ	0.40	
Di-n-Butylphthalate	0.44 B	0.40	
bis(2-Ethylhexyl)Phthalate	0.12 BJ	0.40	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorophenol (SS)	49	N/A	
p-Terphenyl-d14 (SS)	72	N/A	
Phenol-d5 (SS)	54	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0365)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0366
Laboratory No. : 21991-15
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0366

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/27/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/16/89	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL)	740	1.3	mg/kg
TFH-GAS (TFH-GAS)	34	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19200	25.9	
Barium	236	13.0	
Calcium	5220	130	
Chromium	42.2	3.9	
Cobalt	18.1	5.2	
Copper	66.7	3.9	
Iron	30100	13.0	
Magnesium	5620	130	
Manganese	709	1.9	
Nickel	33.9	5.2	
Potassium	829	259	
Sodium	548	130	
Vanadium	66.6	5.2	
Zinc	81.5	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0366 continued on next page)

(results for BAFB-0366 continued)

Field No. : BAFB-0366
Laboratory No. : 21991-15
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Trichloroethene	7.0	0.82	
Toluene	0.67 J	0.82	
Ethylbenzene	1.9	0.82	
Xylenes (total)	7.9	0.82	
Toluene-d8 (SS)	120	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Naphthalene	0.60 J	0.85	
Di-n-Butylphthalate	0.45 BJ	0.85	
bis(2-Ethylhexyl)Phthalate	0.16 BJ	0.85	
Nitrobenzene-d5 (SS)	43	N/A	
2-Fluorophenol (SS)	36	N/A	
p-Terphenyl-d14 (SS)	42	N/A	
Phenol-d5 (SS)	40	N/A	
2-Fluorobiphenyl (SS)	38	N/A	
2,4,6-Tribromophenol (SS)	27	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0366)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0367
Laboratory No. : 21991-13
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0367 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/27/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL)	16000	1.2	mg/kg
TFH-GAS (TFH-GAS)	240	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21100	24.9	
Barium	155	12.5	
Calcium	5210	125	
Chromium	31.0	3.7	
Cobalt	11.2	5.0	
Copper	45.1	3.7	
Iron	29100	12.5	
Magnesium	5950	125	
Manganese	367	1.9	
Nickel	30.8	5.0	
Potassium	1150	249	
Sodium	461	125	
Thallium	77.4	62.3	
Vanadium	51.5	5.0	
Zinc	70.1	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0367 continued on next page)

Field No. : BAFB-0367
Laboratory No. : 21991-13
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Trichloroethene	2.1	0.79	
Toluene	0.77 J	0.79	
Ethylbenzene	0.69 J	0.79	
Xylenes (total)	2.7	0.79	
Toluene-d8 (SS)	120	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Naphthalene	0.41 J	2.1	
N-Nitrosodiphenylamine (1)	0.12 BJ	2.1	
Di-n-Butylphthalate	0.047 BJ	2.1	
Nitrobenzene-d5 (SS)	130	N/A	
2-Fluorophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	70	N/A	
Phenol-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	45	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0367)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0368
Laboratory No. : 21991-14
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0368

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL)	1300	1.2	mg/kg
TFH-GAS (TFH-GAS)	260	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9010	23.2	
Barium	61.5	11.6	
Calcium	2380	116	
Chromium	28.0	3.5	
Cobalt	5.8	4.6	
Copper	18.6	3.5	
Iron	20400	11.6	
Magnesium	2220	116	
Manganese	152	1.7	
Nickel	12.8	4.6	
Potassium	464	232	
Sodium	194	116	
Vanadium	63.1	4.6	
Zinc	29.9	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0368 continued on next page)

(results for BAFB-0368 continued)

Field No. : BAFB-0368
Laboratory No. : 21991-14
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-7SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.017	0.012	
2-Butanone	0.019	0.012	
Trichloroethene	0.14	0.006	
Tetrachloroethene	0.008	0.006	
Toluene	0.20	0.006	
Ethylbenzene	0.063	0.006	
Xylenes (total)	0.10	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Methylnaphthalene	0.29 J	0.38	
N-Nitrosodiphenylamine (1)	0.066 BJ	0.38	
Di-n-Butylphthalate	0.32 BJ	0.38	
bis(2-Ethylhexyl)Phthalate	0.10 BJ	0.38	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorophenol (SS)	48	N/A	
p-Terphenyl-d14 (SS)	62	N/A	
Phenol-d5 (SS)	53	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	48	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0368)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0369
Laboratory No. : 22002-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0369 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/08/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg
TFH-DIESEL (TFH-DIESEL)	1500	1.2	mg/kg
TFH-GAS (TFH-GAS)	190	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8400	23.7	
Barium	170	11.9	
Calcium	3060	119	
Chromium	28.0	3.6	
Cobalt	13.0	4.7	
Copper	35.2	3.6	
Iron	16100	11.9	
Lead	240	23.7	
Magnesium	2610	119	
Manganese	401	1.8	
Nickel	16.6	4.7	
Potassium	534	237	
Sodium	227	119	
Vanadium	52.8	4.7	
Zinc	70.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0369 continued on next page)

(results for BAFB-0369 continued)

Field No. : BAFB-0369
Laboratory No. : 22002-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.079	0.006	
Acetone	0.049	0.012	
Toluene	0.14	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	64	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0369)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0370
Laboratory No. : 22002-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0370

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/08/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	02/16/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL)	620	1.2	mg/kg
TFH-GAS (TFH-GAS)	63	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11300	24.4	
Barium	365	12.2	
Beryllium	0.73	0.61	
Calcium	3670	122	
Chromium	42.4	3.7	
Cobalt	24.4	4.9	
Copper	27.2	3.7	
Iron	22100	12.2	
Magnesium	4560	122	
Manganese	1060	1.8	
Nickel	27.6	4.9	
Potassium	378	244	
Sodium	313	122	
Vanadium	66.3	4.9	
Zinc	38.8	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0370 continued on next page)

(results for BAFB-0370 continued)

Field No. : BAFB-0370
Laboratory No. : 22002-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	5.4	0.77	
Acetone	2.7	1.6	
2-Butanone	0.88 J	1.6	
Trichloroethene	0.71 J	0.77	
Toluene	0.85	0.77	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Methylnaphthalene	0.13 J	0.40	
Di-n-Butylphthalate	0.15 BJ	0.40	
bis(2-Ethylhexyl)Phthalate	0.11 BJ	0.40	
2-Fluorophenol (SS)	49	N/A	
Phenol-d5 (SS)	61	N/A	
Nitrobenzene-d5 (SS)	44	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	
p-Terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0370)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0371
Laboratory No. : 22002-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0371 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/16/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.068	0.068	mg/kg
TFH-DIESEL (TFH-DIESEL)	5.7	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11100	22.8	
Barium	120	11.4	
Calcium	3110	114	
Chromium	24.8	3.4	
Cobalt	6.2	4.6	
Copper	34.4	3.4	
Iron	19300	11.4	
Magnesium	3320	114	
Manganese	211	1.7	
Nickel	17.1	4.6	
Potassium	331	228	
Sodium	363	114	
Vanadium	48.7	4.6	
Zinc	39.5	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0371 continued on next page)

(results for BAFB-0371 continued)

Field No. : BAFB-0371
Laboratory No. : 22002-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.015	0.006	
Acetone	0.047	0.011	
Carbon Disulfide	0.003 J	0.006	
2-Butanone	0.018	0.011	
Trichloroethene	0.054	0.006	
Toluene	0.023	0.006	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.19 BJ	0.38	
bis(2-Ethylhexyl)Phthalate	0.11 BJ	0.38	
2-Fluorophenol (SS)	62	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	51	N/A	
2-Fluorobiphenyl (SS)	46	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0371)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0372
Laboratory No. : 22002-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0372

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/16/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23500	25.9	
Barium	195	12.9	
Calcium	5370	129	
Chromium	54.3	3.9	
Cobalt	18.1	5.2	
Copper	50.2	3.9	
Iron	30900	12.9	
Magnesium	7180	129	
Manganese	449	1.9	
Nickel	38.7	5.2	
Potassium	1550	259	
Sodium	605	129	
Thallium	70.8	64.7	
Vanadium	50.2	5.2	
Zinc	85.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0372 continued on next page)

(results for BAFB-0372 continued)

Field No. : BAFB-0372
Laboratory No. : 22002-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.062	0.006	
Acetone	0.040	0.013	
2-Butanone	0.012 J	0.013	
Toluene	0.034	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.28 BJ	0.43	
bis(2-Ethylhexyl)Phthalate	0.070 BJ	0.43	
2-Fluorophenol (SS)	57	N/A	
Phenol-d5 (SS)	68	N/A	
Nitrobenzene-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	22	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0372)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0373
Laboratory No. : 22002-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0373		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL)	94	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5290	23.4	
Barium	87.3	11.7	
Calcium	2190	117	
Chromium	19.9	3.5	
Cobalt	12.9	4.7	
Copper	18.8	3.5	
Iron	14700	11.7	
Magnesium	1950	117	
Manganese	306	1.8	
Nickel	11.0	4.7	
Sodium	252	117	
Vanadium	62.3	4.7	
Zinc	29.0	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0373 continued on next page)

(results for BAFB-0373 continued)

Field No. : BAFB-0373
Laboratory No. : 22002-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-8SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.053	0.006	
Acetone	0.042	0.012	
2-Butanone	0.014	0.012	
Toluene	0.072	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	42	N/A	
Phenol-d5 (SS)	54	N/A	
Nitrobenzene-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	50	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	
p-Terphenyl-d14 (SS)	82	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0373)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0322
Laboratory No. : 22067-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0322

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/20/89	dry	2.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.5	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL)	940	1.2	mg/kg
TFH-GAS (TFH-GAS)	140	23	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6940	23.1	
Barium	125	11.6	
Calcium	2250	116	
Chromium	26.8	3.5	
Cobalt	11.1	4.6	
Copper	35.4	3.5	
Iron	16200	11.6	
Lead	34.9	23.1	
Magnesium	2890	116	
Manganese	325	1.7	
Nickel	16.2	4.6	
Potassium	358	231	
Sodium	180	116	
Vanadium	47.4	4.6	
Zinc	57.9	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0322 continued on next page)

Field No. : BAFB-0322
Laboratory No. : 22067-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.C52 B	0.023	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
1,2-Dichloroethane-d4 (SS)	130	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	79	N/A	
p-Terphenyl-d14 (SS)	97	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0322)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0323
Laboratory No. : 22067-3
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0323

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/20/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL)	8.8	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13400	25.3	
Barium	294	12.6	
Beryllium	0.88	0.63	
Calcium	4360	126	
Chromium	27.7	3.8	
Cobalt	34.2	5.1	
Copper	30.7	3.8	
Iron	19400	12.6	
Magnesium	5620	126	
Manganese	920	1.9	
Nickel	20.2	5.1	
Potassium	455	253	
Sodium	611	126	
Vanadium	41.7	5.1	
Zinc	49.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0323 continued on next page)

(results for BAFB-0323 continued)

Field No. : BAFB-0323
Laboratory No. : 22067-3
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.042 B	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	99	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0323)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0324
Laboratory No. : 22067-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0324		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/20/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.5	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL)	200	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8980	24.0	
Barium	172	12.0	
Calcium	3860	120	
Chromium	18.0	3.6	
Cobalt	9.2	4.8	
Copper	21.6	3.6	
Iron	16500	12.0	
Magnesium	3010	120	
Manganese	444	1.8	
Nickel	18.0	4.8	
Sodium	444	120	
Vanadium	38.8	4.8	
Zinc	33.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0324 continued on next page)

(results for BAFB-0324 continued)

Field No. : BAFB-0324
Laboratory No. : 22067-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.023 B	0.006	
Acetone	0.012 B	0.012	
2-Butanone	0.019	0.012	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	64	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0324)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0325
Laboratory No. : 22067-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0325

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/20/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9470	25.3	
Barium	162	12.6	
Beryllium	0.76	0.63	
Calcium	3410	126	
Chromium	22.7	3.8	
Cobalt	13.9	5.1	
Copper	22.7	3.8	
Iron	25800	12.6	
Magnesium	3470	126	
Manganese	558	1.9	
Nickel	17.7	5.1	
Potassium	732	253	
Sodium	385	126	
Vanadium	83.6	5.1	
Zinc	41.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0325 continued on next page)

Field No. : BAFB-0325
Laboratory No. : 22067-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028 B	0.006	
Acetone	0.013 B	0.013	
2-Butanone	0.019	0.013	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
Phenol-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	62	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0325)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0326
Laboratory No. : 22067-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0326

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/20/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.4	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8400	25.4	
Barium	1150	12.7	
Beryllium	0.64	0.64	
Calcium	4720	127	
Chromium	12.7	3.8	
Cobalt	44.9	5.1	
Copper	15.3	3.8	
Iron	7260	12.7	
Magnesium	3830	127	
Manganese	3780	1.9	
Nickel	12.7	5.1	
Potassium	483	254	
Sodium	346	127	
Vanadium	69.7	5.1	
Zinc	19.1	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0326 continued on next page)

(results for BAFB-0326 continued)

Field No. : BAFB-0326
Laboratory No. : 22067-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028 B	0.006	
Acetone	0.008 BJ	0.013	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	66	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0326)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0327
Laboratory No. : 22067-7
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0327 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/20/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	29.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.085	0.085	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<28	28	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12600	28.4	
Barium	277	14.2	
Calcium	5430	142	
Chromium	19.9	4.3	
Cobalt	15.6	5.7	
Copper	24.1	4.3	
Iron	22700	14.2	
Magnesium	6150	142	
Manganese	1050	2.1	
Nickel	22.7	5.7	
Potassium	938	284	
Sodium	714	142	
Vanadium	55.0	5.7	
Zinc	47.2	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0327 continued on next page)

(results for BAFB-0327 continued)

Field No. : BAFB-0327
Laboratory No. : 22067-7
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-9SB
Sampling Date : 01/11/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.045 B	0.007	
Acetone	0.007 BJ	0.014	
2-Butanone	0.041	0.014	
Toluene-d8 (SS)	70	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	37	N/A	
2-Fluorophenol (SS)	36	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	38	N/A	
2-Fluorobiphenyl (SS)	42	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0327)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0328
Laboratory No. : 22079-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0328

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg
TFH-DIESEL (TFH-DIESEL)	2700	1.2	mg/kg
TFH-GAS (TFH-GAS)	330	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7330	23.7	
Barium	152	11.8	
Calcium	2710	118	
Chromium	26.9	3.6	
Cobalt	9.5	4.7	
Copper	47.7	3.6	
Iron	14900	11.8	
Lead	69.0	23.7	
Magnesium	2750	118	
Manganese	437	1.8	
Nickel	13.0	4.7	
Potassium	486	237	
Sodium	259	118	
Vanadium	47.3	4.7	
Zinc	70.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0328 continued on next page)

(results for BAFB-0328 continued)

Field No. : BAFB-0328
Laboratory No. : 22079-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.049 B	0.030	
Acetone	0.70	0.059	
trans-1,2,-Dichloroethene	0.85	0.030	
2-Butanone	0.14	0.059	
Vinyl Acetate	0.033 J	0.059	
Benzene	0.041	0.030	
Toluene	0.40	0.030	
Ethylbenzene	0.10	0.030	
Xylenes (total)	0.73	0.030	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Naphthalene	0.78 J	2.0	
2-Methylnaphthalene	1.9 J	2.0	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	74	N/A	
Phenol-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0328)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0329
Laboratory No. : 22079-3
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0329

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.3	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS)	39	26	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13200	26.1	
Barium	169	13.0	
Beryllium	0.65	0.65	
Calcium	3000	130	
Chromium	28.0	3.9	
Cobalt	11.3	5.2	
Copper	36.8	3.9	
Iron	20700	13.0	
Magnesium	5740	130	
Manganese	369	2.0	
Nickel	23.5	5.2	
Potassium	378	261	
Sodium	587	130	
Vanadium	50.5	5.2	
Zinc	55.1	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0329 continued on next page)

(results for BAFB-0329 continued)

Field No. : BAFB-0329
Laboratory No. : 22079-3
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.010 B	0.007	
Acetone	0.022	0.013	
trans-1,2,-Dichloroethene	0.033	0.007	
2-Butanone	0.018	0.013	
Trichloroethene	0.052	0.007	
Toluene	0.065	0.007	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0329)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0330
Laboratory No. : 22079-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0330 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/15/89	dry	10.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	26.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.082	0.082	mg/kg
TFH-DIESEL (TFH-DIESEL)	9400	1.4	mg/kg
TFH-GAS (TFH-GAS)	700	27	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	22100	27.3	
Barium	207	13.6	
Beryllium	0.68	0.68	
Calcium	4470	136	
Chromium	40.8	4.1	
Cobalt	13.6	5.5	
Copper	42.0	4.1	
Iron	25000	13.6	
Magnesium	6850	136	
Manganese	553	2.0	
Nickel	46.9	5.5	
Potassium	1150	273	
Sodium	804	136	
Thallium	79.4	68.2	
Vanadium	51.4	5.5	
Zinc	66.3	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0330 continued on next page)

Field No. : BAFB-0330
Laboratory No. : 22079-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.044 B	0.034	
Acetone	0.067 J	0.068	
2-Butanone	0.041 J	0.068	
Trichloroethene	0.49	0.034	
Benzene	0.022	0.034	
Toluene	0.18	0.34	
Xylene (total)	0.041	0.34	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg.
Naphthalene	1.4 J	4.5	
2-Methylnaphthalene	3.3 J	4.5	
Nitrobenzene-d5 (SS)	58	N/A	
2-Fluorophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0330)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0331
Laboratory No. : 22080-2
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0331

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10900	23.2	
Barium	235	11.6	
Calcium	3060	116	
Chromium	26.3	3.5	
Cobalt	18.5	4.6	
Copper	24.3	3.5	
Iron	20400	11.6	
Magnesium	3430	116	
Manganese	983	1.7	
Nickel	19.7	4.6	
Potassium	823	232	
Sodium	344	116	
Vanadium	55.6	4.6	
Zinc	47.7	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0331 continued on next page)

(results for BAFB-0331 continued)

Field No. : BAFB-0331
Laboratory No. : 22080-2
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006 B	0.006	
Acetone	0.012	0.012	
2-Butanone	0.009 J	0.012	
Trichloroethene	0.007	0.006	
Toluene	0.029	0.006	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0331)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0407
Laboratory No. : 22080-3
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0407		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.8	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9250	25.9	
Barium	1410	13.0	
Beryllium	0.78	0.65	
Calcium	5030	130	
Chromium	12.8	3.9	
Cobalt	24.6	5.2	
Copper	22.0	3.9	
Iron	8060	13.0	
Magnesium	4300	130	
Manganese	4570	1.9	
Nickel	14.2	5.2	
Potassium	803	259	
Sodium	334	130	
Vanadium	70.2	5.2	
Zinc	23.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0407 continued on next page)

(results for BAFB-0407 continued)

Field No. : BAFB-0407
Laboratory No. : 22080-3
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.006	
Acetone	0.009 J	0.013	
2-Butanone	0.010 J	0.013	
Trichloroethene	0.047	0.006	
Toluene	0.096	0.006	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0407)

BEALE AFB SITE 3: Soil Data 1988/1989

Field No. : BAFB-0408
Laboratory No. : 22080-4
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0408

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/18/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.7	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.083	0.083	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<14	14	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17000	27.7	
Barium	260	13.8	
Calcium	6200	138	
Chromium	19.4	4.1	
Cobalt	15.2	5.5	
Copper	28.5	4.1	
Iron	25000	13.8	
Magnesium	7340	138	
Manganese	784	2.1	
Nickel	18.0	5.5	
Potassium	1180	277	
Sodium	959	138	
Vanadium	56.0	5.5	
Zinc	53.4	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0408 continued on next page)

(results for BAFB-0408 continued)

Field No. : BAFB-0408
Laboratory No. : 22080-4
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 3-C-10SB
Sampling Date : 01/12/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.011 B	0.007	
Acetone	0.014	0.014	
2-Butanone	0.014	0.014	
Trichloroethene	0.011	0.007	
Toluene	0.19	0.007	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorophenol (SS)	68	N/A	
p-Terphenyl-d14 (SS)	99	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0408)

SITE 3

Water Data 1st Round Sampling

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0521
Laboratory No. : 22906-3
Normal Environmental Sample

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Tests performed on sample: BAFB-0521 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	04/03/89	wet	1.0	umhos/cm
E170.1	Temperature	04/03/89	wet	1.0	degrees c
E150.1	pH	04/03/89	wet	1.0	pH
SM403	Alkalinity - Total	04/03/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	04/03/89	wet	1.0	mg/l
SM403	Bicarbonate	04/03/89	wet	1.0	mg/l
SM403	Carbonate	04/03/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/10/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/18/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	283	N/A	umhos/cm
TEMPERATURE (E170.1)	20.8	N/A	degrees c
pH (E150.1)	6.96	N/A	pH
ALKALINITY-TOTAL (SM403)	79.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	97.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	267	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0521 continued on next page)

(results for BAFB-0521 continued)

Field No. : BAFB-0521
Laboratory No. : 22906-3
Normal Environmental Sample

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	42.2		1.0	mg/l
FLUORIDE (E340.2)	0.22		0.050	mg/l
NITRATE + NITRITE (E353.3)	8.4		0.050	mg/l
SULFATE (E375.4)	8.9		1.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050		0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	20.8		1.00	
Magnesium	9.73		1.00	
Potassium	1.80		1.00	
Sodium	23.6		1.00	
Zinc	0.344		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	120		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(2)		
trifluorotoluene (SS)	108		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0521 continued on next page)

(results for BAFB-0521 continued)

Field No. : BAFB-0521
Laboratory No. : 22906-3
Normal Environmental Sample

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
nitrobenzene-d5 (SS)	79	N/A	
2-fluorobiphenyl (SS)	78	N/A	
p-terphenyl-d14 (SS)	94	N/A	
phenol-d5 (SS)	100	N/A	
2-fluorophenol (SS)	76	N/A	
2,4,6-tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0521)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0522
Laboratory No. : 22906-4
Field Replicate for BAFB-0521

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Tests performed on sample: BAFB-0522 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	04/03/89	wet	1.0	umhos/cm
E170.1	Temperature	04/03/89	wet	1.0	degrees c
E150.1	pH	04/03/89	wet	1.0	pH
SM403	Alkalinity - Total	04/03/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	04/03/89	wet	1.0	mg/l
SM403	Bicarbonate	04/03/89	wet	1.0	mg/l
SM403	Carbonate	04/03/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/10/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/18/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	283	N/A	umhos/cm
TEMPERATURE (E170.1)	20.8	N/A	degrees c
pH (E150.1)	6.96	N/A	pH
ALKALINITY-TOTAL (SM403)	77.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	94.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	256	3.0	mg/l
CHLORIDE (E325.3)	42.4	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0522 continued on next page)

(results for BAFB-0522 continued)

Field No. : BAFB-0522
Laboratory No. : 22906-4
Field Replicate for BAFB-0521

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value		Detection Limit	Units
NITRATE + NITRITE (E353.3)	8.2		0.050	mg/l
SULFATE (E375.4)	15.4		1.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS)	0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	21.2		1.00	
Magnesium	9.90		1.00	
Potassium	1.80		1.00	
Sodium	23.8		1.00	
Zinc	0.348		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochlcromethane (SS)	127		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(3)	1	
trifluorotoluene (SS)	114		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
nitrobenzene-d5 (SS)	46		N/A	
2-fluorobiphenyl (SS)	47		N/A	
p-terphenyl-d14 (SS)	83		N/A	
phenol-d5 (SS)	99		N/A	
2-fluorophenol (SS)	76		N/A	
2,4,6-tribromophenol (SS)	70		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0522)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0519
Laboratory No. : 22906-1
Equipment Wash Blank

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Tests performed on sample: BAFB-0519

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	04/10/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/18/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/20/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	37.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.48	0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0519 continued on next page)

(results for BAFB-0519 continued)

Field No. : BAFB-0519
Laboratory No. : 22906-1
Equipment Wash Blank

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value	Detection Limit	Units
ICP METALS (SW6010)			mg/l
(non-detect)			
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	99	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
nitrobenzene-d5 (SS)	73	N/A	
2-fluorobiphenyl (SS)	75	N/A	
p-terphenyl-d14 (SS)	96	N/A	
phenol-d5 (SS)	98	N/A	
2-fluorophenol (SS)	75	N/A	
2,4,6-tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0519)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0520
Laboratory No. : 22906-2
Field Blank

Field Log No. : 3-C-1GW
Sampling Date : 04/03/89
Matrix : Water

Tests performed on sample: BAFB-0520 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	04/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/14/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	101		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(1)	1	
trifluorotoluene (SS)	105		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd cclumn confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0520)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0511
Laboratory No. : 22848-1
Normal Environmental Sample

Field Log No. : 3-A-1GW
Sampling Date : 03/29/89
Matrix : Water

Tests performed on sample: BAFB-0511

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/29/89	wet	1.0	umhos/cm
E170.1	Temperature	03/29/89	wet	1.0	degrees c
E150.1	pH	03/29/89	wet	1.0	pH
SM403	Alkalinity - Total	03/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/29/89	wet	1.0	mg/l
SM403	Bicarbonate	03/29/89	wet	1.0	mg/l
SM403	Carbonate	03/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/03/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/14/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/17/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/04/89	wet	1.0	mg/l
6010	ICP Metals	04/18/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	350	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.05	N/A	pH
ALKALINITY-TOTAL (SM403)	80.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	98.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	299	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0511 continued on next page)

(results for BAFB-0511 continued)

Field No. : BAFB-0511
Laboratory No. : 22848-1
Normal Environmental Sample

Field Log No. : 3-A-1GW
Sampling Date : 03/29/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	50.3		1.0	mg/l
FLUORIDE (E340.2)	0.24		0.050	mg/l
NITRATE + NITRITE (E353.3)	7.84		0.050	mg/l
SULFATE (E375.4)	11.6		1.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050		0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	28.2		1.00	
Magnesium	10.9		1.00	
Manganese	0.031		0.015	
Potassium	2.00		1.00	
Sodium	26.2		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	112		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	4	(2)	1	
trifluorotoluene (SS)	101		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0511 continued on next page)

(results for BAFB-0511 continued)

Field No. : BAFB-0511 Field Log No. : 3-A-1GW
Laboratory No. : 22848-1 Sampling Date : 03/29/89
Normal Environmental Sample Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	10	10	
nitrobenzene-d5 (SS)	79	N/A	
2-fluorobiphenyl (SS)	80	N/A	
p-terphenyl-d14 (SS)	81	N/A	
phenol-d5 (SS)	97	N/A	
2-fluorophenol (SS)	70	N/A	
2,4,6-tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0511)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0513
Laboratory No. : 22870-1
Normal Environmental Sample

Field Log No. : 3-A-2GW
Sampling Date : 03/31/89
Matrix : Water

Tests performed on sample: BAFB-0513

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	04/06/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/05/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	291	3.0	mg/l
CHLORIDE (E325.3)	59.5	1.0	mg/l
FLUORIDE (E340.2)	0.18	0.050	mg/l
NITRATE + NITRITE (E353.3)	6.38	0.050	mg/l
SULFATE (E375.4)	15.2	1.0	mg/l
ARSENIC (7060/7061)	0.0110	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0513 continued on next page)

(results for BAFB-0513 continued)

Field No. : BAFB-0513
Laboratory No. : 22870-1
Normal Environmental Sample

Field Log No. : 3-A-2GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	25.8	1.00	
Magnesium	11.5	1.00	
Potassium	2.10	1.00	
Sodium	32.7	1.00	
Vanadium	0.069	0.040	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	105	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	4 J	10	
nitrobenzene-d5 (SS)	72	N/A	
2-fluorobiphenyl (SS)	71	N/A	
p-terphenyl-d14 (SS)	62	N/A	
phenol-d5 (SS)	89	N/A	
2-fluorophenol (SS)	71	N/A	
2,4,6-tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0513)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0524
Laboratory No. : 22906-6
Normal Environmental Sample

Field Log No. : 3-A-3GW
Sampling Date : 04/03/89
Matrix : Water

Tests performed on sample: BAFB-0524 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	04/03/89	wet	1.0	umhos/cm
E170.1	Temperature	04/03/89	wet	1.0	degrees c
E150.1	pH	04/03/89	wet	1.0	pH
SM403	Alkalinity - Total	04/03/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	04/03/89	wet	1.0	mg/l
SM403	Bicarbonate	04/03/89	wet	1.0	mg/l
SM403	Carbonate	04/03/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/10/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/18/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	257	N/A	umhos/cm
TEMPERATURE (E170.1)	21.4	N/A	degrees c
pH (E150.1)	7.06	N/A	pH
ALKALINITY-TOTAL (SM403)	81.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	99.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	260	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0524 continued on next page)

(results for BAFB-0524 continued)

Field No. : BAFB-0524
Laboratory No. : 22906-6
Normal Environmental Sample

Field Log No. : 3-A-3GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	33.7	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.050	mg/l
NITRATE + NITRITE (E353.3)	7.8	0.050	mg/l
SULFATE (E375.4)	8.7	1.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	19.7	1.00	
Magnesium	9.13	1.00	
Potassium	1.60	1.00	
Sodium	23.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	123	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	117	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0524 continued on next page)

(results for BAFB-0524 continued)

Field No. : BAFB-0524
Laboratory No. : 22906-6
Normal Environmental Sample

Field Log No. : 3-A-3GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-nitrosodiphenylamine (1)	1 J	10	
nitrobenzene-d5 (SS)	46	N/A	
2-fluorobiphenyl (SS)	49	N/A	
p-terphenyl-d14 (SS)	63	N/A	
phenol-d5 (SS)	54	N/A	
2-fluorophenol (SS)	42	N/A	
2,4,6-tribromophenol (SS)	56	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0524)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0518
Laboratory No. : 22890-1
Normal Environmental Sample

Field Log No. : 3-A-4GW
Sampling Date : 03/31/89
Matrix : Water

Tests performed on sample: BAFB-0518

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/31/89	wet	1.0	umhos/cm
E170.1	Temperature	03/31/89	wet	1.0	degrees c
E150.1	pH	03/31/89	wet	1.0	pH
SM403	Alkalinity - Total	03/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/31/89	wet	1.0	mg/l
SM403	Bicarbonate	03/31/89	wet	1.0	mg/l
SM403	Carbonate	03/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/06/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/17/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	300	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.34	N/A	pH
ALKALINITY-TOTAL (SM403)	82.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	100.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	305	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0518 continued on next page)

(results for BAFB-0518 continued)

Field No. : BAFB-0518
Laboratory No. : 22890-1
Normal Environmental Sample

Field Log No. : 3-A-4GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	46.4	1.0	mg/l
FLUORIDE (E340.2)	0.26	0.050	mg/l
NITRATE + NITRITE (E353.3)	8.6	0.050	mg/l
SULFATE (E375.4)	9.1	1.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.6	1.00	
Magnesium	9.39	1.00	
Potassium	1.70	1.00	
Sodium	22.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	97	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	111	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0518 continued on next page)

(results for BAFB-0518 continued)

Field No. : BAFB-0518
Laboratory No. : 22890-1
Normal Environmental Sample

Field Log No. : 3-A-4GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
nitrobenzene-d5 (SS)	63	N/A	
2-fluorobiphenyl (SS)	65	N/A	
p-terphenyl-d14 (SS)	85	N/A	
phenol-d5 (SS)	70	N/A	
2-fluorophenol (SS)	58	N/A	
2,4,6-tribromophenol (SS)	52	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0518)

BEALE AFB SITE 3: Water Data 1st Round Sampling 1989

Field No. : BAFB-0523
Laboratory No. : 22906-5
Normal Environmental Sample

Field Log No. : 3-A-5GW
Sampling Date : 04/03/89
Matrix : Water

Tests performed on sample: BAFB-0523 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	04/03/89	wet	1.0	umhos/cm
E170.1	Temperature	04/03/89	wet	1.0	degrees c
E150.1	pH	04/03/89	wet	1.0	pH
SM403	Alkalinity - Total	04/03/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	04/03/89	wet	1.0	mg/l
SM403	Bicarbonate	04/03/89	wet	1.0	mg/l
SM403	Carbonate	04/03/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/10/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/18/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	321	N/A	umhos/cm
TEMPERATURE (E170.1)	21.8	N/A	degrees c
pH (E150.1)	7.07	N/A	pH
ALKALINITY-TOTAL (SM403)	83.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	282	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0523 continued on next page)

(results for BAFB-0523 continued)

Field No. : BAFB-0523
Laboratory No. : 22906-5
Normal Environmental Sample

Field Log No. : 3-A-5GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	54.6		1.0	mg/l
FLUORIDE (E340.2)	0.24		0.050	mg/l
NITRATE + NITRITE (E353.3)	5.7		0.050	mg/l
SULFATE (E375.4)	7.7		1.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050		0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	25.8		1.00	
Magnesium	12.3		1.00	
Potassium	2.50		1.00	
Sodium	27.2		1.00	
Zinc	0.022		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	104		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	6	(1)	1	
trifluorotoluene (SS)	104		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0523 continued on next page)

(results for BAFB-0523 continued)

Field No. : BAFB-0523
Laboratory No. : 22906-5
Normal Environmental Sample

Field Log No. : 3-A-5GW
Sampling Date : 04/03/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
nitrobenzene-d5 (SS)	59	N/A	
2-fluorobiphenyl (SS)	61	N/A	
p-terphenyl-d14 (SS)	74	N/A	
phenol-d5 (SS)	53	N/A	
2-fluorophenol (SS)	39	N/A	
2,4,6-tribromophenol (SS)	60	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0523)

SITE 3

Water Data 3rd Round Sampling

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0634
Laboratory No. : 24265-3
Normal Environmental Sample

Field Log No. : 3-C-1GW
Sampling Date : 09/08/89
Matrix : Water

Tests performed on sample: BAFB-0634

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/08/89	wet	1.0	umhos/cm
E170.1	Temperature	09/08/89	wet	1.0	degrees c
E150.1	pH	09/08/89	wet	1.0	pH
SM403	Alkalinity - Total	09/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/08/89	wet	1.0	mg/l
SM403	Bicarbonate	09/08/89	wet	1.0	mg/l
SM403	Carbonate	09/08/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/14/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	10/05/89	wet	1.0	mg/l
SW7060	Arsenic	09/22/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/19/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	300	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.39	N/A	pH
ALKALINITY-TOTAL (SM403)	71.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	87.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	244	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0634 continued on next page)

(results for BAFB-0634 continued)

Field No. : BAFB-0634
Laboratory No. : 24265-3
Normal Environmental Sample

Field Log No. : 3-C-1GW
Sampling Date : 09/08/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	43.7	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.10	mg/l
NITRATE + NITRITE (E353.3)	7.9	0.13	mg/l
SULFATE (E375.4)	10.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.7	1.00	
Magnesium	9.31	1.00	
Potassium	1.97	1.00	
Sodium	22.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	131	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	104	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0634 continued on next page)

(results for BAFB-0634 continued)

Field No. : BAFB-0634
Laboratory No. : 24265-3
Normal Environmental Sample

Field Log No. : 3-C-1GW
Sampling Date : 09/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
Nitrobenzene-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	56	N/A	
2-Fluorophenol (SS)	53	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0634)

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0633
Laboratory No. : 24265-2
Normal Environmental Sample

Field Log No. : 3-A-1GW
Sampling Date : 09/08/89
Matrix : Water

Tests performed on sample: BAFB-0633 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/08/89	wet	1.0	umhos/cm
E170.1	Temperature	09/08/89	wet	1.0	degrees c
E150.1	pH	09/08/89	wet	1.0	pH
SM403	Alkalinity - Total	09/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/08/89	wet	1.0	mg/l
SM403	Bicarbonate	09/08/89	wet	1.0	mg/l
SM403	Carbonate	09/08/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/14/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	10/05/89	wet	1.0	mg/l
SW7060	Arsenic	09/22/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/19/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	341	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.40	N/A	pH
ALKALINITY-TOTAL (SM403)	81.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	98.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	250	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0633 continued on next page)

(results for BAFB-0633 continued)

Field No. : BAFB-0633
Laboratory No. : 24265-2
Normal Environmental Sample

Field Log No. : 3-A-1GW
Sampling Date : 09/08/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	47.8	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l
NITRATE + NITRITE (E353.3)	8.7	0.13	mg/l
SULFATE (E375.4)	20.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	25.8	1.00	
Magnesium	10.5	1.00	
Manganese	0.025	0.015	
Potassium	2.22	1.00	
Sodium	23.8	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	118	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	101	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0633 continued on next page)

(results for BAFB-0633 continued)

Field No. : BAFB-0633
Laboratory No. : 24265-2
Normal Environmental Sample

Field Log No. : 3-A-1GW
Sampling Date : 09/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)Phthalate	17	10	
Nitrobenzene-d5 (SS)	68	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
p-Terphenyl-d14 (SS)	84	N/A	
Phenol-d5 (SS)	68	N/A	
2-Fluorophenol (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0633)

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0639
Laboratory No. : 24313-1
Normal Environmental Sample

Field Log No. : 3-A-2GW
Sampling Date : 09/13/89
Matrix : Water

Tests performed on sample: BAFB-0639

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/13/89	wet	1.0	umhos/cm
E170.1	Temperature	09/13/89	wet	1.0	degrees c
E150.1	pH	09/13/89	wet	1.0	pH
SM403	Alkalinity - Total	09/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/13/89	wet	1.0	mg/l
SM403	Bicarbonate	09/13/89	wet	1.0	mg/l
SM403	Carbonate	09/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/20/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/19/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	Resampled	wet	1.0	ug/l
SW8020	Purgeable Aromatics	Resampled	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	368	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.90	N/A	pH
ALKALINITY-TOTAL (SM403)	105.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	128.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	326	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0639 continued on next page)

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(results for BAFB-0639 continued)

Field No. : BAFB-0639
Laboratory No. : 24313-1
Normal Environmental Sample

Field Log No. : 3-A-2GW
Sampling Date : 09/13/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	54.0	1.0	mg/l
FLUORIDE (E340.2)	0.070	0.10	mg/l
NITRATE + NITRITE (E353.3)	5.1	0.13	mg/l
SULFATE (E375.4)	16.0	1.0	mg/l
ARSENIC (SW7060)	0.0120	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	28.9	1.00	
Magnesium	12.1	1.00	
Potassium	2.50	1.00	
Sodium	29.7	1.00	
PURGEABLE HALOCARBONS (SW8010)	(Resampled for this analysis. See BAFB-0678)		
PURGEABLE AROMATICS (SW8020)	(Resampled for this analysis. See BAFB-0678)		

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0639 continued on next page)

(results for BAFB-0639 continued)

Field No. : BAFB-0639
Laboratory No. : 24313-1
Normal Environmental Sample

Field Log No. : 3-A-2GW
Sampling Date : 09/13/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	91	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	90	N/A	
2-Fluorophenol (SS)	86	N/A	
2,4,6-Tribromophenol (SS)	97	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.
(end of report for sample BAFB-0639)

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0678
Laboratory No. : 24797-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 3-A-2GW
Sampling Date : 11/03/89
Matrix : Water

Tests performed on sample: BAFB-0678

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	11/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	101	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0678)

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0635
Laboratory No. : 24272-3
Normal Environmental Sample

Field Log No. : 3-A-3GW
Sampling Date : 09/11/89
Matrix : Water

Tests performed on sample: BAFB-0635		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
E120.1	Specific Conductivity	09/11/89	wet	1.0	umhos/cm
E170.1	Temperature	09/11/89	wet	1.0	degrees c
E150.1	pH	09/11/89	wet	1.0	pH
SM403	Alkalinity - Total	09/11/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/11/89	wet	1.0	mg/l
SM403	Bicarbonate	09/11/89	wet	1.0	mg/l
SM403	Carbonate	09/11/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/18/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/22/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/13/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/20/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/20/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/02/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	274	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.62	N/A	pH
ALKALINITY-TOTAL (SM403)	78.9	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	96.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	247	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0635 continued on next page)

(results for BAFB-0635 continued)

Field No. : BAFB-0635
Laboratory No. : 24272-3
Normal Environmental Sample

Field Log No. : 3-A-3GW
Sampling Date : 09/11/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	38.0	1.0	mg/l
FLUORIDE (E340.2)	0.12	0.10	mg/l
NITRATE + NITRITE (E353.3)	7.0	0.13	mg/l
SULFATE (E375.4)	10.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.5	1.00	
Magnesium	9.17	1.00	
Potassium	2.11	1.00	
Sodium	21.8	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	92	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0635 continued on next page)

(results for BAFB-0635 continued)

Field No. : BAFB-0635
Laboratory No. : 24272-3
Normal Environmental Sample

Field Log No. : 3-A-3GW
Sampling Date : 09/11/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
p-Terphenyl-d14 (SS)	72	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	66	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0635)

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0636
Laboratory No. : 24304-1
Normal Environmental Sample

Field Log No. : 3-A-4GW
Sampling Date : 09/12/89
Matrix : Water

Tests performed on sample: BAFB-0636 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/12/89	wet	1.0	umhos/cm
E170.1	Temperature	09/12/89	wet	1.0	degrees c
E150.1	pH	09/12/89	wet	1.0	pH
SM403	Alkalinity - Total	09/12/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/12/89	wet	1.0	mg/l
SM403	Bicarbonate	09/12/89	wet	1.0	mg/l
SM403	Carbonate	09/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/19/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/19/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/02/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	311	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.66	N/A	pH
ALKALINITY-TOTAL (SM403)	76.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	92.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	266	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0636 continued on next page)

(results for BAFB-0636 continued)

Field No. : BAFB-0636
Laboratory No. : 24304-1
Normal Environmental Sample

Field Log No. : 3-A-4GW
Sampling Date : 09/12/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	46.0	1.0	mg/l
FLUORIDE (E340.2)	0.13	0.10	mg/l
NITRATE + NITRITE (E353.3)	7.2	0.13	mg/l
SULFATE (E375.4)	15.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.6	1.00	
Magnesium	9.68	1.00	
Potassium	2.30	1.00	
Sodium	27.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	117	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	105	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0636 continued on next page)

(results for BAFB-0636 continued)

Field No. : BAFB-0636
Laboratory No. : 24304-1
Normal Environmental Sample

Field Log No. : 3-A-4GW
Sampling Date : 09/12/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
p-Terphenyl-d14 (SS)	68	N/A	
Phenol-d5 (SS)	71	N/A	
2-Fluorophenol (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0636)

BEALE AFB SITE 3: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0637
Laboratory No. : 24304-2
Normal Environmental Sample

Field Log No. : 3-A-5GW
Sampling Date : 09/12/89
Matrix : Water

Tests performed on sample: BAFB-0637 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/12/89	wet	1.0	umhos/cm
E170.1	Temperature	09/12/89	wet	1.0	degrees c
E150.1	pH	09/12/89	wet	1.0	pH
SM403	Alkalinity - Total	09/12/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/12/89	wet	1.0	mg/l
SM403	Bicarbonate	09/12/89	wet	1.0	mg/l
SM403	Carbonate	09/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/19/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/19/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/25/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/25/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/02/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	329	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.58	N/A	pH
ALKALINITY-TOTAL (SM403)	83.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	296	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0637 continued on next page)

(results for BAFB-0637 continued)

Field No. : BAFB-0637
Laboratory No. : 24304-2
Normal Environmental Sample

Field Log No. : 3-A-5GW
Sampling Date : 09/12/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	51.0	1.0	mg/l
FLUORIDE (E340.2)	0.13	0.10	mg/l
NITRATE + NITRITE (E353.3)	5.6	0.13	mg/l
SULFATE (E375.4)	8.3	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	23.3	1.00	
Magnesium	10.5	1.00	
Potassium	2.70	1.00	
Sodium	22.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	125	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	97	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0637 continued on next page)

(results for BAFB-0637 continued)

Field No. : BAFB-0637
Laboratory No. : 24304-2
Normal Environmental Sample

Field Log No. : 3-A-5GW
Sampling Date : 09/12/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	32	N/A	
2-Fluorophenol (SS)	31	N/A	
2,4,6-Tribromophenol (SS)	28	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0637)

SITE 4

Soil Analyses

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0409
Laboratory No. : 22110-2
Sample Depth : 11.00 - 12.50 ft. BGS
Normal Environmental Sample

Field Log No. : 4-C-1SB
Sampling Date : 01/17/89
Matrix : Soil

Tests performed on sample: BAFB-0409		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW9045	Soil pH	01/18/89	dry	1.0	N/A
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.9	N/A	%
SOIL pH (SW9045)	6.2	N/A	N/A
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18100	26.3	
Barium	251	13.1	
Calcium	4550	131	
Chromium	11.0	3.9	
Cobalt	13.0	5.3	
Copper	22.3	3.9	
Iron	22500	13.1	
Magnesium	3310	131	
Manganese	1190	2.0	
Nickel	10.6	5.3	
Sodium	874	131	
Vanadium	45.6	5.3	
Zinc	66.5	2.6	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0409)

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0410
Laboratory No. : 22110-3
Sample Depth : 12.50 - 14.00 ft. BGS
Field Replicate for BAFB-0409

Field Log No. : 4-C-1SB
Sampling Date : 01/17/89
Matrix : Soil

Tests performed on sample: BAFB-0410

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW9045	Soil pH	01/18/89	dry	1.0	N/A
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.4	N/A	%
SOIL pH (SW9045)	6.2	N/A	N/A
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15200	25.8	
Barium	213	12.9	
Calcium	4200	129	
Chromium	9.5	3.9	
Cobalt	11.0	5.2	
Copper	26.9	3.9	
Iron	18200	12.9	
Magnesium	2890	129	
Manganese	950	1.9	
Nickel	7.5	5.2	
Sodium	796	129	
Vanadium	36.6	5.2	
Zinc	51.4	2.6	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0410)

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0411
Laboratory No. : 22124-1
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 4-C-1SB
Sampling Date : 01/18/89
Matrix : Soil

Tests performed on sample: BAFB-0411		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW9045	Soil pH	01/19/89	dry	1.0	N/A
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.9	N/A	%
SOIL pH (SW9045)	7.6	N/A	N/A
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5650	26.6	
Barium	154	13.3	
Cadmium	2.7	1.3	
Calcium	1460	133	
Chromium	10.0	4.0	
Copper	28.1	4.0	
Iron	16100	13.3	
Lead	110	26.6	
Magnesium	1120	133	
Manganese	75.1	2.0	
Potassium	533	266	
Sodium	2380	133	
Vanadium	44.9	5.3	
Zinc	36.1	2.7	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0411)

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0412
Laboratory No. : 22124-2
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 4-C-1SB
Sampling Date : 01/18/89
Matrix : Soil

Tests performed on sample: BAFB-0412

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW9045	Soil pH	01/19/89	dry	1.0	N/A
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.6	N/A	%
SOIL pH (SW9045)	3.6	N/A	N/A
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15400	25.5	
Barium	569	12.8	
Beryllium	1.1	0.64	
Calcium	2320	128	
Chromium	47.2	3.8	
Cobalt	16.6	5.1	
Copper	27.6	3.8	
Iron	25100	12.8	
Magnesium	2360	128	
Manganese	2930	1.9	
Nickel	29.8	5.1	
Potassium	1390	255	
Sodium	1160	128	
Vanadium	68.2	5.1	
Zinc	53.3	2.6	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0412)

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0413
Laboratory No. : 22124-3
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 4-C-1SB
Sampling Date : 01/18/89
Matrix : Soil

Tests performed on sample: BAFB-0413		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW9045	Soil pH	01/19/89	dry	1.0	N/A
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.7	N/A	%
SOIL PH (SW9045)	6.4	N/A	N/A
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW5010)			mg/kg
Aluminum	6340	23.2	
Barium	492	11.6	
Calcium	1710	116	
Chromium	7.1	3.5	
Cobalt	5.0	4.6	
Copper	13.9	3.5	
Iron	8490	11.6	
Magnesium	2380	116	
Manganese	2320	1.7	
Nickel	6.6	4.6	
Potassium	1010	232	
Sodium	569	116	
Thallium	24.7 J	57.9	
Vanadium	19.7	4.6	
Zinc	29.1	2.3	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0413)

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0414
Laboratory No. : 22124-4
Sample Depth : 39.00 - 40.50 ft. BGS
Field Replicate for BAFB-0413

Field Log No. : 4-C-1SB
Sampling Date : 01/18/89
Matrix : Soil

Tests performed on sample: BAFB-0414 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.2	N/A	%
SOIL pH (SW9045)	(Analysis not performed for this sample)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<11	11	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5440	22.8	
Barium	286	11.4	
Calcium	1660	114	
Chromium	6.4	3.4	
Cobalt	6.4	4.6	
Copper	7.3	3.4	
Iron	8510	11.4	
Magnesium	2060	114	
Manganese	1320	1.7	
Nickel	4.7	4.6	
Potassium	877	228	
Sodium	505	114	
Thallium	23.0 J	56.9	
Vanadium	15.9	4.6	
Zinc	19.4	2.3	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0414)

BEALE AFB SITE 4: Soil Data 1988/1989

Field No. : BAFB-0415
Laboratory No. : 22124-5
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 4-C-1SB
Sampling Date : 01/18/89
Matrix : Soil

Tests performed on sample: BAFB-0415

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW9045	Soil pH	01/19/89	dry	1.0	N/A
TFH-DIESEL	TFH-Diesel	02/16/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg
SW6010	ICP Metals	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.6	N/A	%
SOIL pH (SW9045)	6.3	N/A	N/A
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11200	23.4	
Barium	171	11.7	
Calcium	3780	117	
Chromium	6.9	3.5	
Cobalt	5.0	4.7	
Copper	11.7	3.5	
Iron	7740	11.7	
Magnesium	1790	117	
Manganese	429	1.8	
Potassium	457	234	
Sodium	802	117	
Thallium	15.2	58.5	
Vanadium	14.1	4.7	
Zinc	16.4	2.3	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0415)

SITE 4

Water Data 1st Round Sampling

BEALE AFB SITE 4: Water Data 1st Round Sampling 1989

Field No. : BAFB-0525
Laboratory No. : 22914-1
Normal Environmental Sample

Field Log No. : 4-A-1GW
Sampling Date : 04/04/89
Matrix : Water

Tests performed on sample: BAFB-0525 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	04/04/89	wet	1.0	umhos/cm
E170.1	Temperature	04/04/89	wet	1.0	degreesc
E150.1	pH	04/04/89	wet	1.0	pH
SM403	Alkalinity - Total	04/04/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	04/04/89	wet	1.0	mg/l
SM403	Bicarbonate	04/04/89	wet	1.0	mg/l
SM403	Carbonate	04/04/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/07/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/18/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/21/89	wet	1.0	mg/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	162	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.08	N/A	pH
ALKALINITY-TOTAL (SM403)	66.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	81.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	161	3.0	mg/l
CHLORIDE (E325.3)	9.2	1.0	mg/l
FLUORIDE (E340.2)	0.32	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0525 continued on next page)

(results for BAFB-0525 continued)

Field No. : BAFB-0525
Laboratory No. : 22914-1
Normal Environmental Sample

Field Log No. : 4-A-1GW
Sampling Date : 04/04/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	12.5	0.050	mg/l
SULFATE (E375.4)	3.8	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.6	1.00	
Potassium	1.90	1.00	
Magnesium	5.83	1.00	
Sodium	18.9	1.00	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0525)

SITE 4

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 4: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0628
Laboratory No. : 24246-1
Normal Environmental Sample

Field Log No. : 4-A-1GW
Sampling Date : 09/07/89
Matrix : Water

Tests performed on sample: BAFB-0628

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/07/89	wet	1.0	umhos/cm
E170.1	Temperature	09/07/89	wet	1.0	degrees c
E150.1	pH	09/07/89	wet	1.0	pH
SM403	Alkalinity - Total	09/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/07/89	wet	1.0	mg/l
SM403	Bicarbonate	09/07/89	wet	1.0	mg/l
SM403	Carbonate	09/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/14/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	10/03/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	172	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.49	N/A	pH
ALKALINITY-TOTAL (SM403)	59.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	72.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	176	3.0	mg/l
CHLORIDE (E325.3)	9.8	1.0	mg/l
FLUORIDE (E340.2)	0.26	0.10	mg/l
NITRATE + NITRITE (E353.3)	12.9	0.13	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0628 continued on next page)

(results for BAFB-0628 continued)

Field No. : BAFB-0628
Laboratory No. : 24246-1
Normal Environmental Sample

Field Log No. : 4-A-1GW
Sampling Date : 09/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SULFATE (E375.4)	1.2	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.2	1.00	
Magnesium	5.36	1.00	
Potassium	1.07	1.00	
Sodium	17.1	1.00	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0628)

SITE 5

Soil Analyses

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0029
Laboratory No. : 21629-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0029

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	8.2	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<11	11	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<54	54	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0029)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0030
Laboratory No. : 21629-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0030		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	400	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<110	110	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0030)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0031
Laboratory No. : 21629-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0031

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	940	1.2	mg/kg
TFH-GAS (TFH-GAS)	95	59	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0031)

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BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0032
Laboratory No. : 21629-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0032

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18	N/A	%
TFH-DIESEL (TFH-DIESEL)	130	1.2	mg/kg
TFH-GAS (TFH-GAS)	230	61	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0032)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0033
Laboratory No. : 21629-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-5SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0033		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	61	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0033)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0034
Laboratory No. : 21629-6
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0033

Field Log No. : 5-C-5SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0034		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12	N/A	%
TFH-DIESEL (TFH-DIESEL)	28	1.1	mg/kg
TFH-GAS (TFH-GAS)	100	57	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0034)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0380
Laboratory No. : 22042-2
Sample Depth : 0.00 - 3.00 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0380

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/12/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.4	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0380)

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BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0381
Laboratory No. : 22042-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0381

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/12/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0381)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0382
Laboratory No. : 22042-4
Sample Depth : 23.00 - 24.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0382

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.4	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0382)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0383
Laboratory No. : 22042-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0383		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0383)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0384
Laboratory No. : 22042-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0384		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0384)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0385
Laboratory No. : 22042-7
Sample Depth : 41.50 - 43.00 ft. BGS
Field Replicate for BAFB-0384

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0385		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0385)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0386
Laboratory No. : 22042-8
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-1SB
Sampling Date : 01/09/89
Matrix : Soil

Tests performed on sample: BAFB-0386

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0386)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0387
Laboratory No. : 22052-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0387

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.1	N/A	%
TFH-DIESEL (TFH-DIESEL)	3.5	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0387)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0388
Laboratory No. : 22052-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0388

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0388)

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BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0389
Laboratory No. : 22052-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0389

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0389)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0390
Laboratory No. : 22052-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0390

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.2	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0390)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0391
Laboratory No. : 22052-6
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0391 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0391)

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Field No. : BAFB-0392
Laboratory No. : 22052-7
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-2SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0392

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/12/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	9.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<22	22	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0392)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0393
Laboratory No. : 22070-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0393

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	16	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0393)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0395
Laboratory No. : 22070-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0395 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0395)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0394
Laboratory No. : 22070-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0394		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.2	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0394)

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BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0396
Laboratory No. : 22070-5
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0396		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0396)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0397
Laboratory No. : 22070-6
Sample Depth : 31.50 - 33.00 ft. BGS
Field Replicate for BAFB-0396

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0397 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0397)

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BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0398
Laboratory No. : 22070-7
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0398		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0398)

SITE5S.FRI

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0399
Laboratory No. : 22070-8
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-3SB
Sampling Date : 01/11/89
Matrix : Soil

Tests performed on sample: BAFB-0399		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0399)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0400
Laboratory No. : 22078-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0400

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0400)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0401
Laboratory No. : 22078-3
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0401

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0401)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0402
Laboratory No. : 22078-4
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0402		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/14/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0402)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0403
Laboratory No. : 22081-2
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0403

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0403)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0404
Laboratory No. : 22081-3
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0404

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<11	11	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0404)

BEALE AFB SITE 5: Soil Data 1988/1989

Field No. : BAFB-0405
Laboratory No. : 22081-4
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 5-C-4SB
Sampling Date : 01/12/89
Matrix : Soil

Tests performed on sample: BAFB-0405

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.4	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0405)

SITE 5

Water Data 1st Round Sampling 1989

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0488
Laboratory No. : 22660-1
Normal Environmental Sample

Field Log No. : 5-C-1GW
Sampling Date : 03/10/89
Matrix : Water

Field No. : BAFB-0472

Field Log No. : 5-C-2SW

Tests performed on sample: BAFB-0488

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/10/89	wet	1.0	umhos/cm
E170.1	Temperature	03/10/89	wet	1.0	degrees c
E150.1	pH	03/10/89	wet	1.0	pH
SM403	Alkalinity - Total	03/10/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/10/89	wet	1.0	mg/l
SM403	Bicarbonate	03/10/89	wet	1.0	mg/l
SM403	Carbonate	03/10/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	04/03/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/14/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	165	N/A	umhos/cm
TEMPERATURE (E170.1)	21.3	N/A	degrees c
pH (E150.1)	7.29	N/A	pH
ALKALINITY-TOTAL (SM403)	56.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	68.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	182	3.0	mg/l
CHLORIDE (E325.3)	10.9	1.0	mg/l
FLUORIDE (E340.2)	0.30	0.050	mg/l
NITRATE + NITRITE (E353.3)	10.2	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0488 continued on next page)

(results for BAFB-0488 continued)

Field No. : BAFB-0488
Laboratory No. : 22660-1
Normal Environmental Sample

Field Log No. : 5-C-1GW
Sampling Date : 03/10/89
Matrix : Water

Description	Value	Detection Limit	Units
SULFATE (E375.4)	4.9	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.7	1.00	
Potassium	1.60	1.00	
Magnesium	5.90	1.00	
Sodium	18.6	1.00	
Zinc	0.084	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	107	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0488)

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0489
Laboratory No. : 22674-1
Normal Environmental Sample

Field Log No. : 5-A-1GW
Sampling Date : 03/13/89
Matrix : Water

Tests performed on sample: BAFB-0489 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/13/89	wet	1.0	umhos/cm
E170.1	Temperature	03/13/89	wet	1.0	degrees c
E150.1	pH	03/13/89	wet	1.0	pH
SM403	Alkalinity - Total	03/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/13/89	wet	1.0	mg/l
SM403	Bicarbonate	03/13/89	wet	1.0	mg/l
SM403	Carbonate	03/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	04/03/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/30/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	161	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.43	N/A	pH
ALKALINITY-TOTAL (SM403)	72.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	88.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	174	3.0	mg/l
CHLORIDE (E325.3)	9.9	1.0	mg/l
FLUORIDE (E340.2)	0.30	0.050	mg/l
NITRATE + NITRITE (E353.3)	9.8	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0489 continued on next page)

(results for BAFB-0489 continued)

Field No. : BAFB-0489
Laboratory No. : 22674-1
Normal Environmental Sample

Field Log No. : 5-A-1GW
Sampling Date : 03/13/89
Matrix : Water

Description	Value	Detection Limit	Units
SULFATE (E375.4)	5.1	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.1	1.00	
Potassium	1.50	1.00	
Magnesium	5.39	1.00	
Sodium	15.1	1.00	
Zinc	0.022	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	107	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0489)

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0471
Laboratory No. : 22542-1
Normal Environmental Sample

Field Log No. : 5-C-1SW
Sampling Date : 03/02/89
Matrix : Water

Tests performed on sample: BAFB-0471 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/02/89	wet	1.0	umhos/cm
E170.1	Temperature	03/02/89	wet	1.0	degrees c
E150.1	pH	03/02/89	wet	1.0	pH
E160.1	Total Dissolved Solids	03/07/89	wet	1.0	mg/l
E325.3	Chloride	03/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/23/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	105	N/A	umhos/cm
TEMPERATURE (E170.1)	13.0	N/A	degrees c
pH (E150.1)	7.39	N/A	pH
ALKALINITY-TOTAL (SM403)	(Analysis not performed for this sample)		
ALKALINITY-PHENOLPHTHALEIN	(Analysis not performed for this sample)		
BICARBONATE (SM403)	(Analysis not performed for this sample)		
CARBONATE (SM403)	(Analysis not performed for this sample)		
TOTAL DISSOLVED SOLIDS (E160.1)	102	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.010	0.010	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0471 continued on next page)

(results for BAFB-0471 continued)

Field No. : BAFB-0471
Laboratory No. : 22542-1
Normal Environmental Sample

Field Log No. : 5-C-1SW
Sampling Date : 03/02/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	1.3	0.050	mg/l
SULFATE (E375.4)	11.2	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	0.20	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	23.1	1.00	
Sodium	5.68	1.00	
Zinc	0.889	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	105	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0471)

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0473
Laboratory No. : 22542-3
Field Replicate for BAFB-0471

Field Log No. : 5-C-1SW
Sampling Date : 03/02/89
Matrix : Water

Tests performed on sample: BAFB-0473

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/02/89	wet	1.0	umhos/cm
E170.1	Temperature	03/02/89	wet	1.0	degrees c
E150.1	pH	03/02/89	wet	1.0	pH
TFH-DIESEL	TFH-Diesel	03/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	105	N/A	umhos/cm
TEMPERATURE (E170.1)	13.0	N/A	degrees c
pH (E150.1)	7.55	N/A	pH
ALKALINITY-TOTAL (SM403)	(Analysis not performed for this sample)		
ALKALINITY-PHENOLPHTHALEIN	(Analysis not performed for this sample)		
BICARBONATE (SM403)	(Analysis not performed for this sample)		
CARBONATE (SM403)	(Analysis not performed for this sample)		
TOTAL DISSOLVED SOLIDS (E160.1)	(Analysis not performed for this sample)		
CHLORIDE (E325.3)	(Analysis not performed for this sample)		
FLUORIDE (E340.2)	(Analysis not performed for this sample)		
NITRATE + NITRITE (E353.3)	(Analysis not performed for this sample)		
SULFATE (E375.4)	(Analysis not performed for this sample)		

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0473 continued on next page)

(results for BAFB-0473 continued)

Field No. : BAFB-0473
Laboratory No. : 22542-3
Field Replicate for BAFB-0471

Field Log No. : 5-C-1SW
Sampling Date : 03/02/89
Matrix : Water

Description	Value	Limit	Units
TFH-DIESEL (TFH-DIESEL)	0.30	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)	(Analysis not performed for this sample)		
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	96	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0473)

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0474
Laboratory No. : 22542-4
Equipment Wash Blank

Field Log No. : 5-C-1SW
Sampling Date : 03/02/89
Matrix : Water

Tests performed on sample: BAFB-0474		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
TFH-DIESEL	TFH-Diesel	03/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TFH-DIESEL (TFH-DIESEL)	0.10	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0474)

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0475
Laboratory No. : 22542-5
Field Blank

Field Log No. : 5-C-1SW
Sampling Date : 03/02/89
Matrix : Water

Tests performed on sample: BAFB-0475

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	111	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0475)

BEALE AFB SITE 5: Water Data 1st Round Sampling 1989

Field No. : BAFB-0472
Laboratory No. : 22542-2
Normal Environmental Sample

Field Log No. : 5-C-2SW
Sampling Date : 03/02/89
Matrix : Water

Tests performed on sample: BAFB-0472 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/02/89	wet	1.0	umhos/cm
E170.1	Temperature	03/02/89	wet	1.0	degrees c
E150.1	pH	03/02/89	wet	1.0	pH
E160.1	Total Dissolved Solids	03/07/89	wet	1.0	mg/l
E325.3	Chloride	03/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/23/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	62	N/A	umhos/cm
TEMPERATURE (E170.1)	11.5	N/A	degrees c
pH (E150.1)	7.65	N/A	pH
ALKALINITY-TOTAL (SM403)	(Analysis not performed for this sample)		
ALKALINITY-PHENOLPHTHALEIN	(Analysis not performed for this sample)		
BICARBONATE (SM403)	(Analysis not performed for this sample)		
CARBONATE (SM403)	(Analysis not performed for this sample)		
TOTAL DISSOLVED SOLIDS (E160.1)	72.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.010	0.010	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0472 continued on next page)

(results for BAFB-0472 continued)

Field No. : BAFB-0472
Laboratory No. : 22542-2
Normal Environmental Sample

Field Log No. : 5-C-2SW
Sampling Date : 03/02/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	0.82	0.050	mg/l
SULFATE (E375.4)	4.4	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	0.30	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	17.0	1.00	
Sodium	2.58	1.00	
Zinc	0.208	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	124	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0472)

SITE 5

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 5: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0626
Laboratory No. : 24242-6
Normal Environmental Sample

Field Log No. : 5-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Tests performed on sample: BAFB-0626

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/06/89	wet	1.0	umhos/cm
E170.1	Temperature	09/06/89	wet	1.0	degrees c
E150.1	pH	09/06/89	wet	1.0	pH
SM403	Alkalinity - Total	09/06/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/06/89	wet	1.0	mg/l
SM403	Bicarbonate	09/06/89	wet	1.0	mg/l
SM403	Carbonate	09/06/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/13/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/26/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/09/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	180	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.36	N/A	pH
ALKALINITY-TOTAL (SM403)	62.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	75.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	191	3.0	mg/l
CHLORIDE (E325.3)	12.8	1.0	mg/l
FLUORIDE (E340.2)	0.18	0.10	mg/l
NITRATE + NITRITE (E353.3)	12.7	0.13	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0626 continued on next page)

(results for BAFB-0626 continued)

Field No. : BAFB-0626
Laboratory No. : 24242-6
Normal Environmental Sample

Field Log No. : 5-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Description	Value		Detection Limit	Units
SULFATE (E375.4)	8.0		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	10.9		1.00	
Magnesium	6.11		1.00	
Potassium	2.05		1.00	
Sodium	18.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	66	(60)	1	
Bromochloromethane (SS)	92		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0626)

BEALE AFB SITE 5: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0627
Laboratory No. : 24242-7
Normal Environmental Sample

Field Log No. : 5-A-1GW
Sampling Date : 09/06/89
Matrix : Water

Tests performed on sample: BAFB-0627 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/06/89	wet	1.0	umhos/cm
E170.1	Temperature	09/06/89	wet	1.0	degrees c
E150.1	pH	09/06/89	wet	1.0	pH
SM403	Alkalinity - Total	09/06/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/06/89	wet	1.0	mg/l
SM403	Bicarbonate	09/06/89	wet	1.0	mg/l
SM403	Carbonate	09/06/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/13/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/09/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	162	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.54	N/A	pH
ALKALINITY-TOTAL (SM403)	59.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	72.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	254	3.0	mg/l
CHLORIDE (E325.3)	9.5	1.0	mg/l
FLUORIDE (E340.2)	0.020	0.10	mg/l
NITRATE + NITRITE (E353.3)	11.4	0.13	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0627 continued on next page)

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(results for BAFB-0627 continued)

Field No. : BAFB-0627
Laboratory No. : 24242-7
Normal Environmental Sample

Field Log No. : 5-A-1GW
Sampling Date : 09/06/89
Matrix : Water

Description	Value	Detection Limit	Units
SULFATE (E375.4)	6.0	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	10.7	1.00	
Magnesium	4.65	1.00	
Manganese	0.109	0.015	
Potassium	2.04	1.00	
Sodium	15.7	1.00	
Zinc	0.070	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0627)

BEALE AFB SITE 5: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0650
Laboratory No. : 24350-3
Normal Environmental Sample

Field Log No. : 5-C-1SW
Sampling Date : 09/18/89
Matrix : Water

Tests performed on sample: BAFB-0650 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/18/89	wet	1.0	umhos/cm
E170.1	Temperature	09/18/89	wet	1.0	degrees c
E150.1	pH	09/18/89	wet	1.0	pH
SM403	Alkalinity - Total	09/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/18/89	wet	1.0	mg/l
SM403	Bicarbonate	09/18/89	wet	1.0	mg/l
SM403	Carbonate	09/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	27	N/A	umhos/cm
TEMPERATURE (E170.1)	15.5	N/A	degrees c
pH (E150.1)	8.28	N/A	pH
ALKALINITY-TOTAL (SM403)	24.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	29.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	27.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0650 continued on next page)

(results for BAFB-0650 continued)

Field No. : BAFB-0650
Laboratory No. : 24350-3
Normal Environmental Sample

Field Log No. : 5-C-1SW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	0.31	0.13	mg/l
SULFATE (E375.4)	1.4	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	0.16	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	6.10	1.00	
Sodium	1.31	1.00	
Zinc	0.028	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	124	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0650)

BEALE AFB SITE 5: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0649
Laboratory No. : 24350-1
Normal Environmental Sample

Field Log No. : 5-C-2SW
Sampling Date : 09/18/89
Matrix : Water

Tests performed on sample: BAFB-0649

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/18/89	wet	1.0	umhos/cm
E170.1	Temperature	09/18/89	wet	1.0	degrees c
E150.1	pH	09/18/89	wet	1.0	pH
SM403	Alkalinity - Total	09/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/18/89	wet	1.0	mg/l
SM403	Bicarbonate	09/18/89	wet	1.0	mg/l
SM403	Carbonate	09/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	27	N/A	umhos/cm
TEMPERATURE (E170.1)	15.0	N/A	degrees c
pH (E150.1)	8.47	N/A	pH
ALKALINITY-TOTAL (SM403)	20.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	24.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	10.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0649 continued on next page)

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(results for BAFB-0649 continued)

Field No. : BAFB-0649
Laboratory No. : 24350-1
Normal Environmental Sample

Field Log No. : 5-C-2SW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	0.35	0.13	mg/l
SULFATE (E375.4)	1.4	1.0	mg/l
TFH-DIESEL (TFH-DIESEL)	2.2	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	5.10	1.00	
Zinc	0.070	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	105	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0649)

SITE 6

Soil Analyses

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0087
Laboratory No. : 21725-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0087		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg.
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.7	4.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16100	23.7	
Barium	269	11.9	
Calcium	5110	119	
Chromium	32.7	3.6	
Cobalt	22.5	4.7	
Copper	60.3	3.6	
Iron	27000	11.9	
Magnesium	6630	119	
Manganese	816	1.8	
Nickel	29.9	4.7	
Potassium	427	237	
Sodium	189	119	
Vanadium	66.3	4.7	
Zinc	65.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0087 continued on next page)

(results for BAFB-0087 continued)

Field No. : BAFB-0087
Laboratory No. : 21725-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.15	0.006	
Toluene	0.090	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.3 B	0.39	
2-Fluorophenol (SS)	40	N/A	
Phenol-d5 (SS)	52	N/A	
Nitrobenzene-d5 (SS)	46	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	41	N/A	
p-Terphenyl-d14 (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0087)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0088
Laboratory No. : 21725-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0088 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/07/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.9	4.9	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16000	24.6	
Barium	185	12.3	
Calcium	6400	123	
Chromium	37.5	3.7	
Cobalt	20.9	4.9	
Copper	73.1	3.7	
Iron	31900	12.3	
Magnesium	5820	123	
Manganese	1050	1.8	
Nickel	22.1	4.9	
Sodium	207	123	
Vanadium	90.3	4.9	
Zinc	68.8	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0088 continued on next page)

(results for BAFB-0088 continued)

Field No. : BAFB-0088
Laboratory No. : 21725-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.14	0.006	
Toluene	0.041	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.41	
2-Fluorophenol (SS)	60	N/A	
Phenol-d5 (SS)	79	N/A	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	
p-Terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0088)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0089
Laboratory No. : 21725-4
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0089

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/08/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15	N/A	%
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.7	4.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10900	23.5	
Barium	40.9	11.8	
Calcium	4940	118	
Chromium	37.2	3.5	
Cobalt	115	4.7	
Copper	40.4	3.5	
Iron	20700	11.8	
Magnesium	5520	118	
Manganese	341	1.8	
Nickel	22.4	4.7	
Sodium	215	118	
Vanadium	62.1	4.7	
Zinc	52.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0089 continued on next page)

(results for BAFB-0089 continued)

Field No. : BAFB-0089
Laboratory No. : 21725-4
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.027	0.006	
Toluene	0.016	0.006	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.39	
2-Fluorophenol (SS)	58	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0089)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0177
Laboratory No. : 21830-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0177

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	9.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<55	55	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10800	22.2	
Barium	143	11.1	
Calcium	3810	111	
Chromium	37.3	3.3	
Cobalt	21.1	4.4	
Copper	44.2	3.3	
Iron	29300	11.1	
Magnesium	3810	111	
Manganese	753	1.7	
Nickel	20.0	4.4	
Sodium	223	111	
Vanadium	83.9	4.4	
Zinc	43.8	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0177 continued on next page)

(results for BAFB-0177 continued)

Field No. : BAFB-0177
Laboratory No. : 21830-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.037	0.005	
Toluene	0.003 J	0.005	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	0.37	
2-Fluorophenol (SS)	57	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0177)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0178
Laboratory No. : 21830-3
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0178

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/22/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20500	24.8	
Barium	244	12.4	
Beryllium	0.74	0.62	
Calcium	7790	124	
Chromium	47.4	3.7	
Cobalt	28.3	5.0	
Copper	58.8	3.7	
Iron	36400	12.4	
Magnesium	8100	124	
Manganese	964	1.9	
Nickel	36.7	5.0	
Potassium	459	248	
Sodium	408	124	
Vanadium	100	5.0	
Zinc	71.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0178 continued on next page)

(results for BAFB-0178 continued)

Field No. : BAFB-0178
Laboratory No. : 21830-3
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.035	0.006	
Acetone	0.11 B	0.006	
Toluene	0.002 J	0.006	
Xylenes (total)	0.002 J	0.006	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	104	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.41	
2-Fluorophenol (SS)	59	N/A	
Phenol-d5 (SS)	83	N/A	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0178)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0179
Laboratory No. : 21830-4
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0179

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17400	25.3	
Barium	112	12.7	
Beryllium	0.76	0.63	
Calcium	5800	127	
Chromium	37.0	3.8	
Cobalt	22.8	5.1	
Copper	51.3	3.8	
Iron	38300	12.7	
Magnesium	7290	127	
Manganese	584	1.9	
Nickel	25.3	5.1	
Potassium	266	253	
Sodium	387	127	
Vanadium	86.9	5.1	
Zinc	66.8	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0179 continued on next page)

(results for BAFB-0179 continued)

Field No. : BAFB-0179
Laboratory No. : 21830-4
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.061	0.031	
Acetone	1.5	0.031	
2-Butanone	0.99	0.063	
4-Methyl-2-Pentanone	0.070	0.063	
Toluene	0.016 J	0.031	
1,2-Dichloroethane-d4 (SS)	102	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.24 J	0.42	
2-Fluorophenol (SS)	55	N/A	
Phenol-d5 (SS)	79	N/A	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0179)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0180
Laboratory No. : 21830-5
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0180

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8990	23.1	
Barium	63.4	11.5	
Calcium	3480	115	
Chromium	18.5	3.5	
Cobalt	11.5	4.6	
Copper	43.1	3.5	
Iron	20600	11.5	
Magnesium	3770	115	
Manganese	453	1.7	
Nickel	16.1	4.6	
Potassium	254	231	
Sodium	231	115	
Vanadium	65.1	4.6	
Zinc	45.9	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0180 continued on next page)

(results for BAFB-0180 continued)

Field No. : BAFB-0180
Laboratory No. : 21830-5
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032	0.006	
Toluene	0.004 J	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.38	
2-Fluorophenol (SS)	56	N/A	
Phenol-d5 (SS)	83	N/A	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0180)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0226
Laboratory No. : 21830-6
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0226

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.068	0.068	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<57	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7650	22.8	
Barium	92.5	11.4	
Calcium	3250	114	
Chromium	26.6	3.4	
Cobalt	14.8	4.6	
Copper	39.0	3.4	
Iron	23500	11.4	
Magnesium	4060	114	
Manganese	544	1.7	
Nickel	12.5	4.6	
Potassium	307	228	
Sodium	174	114	
Vanadium	79.1	4.6	
Zinc	44.7	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0226 continued on next page)

Field No. : BAFB-0226
Laboratory No. : 21830-6
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.038	0.007	
Acetone	0.013 B	0.007	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.38	
2-Fluorophenol (SS)	50	N/A	
Phenol-d5 (SS)	77	N/A	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	46	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0226)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0227
Laboratory No. : 21830-7
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0227

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/23/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	77	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8810	24.8	
Barium	52.1	12.4	
Calcium	3460	124	
Chromium	14.9	3.7	
Cobalt	5.5	5.0	
Copper	31.5	3.7	
Iron	13500	12.4	
Magnesium	3310	124	
Manganese	230	1.9	
Nickel	10.4	5.0	
Potassium	298	248	
Sodium	252	124	
Vanadium	31.0	5.0	
Zinc	32.6	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0227 continued on next page)

(results for BAFB-0227 continued)

Field No. : BAFB-0227
Laboratory No. : 21830-7
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-2SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.038	0.007	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.41	
2-Fluorophenol (SS)	48	N/A	
Phenol-d5 (SS)	66	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	
p-Terphenyl-d14 (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0227)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0164
Laboratory No. : 21788-4
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0164

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.068	0.068	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.7	5.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<57	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14400	22.8	
Barium	119	11.4	
Calcium	2970	114	
Chromium	44.4	3.4	
Cobalt	21.7	4.6	
Copper	41.2	3.4	
Iron	30600	11.4	
Magnesium	3220	114	
Manganese	930	1.7	
Nickel	13.7	4.6	
Potassium	411	228	
Sodium	111	114	
Vanadium	114	4.6	
Zinc	43.2	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0164 continued on next page)

(results for BAFB-0164 continued)

Field No. : BAFB-0164
Laboratory No. : 21788-4
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.006	
Acetone	0.018	0.011	
Toluene	0.021	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.54	0.38	
Nitrobenzene-d5 (SS)	91	N/A	
2-Fluorophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	96	N/A	
Phenol-d5 (SS)	93	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
2,4,6-Tribromophenol (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0164)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0165
Laboratory No. : 21788-5
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0165

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.1	6.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17400	24.3	
Barium	170	12.2	
Calcium	3850	122	
Chromium	14.6	3.6	
Cobalt	10.6	4.9	
Copper	14.6	3.6	
Iron	19400	12.2	
Magnesium	3100	122	
Manganese	558	1.8	
Nickel	12.2	4.9	
Potassium	413	243	
Sodium	237	122	
Vanadium	39.9	4.9	
Zinc	42.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0165 continued on next page)

(results for BAFB-0165 continued)

Field No. : BAFB-0165
Laboratory No. : 21788-5
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.006	
Acetone	0.016 B	0.012	
trans-1,2,-Dichloroethene	0.005 J	0.006	
2-Hexanone	0.006 J	0.012	
Toluene	0.049	0.006	
Chlorobenzene	0.005 J	0.006	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	108	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.73	0.40	
Nitrobenzene-d5 (SS)	86	N/A	
2-Fluorophenol (SS)	82	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	92	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0165)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0166
Laboratory No. : 21788-6
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0166

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.1	6.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9520	24.5	
Barium	133	12.2	
Calcium	2800	122	
Chromium	7.2	3.7	
Cobalt	8.6	4.9	
Copper	14.7	3.7	
Iron	12200	12.2	
Magnesium	2480	122	
Manganese	517	1.8	
Nickel	7.1	4.9	
Potassium	636	245	
Sodium	187	122	
Vanadium	27.4	4.9	
Zinc	41.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0166 continued on next page)

(results for BAFB-0166 continued)

Field No. : BAFB-0166
Laboratory No. : 21788-6
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.011 B	0.006	
Acetone	0.024 B	0.012	
trans-1,2,-Dichloroethene	0.005 J	0.006	
2-Butanone	0.006 J	0.012	
Toluene	0.083	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.26 J	0.40	
bis(2-Ethylhexyl)Phthalate	0.078 J	0.40	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorophenol (SS)	84	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
2,4,6-Tribromophenol (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0166)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0167
Laboratory No. : 21788-7
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0167		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.1	6.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11100	24.5	
Barium	133	12.3	
Calcium	2980	123	
Chromium	10.7	3.7	
Cobalt	10.3	4.9	
Copper	18.4	3.7	
Iron	14700	12.3	
Magnesium	2430	123	
Manganese	615	1.8	
Nickel	9.3	4.9	
Potassium	577	245	
Sodium	172	123	
Vanadium	29.9	4.9	
Zinc	41.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0167 continued on next page)

(results for BAFB-0167 continued)

Field No. : BAFB-0167
Laboratory No. : 21788-7
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007 B	0.006	
Acetone	0.022 B	0.012	
2-Butanone	0.007 J	0.012	
Toluene	0.11	0.006	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	107	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.080 J	0.40	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorophenol (SS)	83	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	93	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0167)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0168
Laboratory No. : 21789-5
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0168

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.3	6.3	mg/kg
TFH-GAS (TFH-GAS)	81	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15300	25.1	
Barium	575	12.5	
Calcium	7520	125	
Chromium	31.3	3.8	
Cobalt	42.0	5.0	
Copper	47.6	3.8	
Iron	25200	12.5	
Magnesium	6520	125	
Manganese	2430	1.9	
Nickel	25.2	5.0	
Potassium	802	251	
Sodium	184	125	
Vanadium	79.6	5.0	
Zinc	49.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0168 continued on next page)

(results for BAFB-0168 continued)

Field No. : BAFB-0168
Laboratory No. : 21789-5
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 BJ	0.006	
Acetone	0.096 B	0.013	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.46	0.41	
Nitrobenzene-d5 (SS)	81	N/A	
2-Fluorophenol (SS)	64	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
2,4,6-Tribromophenol (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0168)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0169
Laboratory No. : 21788-2
Sample Depth : 55.00 - 56.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0169

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.1	6.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	24.4	
Barium	428	12.2	
Calcium	6330	122	
Chromium	30.9	3.7	
Cobalt	35.6	4.9	
Copper	43.0	3.7	
Iron	25700	12.2	
Magnesium	5110	122	
Manganese	2030	1.8	
Nickel	27.8	4.9	
Potassium	1220	244	
Sodium	191	122	
Vanadium	97.9	4.9	
Zinc	45.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0169 continued on next page)

Field No. : BAFB-0169
Laboratory No. : 21788-2
Sample Depth : 55.00 - 56.50 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.006	
Acetone	0.015	0.012	
2-Butanone	0.009 J	0.012	
Toluene	0.062	0.006	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.16 J	0.40	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	88	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0169)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0170
Laboratory No. : 21788-3
Sample Depth : 57.50 - 59.00 ft. BGS
Field Replicate for BAFB-0169

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0170

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.8	5.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6960	23.4	
Barium	114	11.7	
Calcium	3760	117	
Chromium	18.7	3.5	
Cobalt	12.9	4.7	
Copper	25.9	3.5	
Iron	16600	11.7	
Magnesium	3350	117	
Manganese	534	1.8	
Nickel	11.7	4.7	
Potassium	829	234	
Sodium	137	117	
Vanadium	53.4	4.7	
Zinc	34.6	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0170 continued on next page)

(results for BAFB-0170 continued)

Field No. : BAFB-0170
Laboratory No. : 21788-3
Sample Depth : 57.50 - 59.00 ft. BGS
Field Replicate for BAFB-0169

Field Log No. : 6-C-3SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.006	
Acetone	0.016	0.012	
Toluene	0.046	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.21 J	0.39	
bis(2-Ethylhexyl)Phthalate	0.085 J	0.39	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorophenol (SS)	80	N/A	
p-Terphenyl-d14 (SS)	96	N/A	
Phenol-d5 (SS)	92	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0170)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0228
Laboratory No. : 21832-2
Sample Depth : 6.50 - 8.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0228

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/24/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/22/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13600	24.1	
Barium	159	12.0	
Calcium	4450	120	
Chromium	44.1	3.6	
Cobalt	11.1	4.8	
Copper	56.9	3.6	
Iron	35800	12.0	
Magnesium	7140	120	
Manganese	340	1.8	
Nickel	24.6	4.8	
Potassium	277	241	
Sodium	195	120	
Vanadium	119	4.8	
Zinc	63.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0228 continued on next page)

(results for BAFB-0228 continued)

Field No. : BAFB-0228
Laboratory No. : 21832-2
Sample Depth : 6.50 - 8.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.029	0.006	
Toluene	0.020	0.006	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	0.40	
Di-n-Butylphthalate	0.48	0.40	
2-Fluorophenol (SS)	47	N/A	
Phenol-d5 (SS)	68	N/A	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	62	N/A	
p-Terphenyl-d14 (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0228)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0229
Laboratory No. : 21832-3
Sample Depth : 16.50 - 18.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/12/88
Matrix : Soil

Tests performed on sample: BAFB-0229

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/24/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/24/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.083	0.083	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<69	69	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	27200	27.7	
Barium	241	13.9	
Calcium	13200	139	
Chromium	33.8	4.2	
Cobalt	16.6	5.5	
Copper	51.3	4.2	
Iron	30200	13.9	
Magnesium	7730	139	
Manganese	598	2.1	
Nickel	35.4	5.5	
Potassium	555	277	
Sodium	288	139	
Vanadium	51.3	5.5	
Zinc	83.8	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0229 continued on next page)

(results for BAFB-0229 continued)

Field No. : BAFB-0229
Laboratory No. : 21832-3
Sample Depth : 16.50 - 18.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/12/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.042	0.007	
Trichloroethene	0.002 J	0.007	
Benzene	0.005 J	0.007	
4-Methyl-2-Pentanone	0.004 J	0.014	
Toluene	0.058	0.007	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.46	
bis(2-Ethylhexyl)Phthalate	0.24 J	0.46	
2-Fluorophenol (SS)	54	N/A	
Phenol-d5 (SS)	76	N/A	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0229)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0230
Laboratory No. : 21846-2
Sample Depth : 26.50 - 28.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0230

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/24/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16300	25.9	
Barium	203	12.9	
Calcium	5760	129	
Chromium	40.6	3.9	
Cobalt	20.7	5.2	
Copper	60.2	3.9	
Iron	33600	12.9	
Magnesium	8870	129	
Manganese	1060	1.9	
Nickel	36.9	5.2	
Potassium	375	259	
Sodium	219	129	
Vanadium	89.9	5.2	
Zinc	78.5	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0230 continued on next page)

(results for BAFB-0230 continued)

Field No. : BAFB-0230
Laboratory No. : 21846-2
Sample Depth : 26.50 - 28.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.045	0.006	
Acetone	0.027	0.006	
Toluene	0.058	0.006	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	91	N/A	
1,4-Bromofluorobenzene (SS)	83	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.43	
Di-n-Butylphthalate	0.53	0.43	
2-Fluorophenol (SS)	51	N/A	
Phenol-d5 (SS)	72	N/A	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	54	N/A	
p-Terphenyl-d14 (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0230)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0231
Laboratory No. : 21846-3
Sample Depth : 36.50 - 38.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0231		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/24/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11200	25.1	
Barium	111	12.5	
Calcium	4540	125	
Chromium	21.3	3.8	
Cobalt	17.6	5.0	
Copper	41.8	3.8	
Iron	24000	12.5	
Magnesium	5180	125	
Manganese	670	1.9	
Nickel	20.1	5.0	
Sodium	184	125	
Vanadium	48.6	5.0	
Zinc	45.8	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0231 continued on next page)

(results for BAFB-0231 continued)

Field No. : BAFB-0231
Laboratory No. : 21846-3
Sample Depth : 36.50 - 38.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.037	0.006	
Acetone	0.008 J	0.006	
Toluene	0.023	0.006	
1,2-Dichloroethane-d4 (SS)	76	N/A	
Toluene-d8 (SS)	86	N/A	
1,4-Bromofluorobenzene (SS)	86	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.41	
Di-n-Butylphthalate	0.44	0.41	
2-Fluorophenol (SS)	54	N/A	
Phenol-d5 (SS)	77	N/A	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0231)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0232
Laboratory No. : 21846-4
Sample Depth : 46.50 - 48.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0232

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/24/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10800	23.1	
Barium	67.4	11.6	
Calcium	4600	116	
Chromium	23.8	3.5	
Cobalt	12.7	4.6	
Copper	36.1	3.5	
Iron	23200	11.6	
Magnesium	4610	116	
Manganese	379	1.7	
Nickel	16.2	4.6	
Potassium	243	231	
Sodium	185	116	
Vanadium	69.4	4.6	
Zinc	49.7	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0232 continued on next page)

(results for BAFB-0232 continued)

Field No. : BAFB-0232
Laboratory No. : 21846-4
Sample Depth : 46.50 - 48.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.037	0.006	
Toluene	0.006	0.006	
1,2-Dichloroethane-d4 (SS)	70	N/A	
Toluene-d8 (SS)	83	N/A	
1,4-Bromofluorobenzene (SS)	82	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	0.38	
Di-n-Butylphthalate	0.52	0.38	
2-Fluorophenol (SS)	49	N/A	
Phenol-d5 (SS)	72	N/A	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0232)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0233
Laboratory No. : 21846-5
Sample Depth : 56.50 - 58.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0233

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/04/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/25/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/24/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	45	N/A	%
MERCURY (SW7471) (non-detect)	<0.11	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.8	1.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<18	18	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20400	36.4	
Barium	159	18.2	
Beryllium	0.91	0.91	
Calcium	9650	182	
Chromium	11.1	5.5	
Cobalt	11.1	7.3	
Copper	29.1	5.5	
Iron	11100	18.2	
Magnesium	8040	182	
Manganese	911	2.7	
Nickel	13.8	7.3	
Sodium	275	182	
Vanadium	20.0	7.3	
Zinc	36.7	3.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0233 continued on next page)

(results for BAFB-0233 continued)

Field No. : BAFB-0233
Laboratory No. : 21846-5
Sample Depth : 56.50 - 58.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-4SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.014	0.009	
Acetone	0.096	0.009	
Trichloroethene	0.039	0.009	
Benzene	0.005 J	0.009	
Toluene	0.073	0.009	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.60	
Di-n-Butylphthalate	0.31 J	0.60	
2-Fluorophenol (SS)	44	N/A	
Phenol-d5 (SS)	61	N/A	
Nitrobenzene-d5 (SS)	55	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	54	N/A	
p-Terphenyl-d14 (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0233)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0171
Laboratory No. : 21806-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0171		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL)	1.3	1.3	mg/kg
TFH-GAS (TFH-GAS)	110	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	24500	25.1	
Barium	228	12.5	
Calcium	5560	125	
Chromium	48.6	3.8	
Cobalt	22.6	5.0	
Copper	52.9	3.8	
Iron	34300	12.5	
Magnesium	6600	125	
Manganese	725	1.9	
Nickel	34.9	5.0	
Potassium	552	251	
Sodium	272	125	
Vanadium	67.3	5.0	
Zinc	59.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0171 continued on next page)

(results for BAFB-0171 continued)

Field No. : BAFB-0171
Laboratory No. : 21806-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.25 B	0.031	
Acetone	0.15 B	0.031	
Toluene	0.022 J	0.031	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	104	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.41	
bis(2-Ethylhexyl)Phthalate	0.28 J	0.41	
2-Fluorophenol (SS)	48	N/A	
Phenol-d5 (SS)	67	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	45	N/A	
p-Terphenyl-d14 (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0171)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0172
Laboratory No. : 21806-3
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0172

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23000	25.4	
Barium	118	12.7	
Calcium	6810	127	
Chromium	41.4	3.8	
Cobalt	25.4	5.1	
Copper	63.2	3.8	
Iron	40000	12.7	
Magnesium	7670	127	
Manganese	818	1.9	
Nickel	32.4	5.1	
Potassium	839	254	
Sodium	215	127	
Vanadium	111	5.1	
Zinc	83.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0172 continued on next page)

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(results for BAFB-0172 continued)

Field No. : BAFB-0172
Laboratory No. : 21806-3
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.18 B	0.031	
Acetone	0.030 BJ	0.031	
1,1-Dichloroethene	0.010 J	0.031	
Trichloroethene	0.010 J	0.031	
Benzene	0.012 J	0.031	
Toluene	0.017 J	0.031	
Chlorobenzene	0.011 J	0.031	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	101	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg.
Phenol	2.0 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.37 J	0.42	
2-Fluorophenol (SS)	55	N/A	
Phenol-d5 (SS)	75	N/A	
Nitrobenzene-d5 (SS)	68	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	
p-Terphenyl-d14 (SS)	99	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0172)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0173
Laboratory No. : 21806-4
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0173

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19700	23.9	
Barium	131	11.9	
Calcium	6090	119	
Chromium	53.9	3.6	
Cobalt	28.0	4.8	
Copper	55.9	3.6	
Iron	39500	11.9	
Magnesium	6000	119	
Manganese	1040	1.8	
Nickel	27.0	4.8	
Potassium	765	239	
Sodium	203	119	
Vanadium	141	4.8	
Zinc	68.2	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0173 continued on next page)

(results for BAFB-0173 continued)

Field No. : BAFB-0173
Laboratory No. : 21806-4
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.19 B	0.029	
Acetone	0.032 BJ	0.029	
1,1-Dichloroethene	0.012 J	0.029	
Trichloroethene	0.011 J	0.029	
Benzene	0.013 J	0.029	
Toluene	0.021 J	0.029	
Chlorobenzene	0.012 J	0.029	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	101	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.39	
2-Fluorophenol (SS)	52	N/A	
Phenol-d5 (SS)	74	N/A	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0173)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0174
Laboratory No. : 21806-5
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0174

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14000	23.4	
Barium	161	11.7	
Calcium	4210	117	
Chromium	28.5	3.5	
Cobalt	19.9	4.7	
Copper	28.2	3.5	
Iron	25100	11.7	
Magnesium	3910	117	
Manganese	875	1.8	
Nickel	18.7	4.7	
Sodium	192	117	
Vanadium	78.5	4.7	
Zinc	41.6	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0174 continued on next page)

SITE6S.FRI

(results for BAFB-0174 continued)

Field No. : BAFB-0174
Laboratory No. : 21806-5
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.15 B	0.029	
Acetone	0.059 B	0.029	
Toluene	0.014 J	0.029	
1,2-Dichloroethane-d4 (SS)	91	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.39	
2-Fluorophenol (SS)	51	N/A	
Phenol-d5 (SS)	71	N/A	
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	
p-Terphenyl-d14 (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0174)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0175
Laboratory No. : 21806-6
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0175

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	11.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.068	0.068	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<57	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13900	22.6	
Barium	106	11.3	
Calcium	6300	113	
Chromium	29.5	3.4	
Cobalt	15.8	4.5	
Copper	96.5	3.4	
Iron	26800	11.3	
Magnesium	6070	113	
Manganese	620	1.7	
Nickel	17.0	4.5	
Potassium	373	226	
Sodium	250	113	
Thallium	73.5	56.6	
Vanadium	79.4	4.5	
Zinc	89.9	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0175 continued on next page)

(results for BAFB-0175 continued)

Field No. : BAFB-0175
Laboratory No. : 21806-6
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.19 B	0.030	
Acetone	0.071 B	0.030	
Toluene	0.042	0.030	
1,2-Dichloroethane-d4 (SS)	91	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.37	
2-Chlorophenol	0.20 J	0.37	
bis(2-Ethylhexyl)Phthalate	0.33 J	0.37	
2-Fluorophenol (SS)	54	N/A	
Phenol-d5 (SS)	79	N/A	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0175)

BEALE AFB SITE 6: SOIL DATA 1988/1989

Field No. : BAFB-0176
Laboratory No. : 21806-7
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0176

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/03/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	43.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.11	0.11	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.8	1.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<88	88	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19000	35.3	
Barium	236	17.6	
Beryllium	0.88	0.88	
Calcium	9860	176	
Chromium	9.9	5.3	
Cobalt	11.3	7.1	
Copper	31.7	5.3	
Iron	9450	17.6	
Magnesium	7570	176	
Manganese	1020	2.6	
Nickel	15.3	7.1	
Potassium	494	353	
Sodium	303	176	
Vanadium	17.3	7.1	
Zinc	36.0	3.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0176 continued on next page)

(results for BAFB-0176 continued)

Field No. : BAFB-0176
Laboratory No. : 21806-7
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 6-C-5SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.25 B	0.044	
Acetone	0.096 B	0.044	
4-Methyl-2-Pentanone	0.022 J	0.088	
Toluene	0.020 J	0.044	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.8 B	0.58	
2-Fluorophenol (SS)	58	N/A	
Phenol-d5 (SS)	82	N/A	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0176)

SITE 6

Water Data 1st Round Sampling 1989

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0504
Laboratory No. : 22814-1
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 03/22/89
Matrix : Water

Tests performed on sample: BAFB-0504 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/22/89	wet	1.0	umhos/cm
E170.1	Temperature	03/22/89	wet	1.0	degreesc
E150.1	pH	03/22/89	wet	1.0	pH
SM403	Alkalinity - Total	03/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/22/89	wet	1.0	mg/l
SM403	Bicarbonate	03/22/89	wet	1.0	mg/l
SM403	Carbonate	03/22/89	wet	1.0	mg/l
7060/7061	Arsenic	04/10/89	wet	1.0	mg/l
7420/7421	Lead	04/10/89	wet	1.0	mg/l
7471	Mercury	04/11/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/28/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/28/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/12/89	wet	1.0	mg/l
SW6010	ICP Metals	04/12/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	800	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	8.04	N/A	pH
ALKALINITY-TOTAL (SM403)	154.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	188.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0504 continued on next page)

(results for BAFB-0504 continued)

Field No. : BAFB-0504
Laboratory No. : 22814-1
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 03/22/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	284	3.0	mg/l
CHLORIDE (E325.3)	34.2	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.10	mg/l
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4)	17.7	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	7.3	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	28.8	1.00	
Potassium	2.30	1.00	
Magnesium	10.5	1.00	
Sodium	54.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	95	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0504 continued on next page)

(results for BAFB-0504 continued)

Field No. : BAFB-0504
Laboratory No. : 22814-1
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 03/22/89
Matrix : Water

Description	Value		Detection Limit	Units
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(2)	1	
trifluorotoluene (SS)	82		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	64		N/A	
2-fluorophenol (SS)	21		N/A	
2-fluorobiphenyl (SS)	85		N/A	
nitrobenzene-d5 (SS)	82		N/A	
phenol-d5 (SS)	65		N/A	
p-terphenyl-d14 (SS)	79		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0504)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0505
Laboratory No. : 22817-1
Equipment Wash Blank

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Tests performed on sample: BAFB-0505 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
7060/7061	Arsenic	04/10/89	wet	1.0	mg/l
7420/7421	Lead	04/14/89	wet	1.0	mg/l
7471	Mercury	04/11/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/29/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	04/12/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	10.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0505 continued on next page)

(results for BAFB-0505 continued)

Field No. : BAFB-0505
Laboratory No. : 22817-1
Equipment Wash Blank

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	0.15	0.13	mg/l
SULFATE (E375.4)	1.1	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	9.9	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Zinc	0.037	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	124	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	75	N/A	
2-fluorophenol (SS)	24	N/A	
2-fluorobiphenyl (SS)	70	N/A	
nitrobenzene-d5 (SS)	59	N/A	
phenol-d5 (SS)	77	N/A	
p-terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0505)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0506
Laboratory No. : 22817-2
Field Blank

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Tests performed on sample: BAFB-0506 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	04/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	98	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0506)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0507
Laboratory No. : 22817-3
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Tests performed on sample: BAFB-0507 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/23/89	wet	1.0	umhos/cm
E170.1	Temperature	03/23/89	wet	1.0	degreesc
E150.1	pH	03/23/89	wet	1.0	pH
SM403	Alkalinity - Total	03/23/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/23/89	wet	1.0	mg/l
SM403	Bicarbonate	03/23/89	wet	1.0	mg/l
SM403	Carbonate	03/23/89	wet	1.0	mg/l
7060/7061	Arsenic	04/10/89	wet	1.0	mg/l
7420/7421	Lead	04/14/89	wet	1.0	mg/l
7471	Mercury	04/11/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/29/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	04/12/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	400	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.05	N/A	pH
ALKALINITY-TOTAL (SM403)	75.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	91.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0507 continued on next page)

(results for BAFB-0507 continued)

Field No. : BAFB-0507
Laboratory No. : 22817-3
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	367	3.0	mg/l
CHLORIDE (E325.3)	29.5	1.0	mg/l
FLUORIDE (E340.2)	0.18	0.10	mg/l
NITRATE + NITRITE (E353.3)	16.0	0.13	mg/l
SULFATE (E375.4)	115	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	8.6	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	43.5	1.00	
Iron	0.116	0.100	
Potassium	1.90	1.00	
Magnesium	21.8	1.00	
Manganese	0.077	0.015	
Sodium	26.4	1.00	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0507 continued on next page)

(results for BAFB-0507 continued)

Field No. : BAFB-0507
Laboratory No. : 22817-3
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	120	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	101	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0532)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0507)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0532
Laboratory No. : 23055-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 6-A-1GW
Sampling Date : 04/20/89
Matrix : Water

Tests performed on sample: BAFB-0532 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	04/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	4 BJ	10	
Di-n-butyl phthalate	1 BJ	10	
N-nitrosodiphenylamine (1)	3 BJ	10	
2,4,6-tribromophenol (SS)	65	N/A	
2-fluorophenol (SS)	44	N/A	
2-fluorobiphenyl (SS)	64	N/A	
nitrobenzene-d5 (SS)	55	N/A	
phenol-d5 (SS)	47	N/A	
p-terphenyl-d14 (SS)	82	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0532)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0508
Laboratory No. : 22817-4
Field Replicate for BAFB-0507

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Tests performed on sample: BAFB-0508 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/23/89	wet	1.0	umhos/cm
E170.1	Temperature	03/23/89	wet	1.0	degreesc
E150.1	pH	03/23/89	wet	1.0	pH
SM403	Alkalinity - Total	03/23/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/23/89	wet	1.0	mg/l
SM403	Bicarbonate	03/23/89	wet	1.0	mg/l
SM403	Carbonate	03/23/89	wet	1.0	mg/l
7060/7061	Arsenic	04/10/89	wet	1.0	mg/l
7420/7421	Lead	04/14/89	wet	1.0	mg/l
7471	Mercury	04/11/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/29/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	04/12/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	400	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.05	N/A	pH
ALKALINITY-TOTAL (SM403)	70.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	86.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0508 continued on next page)

(results for BAFB-0508 continued)

Field No. : BAFB-0508
Laboratory No. : 22817-4
Field Replicate for BAFB-0507

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	371	3.0	mg/l
CHLORIDE (E325.3)	32.4	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l
NITRATE + NITRITE (E353.3)	16.0	0.13	mg/l
SULFATE (E375.4)	109	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	9.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	41.2	1.00	
Iron	0.379	0.100	
Potassium	1.70	1.00	
Magnesium	20.6	1.00	
Manganese	0.083	0.015	
Sodium	22.0	1.00	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0508 continued on next page)

(results for BAFB-0508 continued)

Field No. : BAFB-0508
Laboratory No. : 22817-4
Field Replicate for BAFB-0507

Field Log No. : 6-A-1GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	130	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270	(Resampled for this analysis. See BAFB-0533)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0508)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0533
Laboratory No. : 23055-2
Field Replicate for BAFB-0508--RESAMPLE

Field Log No. : 6-A-1GW
Sampling Date : 04/20/89
Matrix : Water

Tests performed on sample: BAFB-0533 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	04/27/89	wet	1 0	ug/l

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	4 BJ	10	
Di-n-butyl phthalate	1 BJ	10	
N-nitrosodiphenylamine (1)	2 BJ	10	
2,4,6-tribromophenol (SS)	60	N/A	
2-fluorophenol (SS)	34	N/A	
2-fluorobiphenyl (SS)	67	N/A	
nitrobenzene-d5 (SS)	58	N/A	
phenol-d5 (SS)	43	N/A	
p-terphenyl-d14 (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0533)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0509
Laboratory No. : 22817-5
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 03/23/89
Matrix : Water

Tests performed on sample: BAFB-0509 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/23/89	wet	1.0	umhos/cm
E170.1	Temperature	03/23/89	wet	1.0	degreesc
E150.1	pH	03/23/89	wet	1.0	pH
SM403	Alkalinity - Total	03/23/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/23/89	wet	1.0	mg/l
SM403	Bicarbonate	03/23/89	wet	1.0	mg/l
SM403	Carbonate	03/23/89	wet	1.0	mg/l
7060/7061	Arsenic	04/10/89	wet	1.0	mg/l
7420/7421	Lead	04/14/89	wet	1.0	mg/l
7471	Mercury	04/11/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/29/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/28/89	wet	1.0	mg/l
SW6010	ICP Metals	04/12/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	170	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	8.01	N/A	pH
ALKALINITY-TOTAL (SM403)	74.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	90.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0509 continued on next page)

(results for BAFB-0509 continued)

Field No. : BAFB-0509
Laboratory No. : 22817-5
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	236	3.0	mg/l
CHLORIDE (E325.3)	5.5	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.10	mg/l
NITRATE + NITRITE (E353.3)	23.7	0.13	mg/l
SULFATE (E375.4)	7.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	15.0	1.00	
Potassium	1.20	1.00	
Magnesium	6.74	1.00	
Sodium	15.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	122	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	107	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0509 continued on next page)

(results for BAFB-0509 continued)

Field No. : BAFB-0509
Laboratory No. : 22817-5
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 03/23/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)	(Analysis not performed for this sample)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0509)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0483
Laboratory No. : 22643-1
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Tests performed on sample: BAFB-0483 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/09/89	wet	1.0	umhos/cm
E170.1	Temperature	03/09/89	wet	1.0	degreesc
E150.1	pH	03/09/89	wet	1.0	pH
SM403	Alkalinity - Total	03/09/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/09/89	wet	1.0	mg/l
SM403	Bicarbonate	03/09/89	wet	1.0	mg/l
SM403	Carbonate	03/09/89	wet	1.0	mg/l
7060/7061	Arsenic	03/31/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	88	N/A	umhos/cm
TEMPERATURE (E170.1)	14.0	N/A	degrees c
pH (E150.1)	7.22	N/A	pH
ALKALINITY-TOTAL (SM403)	32.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	40.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0483 continued on next page)

(results for BAFB-0483 continued)

Field No. : BAFB-0483
Laboratory No. : 22643-1
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	79.0	3.0	mg/l
CHLORIDE (E325.3)	4.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	2.2	0.13	mg/l
SULFATE (E375.4)	5.3	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	18.5	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	7.79	1.00	
Iron	0.201	0.100	
Magnesium	4.93	1.00	
Sodium	4.79	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	148	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0483 continued on next page)

(results for BAFB-0483 continued)

Field No. : BAFB-0483
Laboratory No. : 22643-1
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value		Detection Limit	Units
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(5)	1	
trifluorotoluene (SS)	113		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	69		N/A	
2-fluorophenol (SS)	64		N/A	
2-fluorobiphenyl (SS)	65		N/A	
nitrobenzene-d5 (SS)	57		N/A	
phenol-d5 (SS)	77		N/A	
p-terphenyl-d14 (SS)	38		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0483)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0484
Laboratory No. : 22643-2
Field Replicate for BAFB-0483

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Tests performed on sample: BAFB-0484 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/09/89	wet	1.0	umhos/c
E170.1	Temperature	03/09/89	wet	1.0	degrees
E150.1	pH	03/09/89	wet	1.0	pH
SM403	Alkalinity - Total	03/09/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/09/89	wet	1.0	mg/l
SM403	Bicarbonate	03/09/89	wet	1.0	mg/l
SM403	Carbonate	03/09/89	wet	1.0	mg/l
7060/7061	Arsenic	03/31/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	85	N/A	umhos/cm
TEMPERATURE (E170.1)	14.0	N/A	degrees c
pH (E150.1)	7.09	N/A	pH
ALKALINITY-TOTAL (SM403)	26.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	32.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0484 continued on next page)

(results for BAFB-0484 continued)

Field No. : BAFB-0484
Laboratory No. : 22643-2
Field Replicate for BAFB-0483

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	83.0	3.0	mg/l
CHLORIDE (E325.3)	4.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	1.6	0.13	mg/l
SULFATE (E375.4)	5.1	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	20.8	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	7.91	1.00	
Iron	0.185	0.100	
Magnesium	5.01	1.00	
Sodium	4.93	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	131	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	116	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0484 continued on next page)

(results for BAFB-0484 continued)

Field No. : BAFB-0484
Laboratory No. : 22643-2
Field Replicate for BAFB-0483

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	63	N/A	
2-fluorophenol (SS)	47	N/A	
2-fluorobiphenyl (SS)	68	N/A	
nitrobenzene-d5 (SS)	66	N/A	
phenol-d5 (SS)	59	N/A	
p-terphenyl-d14 (SS)	28	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0484)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0485
Laboratory No. : 22643-3
Equipment Wash Blank

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Tests performed on sample: BAFB-0485 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
7060/7061	Arsenic	03/31/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	8.0	3.0	mg/l
CHLORIDE (E325.3)	1.5	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0485 continued on next page)

Field No. : BAFB-0485
Laboratory No. : 22643-3
Equipment Wash Blank

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3) (non-detect)	<0.13	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	131	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	112	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	91	N/A	
2-fluorophenol (SS)	71	N/A	
2-fluorobiphenyl (SS)	150	N/A	
nitrobenzene-d5 (SS)	160	N/A	
phenol-d5 (SS)	87	N/A	
p-terphenyl-d14 (SS)	190	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0485)

BEALE AFB SITE 6: Water Data 1st Round Sampling 1989

Field No. : BAFB-0486
Laboratory No. : 22643-4
Field Blank

Field Log No. : 6-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Tests performed on sample: BAFB-0486		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8010	Purgeable Halocarbons	03/16/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	133	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	111	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0486)

SITE 6

Water Data 2nd Round Sampling 1989

BEALE AFB SITE 6: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0549
Laboratory No. : 23324-2
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 05/25/89
Matrix : Water

Tests performed on sample: BAFB-0549

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/25/89	wet	1.0	umhos/cm
E170.1	Temperature	05/25/89	wet	1.0	degrees
E150.1	pH	05/25/89	wet	1.0	pH
SM403	Alkalinity - Total	05/25/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/25/89	wet	1.0	mg/l
SM403	Bicarbonate	05/25/89	wet	1.0	mg/l
SM403	Carbonate	05/25/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/01/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	420	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.91	N/A	pH
ALKALINITY-TOTAL (SM403)	160.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	195.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	319	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0549 continued on next page)

(results for BAFB-0549 continued)

Field No. : BAFB-0549
Laboratory No. : 23324-2
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 05/25/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	38.8		1.0	mg/l
FLUORIDE (E340.2)	0.18		0.050	mg/l
NITRATE + NITRITE (E353.3)	0.70		0.13	mg/l
SULFATE (E375.4)	23.1		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	27 4		1.00	
Magnesium	10.0		1.00	
Potassium	1.70		1.00	
Sodium	49.7		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	112		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(1)	1	
Trifluorotoluene (SS)	93	(113)	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0549 continued on next page)

(results for BAFB-0549 continued)

Field No. : BAFB-0549
Laboratory No. : 23324-2
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 05/25/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	61	N/A	
2-Fluorophenol (SS)	46	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0549)

BEALE AFB SITE 6: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0548
Laboratory No. : 23324-1
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 05/25/89
Matrix : Water

Tests performed on sample: BAFB-0548 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/25/89	wet	1.0	umhos/cm
E170.1	Temperature	05/25/89	wet	1.0	degrees c
E150.1	pH	05/25/89	wet	1.0	pH
SM403	Alkalinity - Total	05/25/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/25/89	wet	1.0	mg/l
SM403	Bicarbonate	05/25/89	wet	1.0	mg/l
SM403	Carbonate	05/25/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/01/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	430	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.03	N/A	pH
ALKALINITY-TOTAL (SM403)	72.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	87.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	397	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0548 continued on next page)

(results for BAFB-0548 continued)

Field No. : BAFB-0548
Laboratory No. : 23324-1
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 05/25/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	25.9		1.0	mg/l
FLUORIDE (E340.2)	0.14		0.050	mg/l
NITRATE + NITRITE (E353.3)	17.5		0.13	mg/l
SULFATE (E375.4)	131		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	43.2		1.00	
Magnesium	20.7		1.00	
Manganese	0.304		0.015	
Potassium	1.10		1.00	
Sodium	23.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	100		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(1)	1	
Trifluorotoluene (SS)	110	(97)	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0548 continued on next page)

(results for BAFB-0548 continued)

Field No. : BAFB-0548
Laboratory No. : 23324-1
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 05/25/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	20	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	55	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0548)

BEALE AFB SITE 6: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0547
Laboratory No. : 23306-1
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 05/24/89
Matrix : Water

Tests performed on sample: BAFB-0547		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
E120.1	Specific Conductivity	05/24/89	wet	1.0	umhos/cm
E170.1	Temperature	05/24/89	wet	1.0	degrees c
E150.1	pH	05/24/89	wet	1.0	pH
SM403	Alkalinity - Total	05/24/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/24/89	wet	1.0	mg/l
SM403	Bicarbonate	05/24/89	wet	1.0	mg/l
SM403	Carbonate	05/24/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	05/30/89	wet	1.0	mg/l
E325.3	Chloride	06/16/89	wet	1.0	mg/l
E340.2	Fluoride	06/16/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/15/89	wet	1.0	mg/l
E375.4	Sulfate	06/15/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	06/15/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/05/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	165	N/A	umhos/cm
TEMPERATURE (E170.1)	19.2	N/A	degrees c
pH (E150.1)	7.76	N/A	pH
ALKALINITY-TOTAL (SM403)	69.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	84.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	160	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0547 continued on next page)

(results for BAFB-0547 continued)

Field No. : BAFB-0547
Laboratory No. : 23306-1
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 05/24/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	5.4		1.0	mg/l
FLUORIDE (E340.2)	0.17		0.050	mg/l
NITRATE + NITRITE (E353.3)	23.3		0.13	mg/l
SULFATE (E375.4)	11.7		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	12.7		1.00	
Magnesium	6.35		1.00	
Sodium	15.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	108		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	12	(1)	1	
Trifluorotoluene (SS)	97	(91)	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0547 continued on next page)

(results for BAFB-0547 continued)

Field No. : BAFB-0547
Laboratory No. : 23306-1
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 05/24/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	4 J	10	
Nitrobenzene-d5 (SS)	88	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
p-Terphenyl-d14 (SS)	99	N/A	
Phenol-d5 (SS)	83	N/A	
2-Fluorophenol (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0547)

BEALE AFB SITE 6: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0585
Laboratory No. : 23468-1
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 06/09/89
Matrix : Water

Tests performed on sample: BAFB-0585

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/09/89	wet	1.0	umhos/cm
E170.1	Temperature	06/09/89	wet	1.0	degrees c
E150.1	pH	06/09/89	wet	1.0	pH
SM403	Alkalinity - Total	06/09/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/09/89	wet	1.0	mg/l
SM403	Bicarbonate	06/09/89	wet	1.0	mg/l
SM403	Carbonate	06/09/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/23/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/23/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	230	N/A	umhos/cm
TEMPERATURE (E170.1)	23.0	N/A	degrees c
pH (E150.1)	7.23	N/A	pH
ALKALINITY-TOTAL (SM403)	83.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	164	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0585 continued on next page)

(results for BAFB-0585 continued)

Field No. : BAFB-0585
Laboratory No. : 23468-1
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 06/09/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	28.1		1.0	mg/l
FLUORIDE (E340.2)	0.16		0.050	mg/l
NITRATE + NITRITE (E353.3)	0.42		0.13	mg/l
SULFATE (E375.4)	2.3		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	13.3		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0005		0.0005	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	16.3		1.00	
Iron	0.112		0.100	
Magnesium	11.5		1.00	
Sodium	16.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	6	(19)	5	
Trichlorofluoromethane	1		1	
Bromochloromethane (SS)	93		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(2)	1	
Trifluorotoluene (SS)	94		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0585 continued on next page)

(results for BAFB-0585 continued)

Field No. : BAFB-0585
Laboratory No. : 23468-1
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 06/09/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
p-Terphenyl-d14 (SS)	63	N/A	
Phenol-d5 (SS)	55	N/A	
2-Fluorophenol (SS)	39	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0585)

SITE 6

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 6: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0605
Laboratory No. : 24158-3
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 08/25/89
Matrix : Water

Tests performed on sample: BAFB-0605

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/25/89	wet	1.0	umhos/cm
E170.1	Temperature	08/25/89	wet	1.0	degrees c
E150.1	pH	08/25/89	wet	1.0	pH
SM403	Alkalinity - Total	08/25/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/25/89	wet	1.0	mg/l
SM403	Bicarbonate	08/25/89	wet	1.0	mg/l
SM403	Carbonate	08/25/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	08/31/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/08/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	08/29/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/09/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	412	N/A	umhos/cm
TEMPERATURE (E170.1)	20.2	N/A	degrees c
pH (E150.1)	7.99	N/A	pH
ALKALINITY-TOTAL (SM403)	160.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	195.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	263	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0605 continued on next page)

(results for BAFB-0605 continued)

Field No. : BAFB-0605
Laboratory No. : 24158-3
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 08/25/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	38.0	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.050	mg/l
NITRATE + NITRITE (E353.3)	2.2	0.13	mg/l
SULFATE (E375.4)	21.3	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	29.1	1.00	
Magnesium	10.9	1.00	
Potassium	1.40	1.00	
Sodium	54.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	116	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	109	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0605 continued on next page)

(results for BAFB-0605 continued)

Field No. : BAFB-0605
Laboratory No. : 24158-3
Normal Environmental Sample

Field Log No. : 6-C-1GW
Sampling Date : 08/25/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 BJ	10	
bis(2-Ethylhexyl)Phthalate	8 J	10	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	58	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	48	N/A	
2-Fluorophenol (SS)	59	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0605)

BEALE AFB SITE 6: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0606
Laboratory No. : 24185-1
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 08/28/89
Matrix : Water

Tests performed on sample: BAFB-0606

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/28/89	wet	1.0	umhos/cm
E170.1	Temperature	08/28/89	wet	1.0	degrees c
E150.1	pH	08/28/89	wet	1.0	pH
SM403	Alkalinity - Total	08/28/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/28/89	wet	1.0	mg/l
SM403	Bicarbonate	08/28/89	wet	1.0	mg/l
SM403	Carbonate	08/28/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	432	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	6.86	N/A	pH
ALKALINITY-TOTAL (SM403)	66.4	10.0	mg/l
ALKALINITY PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	81.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	397	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0606 continued on next page)

SITE6M3.FRI

(results for BAFB-0606 continued)

Field No. : BAFB-0606
Laboratory No. : 24185-1
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 08/28/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	23.5		1.0	mg/l
FLUORIDE (E340.2)	0.12		0.10	mg/l
NITRATE + NITRITE (E353.3)	16.2		0.13	mg/l
SULFATE (E375.4)	138		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	44.6		1.00	
Magnesium	22.0		1.00	
Manganese	0.076		0.015	
Sodium	21.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	91		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(2)	1	
Trifluorotoluene (SS)	113		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0606 continued on next page)

(results for BAFB-0606 continued)

Field No. : BAFB-0606
Laboratory No. : 24185-1
Normal Environmental Sample

Field Log No. : 6-A-1GW
Sampling Date : 08/28/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 BJ	10	
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	53	N/A	
2-Fluorophenol (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0606)

BEALE AFB SITE 6: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0607
Laboratory No. : 24185-2
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 08/28/89
Matrix : Water

Tests performed on sample: BAFB-0607 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/28/89	wet	1.0	umhos/cm
E170.1	Temperature	08/28/89	wet	1.0	degrees c
E150.1	pH	08/28/89	wet	1.0	pH
SM403	Alkalinity - Total	08/28/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/28/89	wet	1.0	mg/l
SM403	Bicarbonate	08/28/89	wet	1.0	mg/l
SM403	Carbonate	08/28/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	162	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.40	N/A	pH
ALKALINITY-TOTAL (SM403)	62.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	76.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	215	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0607 continued on next page)

(results for BAFB-0607 continued)

Field No. : BAFB-0607
Laboratory No. : 24185-2
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 08/28/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	5.7		1.0	mg/l
FLUORIDE (E340.2)	0.18		0.10	mg/l
NITRATE + NITRITE (E353.3)	24.5		0.13	mg/l
SULFATE (E375.4)	10.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	11.6		1.00	
Magnesium	6.76		1.00	
Manganese	0.031		0.015	
Sodium	16.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	89		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	9	(4)	1	
Trifluorotoluene (SS)	119		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0607 continued on next page)

(results for BAFB-0607 continued)

Field No. : BAFB-0607
Laboratory No. : 24185-2
Normal Environmental Sample

Field Log No. : 6-A-2GW
Sampling Date : 08/28/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	48	N/A	
2-Fluorobiphenyl (SS)	52	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	47	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0607)

BEALE AFB SITE 6: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0608
Laboratory No. : 24185-3
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 08/29/89
Matrix : Water

Tests performed on sample: BAFB-0608

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/29/89	wet	1.0	umhos/cm
E170.1	Temperature	08/29/89	wet	1.0	degrees c
E150.1	pH	08/29/89	wet	1.0	pH
SM403	Alkalinity - Total	08/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/29/89	wet	1.0	mg/l
SM403	Bicarbonate	08/29/89	wet	1.0	mg/l
SM403	Carbonate	08/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	463	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.55	N/A	pH
ALKALINITY-TOTAL (SM403)	74.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	90.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	250	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0608 continued on next page)

(results for BAFB-0608 continued)

Field No. : BAFB-0608
Laboratory No. : 24185-3
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 08/29/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	54.1		1.0	mg/l
FLUORIDE (E340.2)	0.80		0.10	mg/l
NITRATE + NITRITE (E353.3)	0.49		0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	25.8		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	22.9		1.00	
Magnesium	16.0		1.00	
Manganese	0.026		0.015	
Potassium	1.77		1.00	
Sodium	30.2		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	95		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	10	(3)	1	
Trifluorotoluene (SS)	80		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0608 continued on next page)

(results for BAFB-0608 continued)

Field No. : BAFB-0608
Laboratory No. : 24185-3
Normal Environmental Sample

Field Log No. : 6-C-1SW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
p-Terphenyl-d14 (SS)	91	N/A	
Phenol-d5 (SS)	52	N/A	
2-Fluorophenol (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0608)

SITE 6

Water Data 4th Round Sampling 1989

BEALE AFB SITE 6: Water Data 4th Round Sampling 1989

Field No. : BAFB-0689
Laboratory No. : 24898-3
Normal Environmental Sample

Location : 6-A-1GW
Sampling Date : 11/15/89
Matrix : Water

Tests performed on sample: BAFB-0689

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/15/89	wet	1.0	umhos/cm
E170.1	Temperature	11/15/89	wet	1.0	degrees c
E150.1	pH	11/15/89	wet	1.0	pH
SM403	Alkalinity - Total	11/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/15/89	wet	1.0	mg/l
SM403	Bicarbonate	11/15/89	wet	1.0	mg/l
SM403	Carbonate	11/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	/ /	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	435	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	6.96	N/A	pH
ALKALINITY-TOTAL (SM403)	78.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	95.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0689 continued on next page)

(results for BAFB-0689 continued)

Field No. : BAFB-0689
Laboratory No. : 24898-3
Normal Environmental Sample

Location : 6-A-1GW
Sampling Date : 11/15/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	316		3.0	mg/l
CHLORIDE (E325.3)	34.2		1.0	mg/l
FLUORIDE (E340.2)	0.15		0.10	mg/l
NITRATE + NITRITE (E353.3)	9.1		0.13	mg/l
SULFATE (E375.4)	177		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	45.4		1.00	
Magnesium	21.4		1.00	
Manganese	0.0367		0.0150	
Sodium	24.0		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Dichlorodifluoromethane	3	(1)	1	
Bromochloromethane (SS)	132		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	118		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0689 continued on next page)

(results for BAFB-0689 continued)

Field No. : BAFB-0689
Laboratory No. : 24898-3
Normal Environmental Sample

Location : 6-A-1GW
Sampling Date : 11/15/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	91	N/A	
2-Fluorobiphenyl (SS)	92	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0689)

BEALE AFB SITE 6: Water Data 4th Round Sampling 1989

Field No. : BAFB-0688
Laboratory No. : 24898-2
Normal Environmental Sample

Location : 6-A-2GW
Sampling Date : 11/15/89
Matrix : Water

Tests performed on sample: BAFB-0688

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/15/89	wet	1.0	umhos/cm
E170.1	Temperature	11/15/89	wet	1.0	degrees c
E150.1	pH	11/15/89	wet	1.0	pH
SM403	Alkalinity - Total	11/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/15/89	wet	1.0	mg/l
SM403	Bicarbonate	11/15/89	wet	1.0	mg/l
SM403	Carbonate	11/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/20/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	170	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.50	N/A	pH
ALKALINITY-TOTAL (SM403)	71.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	87.1	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0688 continued on next page)

(results for BAFB-0688 continued)

Field No. : BAFB-0688
Laboratory No. : 24898-2
Normal Environmental Sample

Location : 6-A-2GW
Sampling Date : 11/15/89
Matrix : Water

Description	Value	Detection Limit	Units
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	104	3.0	mg/l
CHLORIDE (E325.3)	2.9	1.0	mg/l
FLUORIDE (E340.2)	0.20	0.10	mg/l
NITRATE + NITRITE (E353.3)	14.5	0.13	mg/l
SULFATE (E375.4)	6.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.12	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	14.1	1.00	
Magnesium	6.58	1.00	
Sodium	16.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bormochloromethane (SS)	130	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0688 continued on next page)

(results for BAFB-0688 continued)

Field No. : BAFB-0688
Laboratory No. : 24898-2
Normal Environmental Sample

Location : 6-A-2GW
Sampling Date : 11/15/89
Matrix : Water

Description	Value		Detection Limit	Units
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(11)	1	
Trifluorotoluene (SS)	144		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Nitrobenzene-d5 (SS)	83		N/A	
2-Fluorobiphenyl (SS)	80		N/A	
p-Terphenyl-d14 (SS)	110		N/A	
Phenol-d5 (SS)	76		N/A	
2-Fluorophenol (SS)	74		N/A	
2,4,6-Tribromophenol (SS)	64		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0688)

BEALE AFB SITE 6: Water Data 4th Round Sampling 1989

Field No. : BAFB-0696
Laboratory No. : 24925-8
Normal Environmental Sample

Location : 6-C-1GW
Sampling Date : 11/18/89
Matrix : Water

Tests performed on sample: BAFB-0696 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/18/89	wet	1.0	umhos/cm
E170.1	Temperature	11/18/89	wet	1.0	degrees c
E150.1	pH	11/18/89	wet	1.0	pH
SM403	Alkalinity - Total	11/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/18/89	wet	1.0	mg/l
SM403	Bicarbonate	11/18/89	wet	1.0	mg/l
SM403	Carbonate	11/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	400	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	7.97	N/A	pH
ALKALINITY-TOTAL (SM403)	151.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	185.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0696 continued on next page)

(results for BAFB-0696 continued)

Field No. : BAFB-0696
Laboratory No. : 24925-8
Normal Environmental Sample

Location : 6-C-1GW
Sampling Date : 11/18/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	296	3.0	mg/l
CHLORIDE (E325.3)	35.5	1.0	mg/l
FLUORIDE (E340.2)	0.20	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.35	0.13	mg/l
SULFATE (E375.4)	21.7	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	28.8	1.00	
Magnesium	10.0	1.00	
Potassium	1.26	1.00	
Sodium	53.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	125	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	71	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0696 continued on next page)

(results for BAFB-0696 continued)

Field No. : BAFB-0696
Laboratory No. : 24925-8
Normal Environmental Sample

Location : 6-C-1GW
Sampling Date : 11/18/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	8 J	10	
Nitrobenzene-d5 (SS)	35	N/A	
2-Fluorobiphenyl (SS)	42	N/A	
p-Terphenyl-d14 (SS)	62	N/A	
Phenol-d5 (SS)	23	N/A	
2-Fluorophenol (SS)	23	N/A	
2,4,6-Tribromophenol (SS)	18	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0696)

BEALE AFB SITE 6: Water Data 4th Round Sampling 1989

Field No. : BAFB-0730
Laboratory No. : 25118-1
Normal Environmental Sample

Location : 6-C-1SW
Sampling Date : 12/05/89
Matrix : Water

Tests performed on sample: BAFB-0730

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	12/05/89	wet	1.0	umhos/cm
E170.1	Temperature	12/05/89	wet	1.0	degrees c
E150.1	pH	12/05/89	wet	1.0	pH
SM403	Alkalinity - Total	12/05/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	12/05/89	wet	1.0	mg/l
SM403	Bicarbonate	12/05/89	wet	1.0	mg/l
SM403	Carbonate	12/05/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/13/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	01/15/90	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	70	N/A	umhos/cm
TEMPERATURE (E170.1)	6.5	N/A	degrees c
pH (E150.1)	6.79	N/A	pH
ALKALINITY-TOTAL (SM403)	40.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	49.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0730 continued on next page)

(results for BAFB-0730 continued)

Field No. : BAFB-0730
Laboratory No. : 25118-1
Normal Environmental Sample

Location : 6-C-1SW
Sampling Date : 12/05/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	8.0		3.0	mg/l
CHLORIDE (E325.3)	6.6		1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050		0.050	mg/l
NITRATE + NITRITE (E353.3)	0.53		0.13	mg/l
SULFATE (E375.4)	7.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	18.5		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.070		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	7.82		1.00	
Iron	0.101		0.100	
Magnesium	4.38		1.00	
Manganese	0.0682		0.0150	
Potassium	1.17		1.00	
Sodium	4.83		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	44	(0)	1	
Bromochloromethane	127		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0730 continued on next page)

(results for BAFB-0730 continued)

Field No. : BAFB-0730
Laboratory No. : 25118-1
Normal Environmental Sample

Location : 6-C-1SW
Sampling Date : 12/05/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	111	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Di-n-Butylphthalate	6 BJ	10	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
p-Terphenyl-d14 (SS)	64	N/A	
Phenol-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	53	N/A	
2,4,6-Tribromophenol (SS)	55	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0730)

SITE 9

Soil Analyses

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0204
Laboratory No. : 21805-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0204 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8080	Pesticides and PCBs	12/31/88	dry	1.0	mg/kg
SW8150	Herbicides	Resampled	wet	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	4.8	N/A	%
MERCURY (SW7471)	0.084	0.063	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<53	53	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	4600	21.0	
Barium	99.5	10.5	
Calcium	2020	105	
Chromium	20.0	3.2	
Cobalt	5.7	4.2	
Copper	41.0	3.2	
Iron	10300	10.5	
Magnesium	2760	105	
Manganese	254	1.6	
Nickel	17.9	4.2	
Potassium	693	210	
Sodium	122	105	
Vanadium	23.5	4.2	
Zinc	53.2	2.1	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0204 continued on next page)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0204
Laboratory No. : 21805-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
PESTICIDES AND PCBS (SW8080) (non-detect)			mg/kg
HERBICIDES (SW8150)	(Resampled for this analysis. See BAFB-0436)		
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.013	0.011	
Toluene	0.043	0.005	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.7 B	0.35	
bis(2-Ethylhexyl)Phthalate	0.22 J	0.35	
2-Fluorophenol (SS)	100	N/A	
Phenol-d5 (SS)	105	N/A	
Nitrobenzene-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0204)

Field No. : BAFB-0436
Laboratory No. : 22191-3
Sample Depth : 0.00 - 0.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 9-C-1SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0436

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8150	Herbicides	02/08/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
HERBICIDES (SW8150)			mg/kg
(non-detect)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0436)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0205
Laboratory No. : 21805-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0205

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8080	Pesticides and PCBs	12/31/88	dry	1.0	mg/kg
SW8150	Herbicides	Resampled	wet	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS)	85	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8990	22.9	
Barium	149	11.5	
Calcium	2500	115	
Chromium	36.1	3.4	
Cobalt	43.3	4.6	
Copper	55.0	3.4	
Iron	30800	11.5	
Magnesium	4880	115	
Manganese	1580	1.7	
Nickel	22.9	4.6	
Potassium	355	229	
Sodium	132	115	
Vanadium	100	4.6	
Zinc	63.3	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0205 continued on next page)

(results for BAFB-0205 continued)

Field No. : BAFB-0205
Laboratory No. : 21805-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
PESTICIDES AND PCBS (SW8080) (non-detect)			mg/kg
HERBICIDES (SW8150)	(Resampled for this analysis. See BAFB-0437)		
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.031	0.011	
Toluene	0.057	0.006	
1,2-Dichloroethane-d4 (SS)	111	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	108	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	3.0 B	0.38	
bis(2-Ethylhexyl)Phthalate	0.11 J	0.38	
2-Fluorophenol (SS)	105	N/A	
Phenol-d5 (SS)	110	N/A	
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
2,4,6-Tribromophenol (SS)	88	N/A	
p-Terphenyl-d14 (SS)	101	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0205)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0437
Laboratory No. : 22191-4
Sample Depth : 5.00 - 5.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 9-C-1SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0437

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8150	Herbicides	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
HERBICIDES (SW8150) (non-detect)			mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0437)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0206
Laboratory No. : 21805-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0206

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8080	Pesticides and PCBs	12/31/88	dry	1.0	mg/kg
SW8150	Herbicides	Resampled	wet	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS)	390	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15900	25.4	
Barium	125	12.7	
Calcium	5290	127	
Chromium	38.9	3.8	
Cobalt	24.2	5.1	
Copper	59.2	3.8	
Iron	27400	12.7	
Magnesium	8840	127	
Manganese	490	1.9	
Nickel	24.2	5.1	
Potassium	471	254	
Sodium	204	127	
Vanadium	48.9	5.1	
Zinc	76.6	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0206 continued on next page)

(results for BAFB-0206 continued)

Field No. : BAFB-0206
Laboratory No. : 21805-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
PESTICIDES AND PCBS (SW8080) (non-detect)			mg/kg
HERBICIDES (SW8150)	(Resampled for this analysis. See BAFB-0438)		
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.034	0.013	
Toluene	0.074	0.006	
1,2-Dichloroethane-d4 (SS)	105	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.8 B	0.42	
Di-n-Butylphthalate	0.074 J	0.42	
bis(2-Ethylhexyl)Phthalate	0.24 J	0.42	
2-Fluorophenol (SS)	92	N/A	
Phenol-d5 (SS)	93	N/A	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	97	N/A	
p-Terphenyl-d14 (SS)	102	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0206)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0438
Laboratory No. : 22191-5
Sample Depth : 10.00 - 10.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 9-C-1SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0438 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8150	Herbicides	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
HERBICIDES (SW8150) (non-detect)			mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0438)

Field No. : BAFB-0439
Laboratory No. : 22191-6
Sample Depth : 10.50 - 11.00 ft. BGS
Field Replicate for BAFB-0438--RESAMPLE

Field Log No. : 9-C-1SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0439		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8150	Herbicides	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
HERBICIDES (SW8150) (non-detect)			mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0439)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0207
Laboratory No. : 21805-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0207 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8080	Pesticides and PCBs	12/31/88	dry	1.0	mg/kg
SW8150	Herbicides	Resampled	wet	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10100	24.8	
Barium	61.8	12.4	
Calcium	3150	124	
Chromium	23.6	3.7	
Cobalt	11.5	5.0	
Copper	36.2	3.7	
Iron	24100	12.4	
Magnesium	4890	124	
Manganese	329	1.9	
Nickel	13.6	5.0	
Potassium	372	248	
Sodium	118	124	
Vanadium	66.5	5.0	
Zinc	60.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0207 continued on next page)

(results for BAFB-0207 continued)

Field No. : BAFB-0207
Laboratory No. : 21805-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
PESTICIDES AND PCBS (SW8080) (non-detect)			mg/kg
HERBICIDES (SW8150)	(Resampled for this analysis. See BAFB-0440)		
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.037	0.012	
2-Butanone	0.006 J	0.012	
Toluene	0.019	0.006	
1,2-Dichloroethane-d4 (SS)	113	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	104	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.5 B	0.41	
Di-n-Butylphthalate	0.14 J	0.41	
bis(2-Ethylhexyl)Phthalate	0.16 J	0.41	
2-Fluorophenol (SS)	82	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	98	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0207)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0440
Laboratory No. : 22191-7
Sample Depth : 15.00 - 15.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 9-C-1SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0440		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8150	Herbicides	02/07/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
HERBICIDES (SW8150) (non-detect)			mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0440)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0211
Laboratory No. : 21805-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 9-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0211

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8080	Pesticides and PCBs	12/31/88	dry	1.0	mg/kg
SW8150	Herbicides	Resampled	wet	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<65	65	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13300	26.0	
Barium	264	13.0	
Calcium	4920	130	
Chromium	35.9	3.9	
Cobalt	29.8	5.2	
Copper	57.1	3.9	
Iron	30200	13.0	
Magnesium	7610	130	
Manganese	1340	2.0	
Nickel	23.4	5.2	
Potassium	364	260	
Sodium	174	130	
Vanadium	80.6	5.2	
Zinc	75.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0211 continued on next page)

(results for BAFB-0211 continued)

Field No. : BAFB-0211 Field Log No. : 9-C-1SB
Laboratory No. : 21805-6 Sampling Date : 12/09/88
Sample Depth : 20.00 - 21.50 ft. BGS Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
PESTICIDES AND PCBS (SW8080) (non-detect)			mg/kg
HERBICIDES (SW8150)	(Resampled for this analysis. See BAFB-0441)		
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.030	0.007	
1,2-Dichloroethane-d4 (SS)	105	N/A	
Toluene-d8 (SS)	104	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg.
Phenol	2.6 B	0.43	
Di-n-Butylphthalate	0.14 J	0.43	
bis(2-Ethylhexyl)Phthalate	0.20 J	0.43	
2-Fluorophenol (SS)	83	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	58	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	94	N/A	
p-Terphenyl-d14 (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0211)

BEALE AFB SITE 9: Soil Data 1988/1989

Field No. : BAFB-0441
Laboratory No. : 22191-8
Sample Depth : 20.00 - 20.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 9-C-1SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0441

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8150	Herbicides	02/07/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
HERBICIDES (SW8150) (non-detect)			mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0441)

SITE 11

Soil Analyses

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0212
Laboratory No. : 21805-7
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0212		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg.
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8930	22.4	
Barium	134	11.2	
Calcium	2040	112	
Chromium	39.7	3.4	
Cobalt	8.5	4.5	
Copper	53.4	3.4	
Iron	18400	11.2	
Magnesium	2220	112	
Manganese	268	1.7	
Nickel	16.8	4.5	
Potassium	617	224	
Sodium	199	112	
Vanadium	50.3	4.5	
Zinc	64.0	2.2	
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.036	0.011	
Toluene	0.047	0.006	
1,2-Dichloroethane-d4 (SS)	109	N/A	
Toluene-d8 (SS)	111	N/A	
1,4-Bromofluorobenzene (SS)	101	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0212 continued on next page)

(results for BAFB-0212 continued)

Field No. : BAFB-0212
Laboratory No. : 21805-7
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.37	
N-Nitrosodiphenylamine (1)	0.048 J	0.37	
Di-n-Butylphthalate	0.081 BJ	0.37	
bis(2-Ethylhexyl)Phthalate	0.22 BJ	0.37	
2-Fluorophenol (SS)	93	N/A	
Phenol-d5 (SS)	75	N/A	
Nitrobenzene-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
2,4,6-Tribromophenol (SS)	87	N/A	
p-Terphenyl-d14 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0212)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0213
Laboratory No. : 21805-8
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0213

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/19/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/21/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/21/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.6	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg.
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17500	24.3	
Barium	1040	12.1	
Calcium	4250	121	
Chromium	32.0	3.6	
Cobalt	10.9	4.9	
Copper	45.4	3.6	
Iron	28200	12.1	
Magnesium	4380	121	
Manganese	351	1.8	
Nickel	24.5	4.9	
Potassium	643	243	
Sodium	483	121	
Vanadium	71.2	4.9	
Zinc	82.9	2.4	
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.025	0.012	
Toluene	0.030	0.006	
1,2-Dichloroethane-d4 (SS)	105	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0213 continued on next page)

(results for BAFB-0213 continued)

Field No. : BAFB-0213
Laboratory No. : 21805-8
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.3 B	0.40	
Di-n-Butylphthalate	1.0 B	0.40	
bis(2-Ethylhexyl)Phthalate	0.33 BJ	0.40	
2-Fluorophenol (SS)	98	N/A	
Phenol-d5 (SS)	82	N/A	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0213)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0280
Laboratory No. : 21879-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-2SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0280

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	0.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	32	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10700	23.8	
Barium	118	11.9	
Calcium	2680	119	
Chromium	22.6	3.6	
Cobalt	8.3	4.8	
Copper	15.5	3.6	
Iron	18100	11.9	
Magnesium	2320	119	
Manganese	219	1.8	
Nickel	8.8	4.8	
Sodium	290	119	
Vanadium	57.0	4.8	
Zinc	28.8	2.4	
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.008 J	0.012	
Toluene	0.056	0.006	
1,2-Dichloroethane-d4 (SS)	85	N/A	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0280 continued on next page)

(results for BAFB-0280 continued)

Field No. : BAFB-0280
Laboratory No. : 21879-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-2SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.087 BJ	0.39	
Nitrobenzene-d5 (SS)	55	N/A	
2-Fluorophenol (SS)	51	N/A	
p-Terphenyl-d14 (SS)	54	N/A	
Phenol-d5 (SS)	58	N/A	
2-Fluorobiphenyl (SS)	46	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0280)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0281
Laboratory No. : 21879-3
Sample Depth : 6.00 - 7.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-2SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0281 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	0.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg.
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	29000	26.1	
Barium	371	13.1	
Beryllium	0.78	0.65	
Calcium	4690	131	
Chromium	30.3	3.9	
Cobalt	13.1	5.2	
Copper	27.8	3.9	
Iron	26500	13.1	
Magnesium	3220	131	
Manganese	612	2.0	
Nickel	24.8	5.2	
Sodium	484	131	
Vanadium	77.8	5.2	
Zinc	40.0	2.6	
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.025	0.013	
2-Butanone	0.095	0.013	
Toluene	0.063	0.007	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0281 continued on next page)

(results for BAFB-0281 continued)

Field No. : BAFB-0281
Laboratory No. : 21879-3
Sample Depth : 6.00 - 7.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-2SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.18 J	0.43	
bis(2-Ethylhexyl)Phthalate	0.16 BJ	0.43	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	79	N/A	
Phenol-d5 (SS)	69	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0281)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0406
Laboratory No. : 22087-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-3SB
Sampling Date : 01/13/89
Matrix : Soil

Tests performed on sample: BAFB-0406		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/24/89	dry	1.0	mg/kg
SW8240	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	84	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7560	24.1	
Barium	241	12.0	
Cadmium	4.7	1.2	
Calcium	2740	120	
Chromium	30.8	3.6	
Cobalt	7.8	4.8	
Copper	45.4	3.6	
Iron	14400	12.0	
Lead	119	24.1	
Magnesium	2640	120	
Manganese	196	1.8	
Nickel	13.2	4.8	
Sodium	236	120	
Vanadium	47.9	4.8	
Zinc	89.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0406 continued on next page)

(results for BAFB-0406 continued)

Field No. : BAFB-0406
Laboratory No. : 22087-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-3SB
Sampling Date : 01/13/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.053	0.006	
Acetone	0.053	0.012	
Carbon Disulfide	0.006 J	0.006	
2-Butanone	0.012 J	0.012	
Trichloroethene	0.014	0.006	
Toluene	0.14	0.006	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	105	N/A	
1,4-Bromofluorobenzene (SS)	107	N/A	
SEMI-VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0541)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0406)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0541
Laboratory No. : 23315-2
Sample Depth : 0.00 - 1.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 11-C-3SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0541		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	05/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.063 J	0.33	
bis(2-Ethylhexyl)Phthalate	0.65	0.33	
2-Fluorophenol (SS)	61	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	57	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	
p-Terphenyl-d14 (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0541)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0416
Laboratory No. : 22087-3
Sample Depth : 1.50 - 3.00 ft. BGS
Field Replicate for BAFB-0406

Field Log No. : 11-C-3SB
Sampling Date : 01/13/89
Matrix : Soil

Tests performed on sample: BAFB-0416

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/24/89	dry	1.0	mg/kg
SW8240	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.7	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11200	24.3	
Barium	445	12.2	
Beryllium	0.85	0.61	
Calcium	3320	122	
Chromium	19.4	3.6	
Cobalt	8.3	4.9	
Copper	18.2	3.6	
Iron	17600	12.2	
Magnesium	4000	122	
Manganese	173	1.8	
Nickel	14.6	4.9	
Sodium	433	122	
Vanadium	63.5	4.9	
Zinc	32.9	2.4	

(results for BAFB-0416 continued)

Field No. : BAFB-0416
Laboratory No. : 22087-3
Sample Depth : 1.50 - 3.00 ft. BGS
Field Replicate for BAFB-0406

Field Log No. : 11-C-3SB
Sampling Date : 01/13/89
Matrix : Soil

Description	Value	Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.050 B	0.006	
Acetone	0.35 B	0.012	
Carbon Disulfide	0.007 B	0.006	
2-Butanone	0.027 B	0.012	
Toluene	0.017	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0542)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0416)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0542
Laboratory No. : 23315-3
Sample Depth : 1.50 - 3.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 11-C-3SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0542

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	05/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.077 J	0.33	
bis(2-Ethylhexyl)Phthalate	0.14 J	0.33	
2-Fluorophenol (SS)	61	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	58	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0542)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0417
Laboratory No. : 22087-4
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-3SB
Sampling Date : 01/13/89
Matrix : Soil

Tests performed on sample: BAFB-0417

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/15/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/17/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/26/89	dry	1.0	mg/kg
SW8240	Semi-Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15000	25.9	
Barium	312	13.0	
Beryllium	0.65	0.65	
Calcium	4020	130	
Chromium	19.4	3.9	
Cobalt	11.0	5.2	
Copper	25.9	3.9	
Iron	26800	13.0	
Magnesium	3960	130	
Manganese	484	1.9	
Nickel	16.8	5.2	
Potassium	583	259	
Sodium	539	130	
Thallium	110	64.8	
Vanadium	83.3	5.2	
Zinc	50.6	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0417 continued on next page)

(results for BAFB-0417 continued)

Field No. : BAFB-0417
Laboratory No. : 22087-4
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 11-C-3SB
Sampling Date : 01/13/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.006	
Acetone	0.035 B	0.013	
2-Butanone	0.012 J	0.013	
Toluene	0.065	0.006	
1,2-Dichloroethane-d4 (SS)	91	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	

SEMI-VOLATILE ORGANICS (SW8240) (Resampled for this analysis. See BAFB-0543)

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0417)

BEALE AFB SITE 11: Soil Data 1988/1989

Field No. : BAFB-0543
Laboratory No. : 23115-4
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 11-C-3SB
Sampling Date : 05/03/89
Matrix : Soil

Tests performed on sample: BAFB-0543		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	05/20/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodimethylamine	0.093 J	0.33	
2-Fluorophenol (SS)	58	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	51	N/A	
2-Fluorobiphenyl (SS)	53	N/A	
2,4,6-Tribromophenol (SS)	86	N/A	
p-Terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0543)

SITE 11

Water Data 1st Round Sampling 1989

BEALE AFB SITE 11: Water Data 1st Round Sampling 1989

Field No. : BAFB-0526
Laboratory No. : 22915-1
Normal Environmental Sample

Field Log No. : 11-A-1GW
Sampling Date : 04/04/89
Matrix : Water

Tests performed on sample: BAFB-0526

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	04/04/89	wet	1.0	umhos/cm
E170.1	Temperature	04/04/89	wet	1.0	degrees c
E150.1	pH	04/04/89	wet	1.0	pH
SM403	Alkalinity - Total	04/04/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	04/04/89	wet	1.0	mg/l
SM403	Bicarbonate	04/04/89	wet	1.0	mg/l
SM403	Carbonate	04/04/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/07/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/21/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/18/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/18/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.64	N/A	pH
ALKALINITY-TOTAL (SM403)	84.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	167	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0526 continued on next page)

(results for BAFB-0526 continued)

Field No. : BAFB-0526
Laboratory No. : 22915-1
Normal Environmental Sample

Field Log No. : 11-A-1GW
Sampling Date : 04/04/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	11.4		1.0	mg/l
FLUORIDE (E340.2)	0.37		0.050	mg/l
NITRATE + NITRITE (E353.3)	8.1		0.050	mg/l
SULFATE (E375.4)	6.8		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	11.1		1.00	
Potassium	1.00		1.00	
Magnesium	4.28		1.00	
Sodium	27.9		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	130		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(2)	1	
trifluorotoluene (SS)	128		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
2,4,6-tribromophenol (SS)	56		N/A	
2-fluorophenol (SS)	71		N/A	
2-fluorobiphenyl (SS)	59		N/A	
nitrobenzene-d5 (SS)	58		N/A	
phenol-d5 (SS)	91		N/A	
p-terphenyl-d14 (SS)	77		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0526)

SITE 11

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 11: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0620
Laboratory No. : 24202-5
Normal Environmental Sample

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Tests performed on sample: BAFB-0620 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/31/89	wet	1.0	umhos/cm
E170.1	Temperature	08/31/89	wet	1.0	degrees c
E150.1	pH	08/31/89	wet	1.0	pH
SM403	Alkalinity - Total	08/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/31/89	wet	1.0	mg/l
SM403	Bicarbonate	08/31/89	wet	1.0	mg/l
SM403	Carbonate	08/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/06/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/08/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.83	N/A	pH
ALKALINITY-TOTAL (SM403)	74.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	90.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	242	3.0	mg/l
CHLORIDE (E325.3)	12.2	1.0	mg/l
FLUORIDE (E340.2)	0.25	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0620 continued on next page)

(results for BAFB-0620 continued)

Field No. : BAFB-0620
Laboratory No. : 24202-5
Normal Environmental Sample

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	10.1	0.13	mg/l
SULFATE (E375.4)	21.1	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	12.2	1.00	
Iron	0.128	0.100	
Magnesium	4.70	1.00	
Sodium	27.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	104	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	106	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
p-Terphenyl-d14 (SS)	94	N/A	
Phenol-d5 (SS)	76	N/A	
2-Fluorophenol (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0620)

BEALE AFB SITE 11: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0621
Laboratory No. : 24202-6
Field Replicate for BAFB-0620

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Tests performed on sample: BAFB-0621

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/31/89	wet	1.0	umhos/cm
E170.1	Temperature	08/31/89	wet	1.0	degrees c
E150.1	pH	08/31/89	wet	1.0	pH
SM403	Alkalinity - Total	08/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/31/89	wet	1.0	mg/l
SM403	Bicarbonate	08/31/89	wet	1.0	mg/l
SM403	Carbonate	08/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/06/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/08/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	22.0	N/A	degrees c
pH (E150.1)	7.83	N/A	pH
ALKALINITY-TOTAL (SM403)	77.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	94.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	203	3.0	mg/l
CHLORIDE (E325.3)	10.8	1.0	mg/l
FLUORIDE (E340.2)	0.27	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0621 continued on next page)

(results for BAFB-0621 continued)

Field No. : BAFB-0621
Laboratory No. : 24202-6
Field Replicate for BAFB-0620

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	10.1	0.13	mg/l
SULFATE (E375.4)	11.4	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	12.2	1.00	
Magnesium	4.72	1.00	
Sodium	27.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	103	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	103	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 BJ	10	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
p-Terphenyl-d14 (SS)	85	N/A	
Phenol-d5 (SS)	76	N/A	
2-Fluorophenol (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0621)

BEALE AFB SITE 11: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0618
Laboratory No. : 24202-3
Field Blank

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Tests performed on sample: BAFB-0618 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/08/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	850	(1300)	5	
Bromochloromethane (SS)	107		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(1)	1	
Trifluorotoluene (SS)	103		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0618)

BEALE AFB SITE 11: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0619
Laboratory No. : 24202-4
Equipment Wash Blank

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Tests performed on sample: BAFB-0619 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	09/06/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/08/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	22.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	1.2	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0619 continued on next page)

(results for BAFB-0619 continued)

Field No. : BAFB-0619
Laboratory No. : 24202-4
Equipment Wash Blank

Field Log No. : 11-A-1GW
Sampling Date : 08/31/89
Matrix : Water

Description	Value		Detection Limit	Units
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	730	(1200)	5	
Bromochloromethane (SS)	103		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	113		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	5	BJ	10	
bis(2-Ethylhexyl)Phthalate	60		10	
Nitrobenzene-d5 (SS)	87		N/A	
2-Fluorobiphenyl (SS)	80		N/A	
p-Terphenyl-d14 (SS)	110		N/A	
Phenol-d5 (SS)	72		N/A	
2-Fluorophenol (SS)	65		N/A	
2,4,6-Tribromophenol (SS)	86		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0619)

SITE 13

Soil Analyses

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0106
Laboratory No. : 21757-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0106

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	7.0	N/A	%
MERCURY (SW7471) (non-detect)	<0.065	0.065	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.3	4.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<54	54	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5030	21.5	
Barium	46.5	10.8	
Calcium	2580	108	
Chromium	16.1 B	3.2	
Cobalt	7.1	4.3	
Copper	26.3	3.2	
Iron	11800 B	10.8	
Magnesium	2160	108	
Manganese	420	1.6	
Nickel	10.8	4.3	
Sodium	145	108	
Vanadium	39.6	4.3	
Zinc	26.5	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0106 continued on next page)

(results for BAFB-0106 continued)

Field No. : BAFB-0106
Laboratory No. : 21757-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.029 B	0.005	
Toluene	0.048	0.005	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.29 J	0.35	
bis(2-Ethylhexyl)Phthalate	0.035 J	0.35	
2-Fluorophenol (SS)	72	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	55	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	61	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0106)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0107
Laboratory No. : 21757-5
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0107

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	26.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.082	0.082	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.4	5.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<68	68	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16600	27.2	
Barium	190	13.6	
Calcium	10400	136	
Chromium	50.9 B	4.1	
Cobalt	33.5	5.4	
Copper	62.9	4.1	
Iron	26800 B	13.6	
Magnesium	10100	136	
Manganese	1210	2.0	
Nickel	50.1	5.4	
Potassium	1050	272	
Sodium	174	136	
Vanadium	60.8	5.4	
Zinc	81.0	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0107 continued on next page)

(results for BAFB-0107 continued)

Field No. : BAFB-0107
Laboratory No. : 21757-5
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.042 B	0.007	
Toluene	0.065	0.007	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.68 B	0.45	
bis(2-Ethylhexyl)Phthalate	0.065 J	0.45	
2-Fluorophenol (SS)	77	N/A	
Phenol-d5 (SS)	75	N/A	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	
p-Terphenyl-d14 (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0107)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0108
Laboratory No. : 21757-6
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0108

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.083	0.083	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.5	5.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<69	69	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17300	27.7	
Barium	141	13.9	
Calcium	5140	139	
Chromium	29.9 B	4.2	
Cobalt	13.9	5.5	
Copper	37.3	4.2	
Iron	24500 B	13.9	
Magnesium	6570	139	
Manganese	579	2.1	
Nickel	30.9	5.5	
Potassium	1040	277	
Sodium	248	139	
Vanadium	51.1	5.5	
Zinc	64.4	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0108 continued on next page)

(results for BAFB-0108 continued)

Field No. : BAFB-0108
Laboratory No. : 21757-6
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.040 B	0.007	
Toluene	0.039	0.007	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.65 B	0.46	
2-Fluorophenol (SS)	75	N/A	
Phenol-d5 (SS)	77	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	
p-Terphenyl-d14 (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0108)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0111
Laboratory No. : 21771-2
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0111

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.0	5.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11900	24.9	
Barium	72.3	12.5	
Calcium	4390	125	
Chromium	27.8 B	3.7	
Cobalt	18.7	5.0	
Copper	44.1	3.7	
Iron	26700 B	12.5	
Magnesium	5560	125	
Manganese	633	1.9	
Nickel	21.2	5.0	
Potassium	474	249	
Sodium	182	125	
Vanadium	79.8	5.0	
Zinc	52.5 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0111 continued on next page)

(results for BAFB-0111 continued)

Field No. : BAFB-0111
Laboratory No. : 21771-2
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.020 B	0.006	
Acetone	0.081	0.012	
Toluene	0.026	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenanthrene	0.057 J	0.41	
Di-n-Butylphthalate	0.31 J	0.41	
Fluoranthene	0.065 J	0.41	
Pyrene	0.057 J	0.41	
bis(2-Ethylhexyl)Phthalate	0.11 J	0.41	
2-Fluorophenol (SS)	92	N/A	
Phenol-d5 (SS)	93	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	100	N/A	
p-Terphenyl-d14 (SS)	126	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0111)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0113
Laboratory No. : 21771-4
Sample Depth : 51.00 - 52.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0113		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.8	4.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14100	24.2	
Barium	393	12.1	
Calcium	4880	121	
Chromium	37.2 B	3.6	
Cobalt	23.0	4.8	
Copper	40.5	3.6	
Iron	27600 B	12.1	
Magnesium	5670	121	
Manganese	2040	1.8	
Nickel	28.0	4.8	
Potassium	424	242	
Sodium	190	121	
Vanadium	86.1	4.8	
Zinc	53.1	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0113 continued on next page)

(results for BAFB-0113 continued)

Field No. : BAFB-0113
Laboratory No. : 21771-4
Sample Depth : 51.00 - 52.50 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-1SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.022 B	0.006	
Acetone	0.063	0.012	
Toluene	0.030	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.15 J	0.40	
bis(2-Ethylhexyl)Phthalate	0.42	0.40	
2-Fluorophenol (SS)	102	N/A	
Phenol-d5 (SS)	105	N/A	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
2,4,6-Tribromophenol (SS)	86	N/A	
p-Terphenyl-d14 (SS)	101	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0113)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0252
Laboratory No. : 21872-7
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0252

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/12/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	9.2	N/A	
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0424)		
TFH-GAS (TFH-GAS) (non-detect)	<55	55	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17100	22.0	
Barium	122	11.0	
Calcium	5040	110	
Chromium	32.9	3.3	
Cobalt	18.7	4.4	
Copper	45.7	3.3	
Iron	28400	11.0	
Magnesium	5340	110	
Manganese	759	1.7	
Nickel	19.8	4.4	
Potassium	363	220	
Sodium	287	110	
Thallium	68.9	55.1	
Vanadium	80.4	4.4	
Zinc	53.3	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0252 continued on next page)

(results for BAFB-0252 continued)

Field No. : BAFB-0252
Laboratory No. : 21872-7
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.006	
Acetone	0.018 B	0.011	
Toluene	0.004 J	0.006	
1,2-Dichloroethane-d4 (SS)	117	N/A	
Toluene-d8 (SS)	107	N/A	
1,4-Bromofluorobenzene (SS)	86	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.26 J	0.36	
bis(2-Ethylhexyl)Phthalate	0.091 BJ	0.36	
2-Fluorophenol (SS)	70	N/A	
Phenol-d5 (SS)	86	N/A	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	
p-Terphenyl-d14 (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0252)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0424
Laboratory No. : 22159-1
Sample Depth : 7.50 - 8.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0424

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0424)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0254
Laboratory No. : 21872-9
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0254

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.6	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0426)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.2	6.2	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	24.9	
Barium	144	12.4	
Calcium	4470	124	
Chromium	36.6	3.7	
Cobalt	28.7	5.0	
Copper	60.7	3.7	
Iron	36200	12.4	
Magnesium	6770	124	
Manganese	1360	1.9	
Nickel	28.7	5.0	
Potassium	398	249	
Sodium	353	124	
Vanadium	116	5.0	
Zinc	66.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0254 continued on next page)

Field No. : BAFB-0254
Laboratory No. : 21872-9
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.006	
Acetone	0.027 B	0.012	
trans-1,2,-Dichloroethene	0.005 J	0.006	
Trichloroethene	0.007	0.006	
Toluene	0.021	0.006	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	82	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.41	0.41	
bis(2-Ethylhexyl)Phthalate	0.29 BJ	0.41	
2-Fluorophenol (SS)	61	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0254)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0426
Laboratory No. : 22159-3
Sample Depth : 17.50 - 18.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0426

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0426)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0255
Laboratory No. : 21872-10
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0255		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.0	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0427 and BAFB-0428)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.3	6.3	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21500	25.3	
Barium	325	12.7	
Calcium	4040	127	
Chromium	40.8	3.8	
Cobalt	24.1	5.1	
Copper	43.2	3.8	
Iron	31500	12.7	
Magnesium	5440	127	
Manganese	1970	1.9	
Nickel	43.9	5.1	
Potassium	823	253	
Sodium	335	127	
Thallium	63.3	63.3	
Vanadium	77.8	5.1	
Zinc	64.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0255 continued on next page)

(results for BAFB-0255 continued)

Field No. : BAFB-0255
Laboratory No. : 21872-10
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.006	
Acetone	0.037 B	0.013	
trans-1,2,-Dichloroethene	0.014	0.006	
Trichloroethene	0.038	0.006	
Toluene	0.028	0.006	
1,2-Dichloroethane-d4 (SS)	102	N/A	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	81	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	66	N/A	
Phenol-d5 (SS)	76	N/A	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	61	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0255)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0427
Laboratory No. : 22159-4
Sample Depth : 27.50 - 28.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0427

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0427)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0428
Laboratory No. : 22159-5
Sample Depth : 28.00 - 28.50 ft. BGS
Field Replicate for BAFB-0427--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0428

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0428)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0256
Laboratory No. : 21872-11
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0256

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.0	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0429)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.0	6.0	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15200	24.1	
Barium	98.2	12.0	
Calcium	3720	120	
Chromium	27.7	3.6	
Cobalt	13.3	4.8	
Copper	32.7	3.6	
Iron	26300	12.0	
Magnesium	4750	120	
Manganese	658	1.8	
Nickel	24.5	4.8	
Potassium	988	241	
Sodium	323	120	
Thallium	74.1	60.2	
Vanadium	64.6	4.8	
Zinc	59.4	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0256 continued on next page)

(results for BAFB-0256 continued)

Field No. : BAFB-0256
Laboratory No. : 21872-11
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.010 B	0.006	
Acetone	0.014 B	0.012	
1,2-Dichloroethane-d4 (SS)	108	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	114	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.29 J	0.40	
2-Fluorophenol (SS)	77	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0256)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0429
Laboratory No. : 22159-6
Sample Depth : 37.50 - 38.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0429

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0429)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0257
Laboratory No. : 21872-12
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0257

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.4	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0430)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<5.9	5.9	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12300	23.6	
Barium	210	11.8	
Calcium	4440	118	
Chromium	27.7	3.5	
Cobalt	30.3	4.7	
Copper	39.5	3.5	
Iron	26100	11.8	
Magnesium	5390	118	
Manganese	1310	1.8	
Nickel	22.5	4.7	
Potassium	508	236	
Sodium	195	118	
Vanadium	70.7	4.7	
Zinc	52.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0257 continued on next page)

(results for BAFB-0257 continued)

Field No. : BAFB-0257
Laboratory No. : 21872-12
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.008 B	0.006	
trans-1,2,-Dichloroethene	0.006	0.006	
Trichloroethene	0.045	0.006	
1,1,2-Trichloroethane	0.009	0.006	
1,2-Dichloroethane-d4 (SS)	83	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	120	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	1.5	0.39	
bis(2-Ethylhexyl)Phthalate	0.24 BJ	0.39	
2-Fluorophenol (SS)	83	N/A	
Phenol-d5 (SS)	95	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0257)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0430
Laboratory No. : 22159-7
Sample Depth : 47.50 - 48.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2SB
Sampling Date : 01/23/89
Matrix : Soil

Tests performed on sample: BAFB-0430

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/09/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0430)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0258
Laboratory No. : 21879-7
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0258

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
MERCURY (SW7471)	(Analysis not performed for this analysis)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11100	24.4	
Barium	133	12.2	
Calcium	4130	122	
Chromium	35.9	3.7	
Cobalt	18.3	4.9	
Copper	37.0	3.7	
Iron	25900	12.2	
Magnesium	6100	122	
Manganese	804	1.8	
Nickel	23.2	4.9	
Potassium	477	244	
Sodium	167	122	
Vanadium	86.7	4.9	
Zinc	55.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0258 continued on next page)

(results for BAFB-0258 continued)

Field No. : BAFB-0258
Laboratory No. : 21879-7
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-2SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007	0.006	
Acetone	0.024 B	0.012	
trans-1,2,-Dichloroethene	0.21	0.006	
Chloroform	0.006	0.006	
Trichloroethene	0.21	0.006	
1,1,2-Trichloroethane	0.062	0.006	
Tetrachloroethene	0.004 J	0.006	
Toluene	0.042	0.006	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.24 BJ	0.40	
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorophenol (SS)	92	N/A	
p-Terphenyl-d14 (SS)	84	N/A	
Phenol-d5 (SS)	89	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0258)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0246
Laboratory No. : 21860-7
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0246		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	8.5	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.24	0.066	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<55	55	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8190	21.9	
Barium	214	10.9	
Calcium	3130	109	
Chromium	37.0	3.3	
Cobalt	42.2	4.4	
Copper	37.7	3.3	
Iron	26600	10.9	
Magnesium	2460	109	
Manganese	1700	1.6	
Nickel	18.6	4.4	
Potassium	251	219	
Sodium	116	109	
Vanadium	89.4	4.4	
Zinc	40.2	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0246 continued on next page)

(results for BAFB-0246 continued)

Field No. : BAFB-0246
Laboratory No. : 21860-7
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.048 B	0.006	
Acetone	0.005 BJ	0.006	
Toluene	0.020	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	108	N/A	
1,4-Bromofluorobenzene (SS)	84	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.83 B	0.36	
bis(2-Ethylhexyl)Phthalate	0.23 BJ	0.36	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	74	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0246)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0247
Laboratory No. : 21860-8
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/14/88
Matrix : Soil

Tests performed on sample: BAFB-0247

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/28/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/06/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.2	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.11	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18000	25.4	
Barium	84.3	12.7	
Calcium	6570	127	
Chromium	52.2	3.8	
Cobalt	20.3	5.1	
Copper	61.9	3.8	
Iron	38700	12.7	
Magnesium	8350	127	
Manganese	514	1.9	
Nickel	27.7	5.1	
Potassium	444	254	
Sodium	226	127	
Vanadium	101	5.1	
Zinc	74.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0247 continued on next page)

(results for BAFB-0247 continued)

Field No. : BAFB-0247
Laboratory No. : 21860-8
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/14/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.062 B	0.007	
Acetone	0.008 BJ	0.007	
Toluene	0.005 J	0.007	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.86 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.30 BJ	0.42	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorophenol (SS)	68	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	51	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0247)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0248
Laboratory No. : 21872-3
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0248

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/12/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.9	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0431)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.3	6.3	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18700	25.3	
Barium	308	12.6	
Calcium	6170	126	
Chromium	52.3	3.8	
Cobalt	26.8	5.1	
Copper	63.3	3.8	
Iron	38900	12.6	
Magnesium	9890	126	
Manganese	1740	1.9	
Nickel	42.6	5.1	
Sodium	221	126	
Vanadium	104	5.1	
Zinc	75.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0248 continued on next page)

(results for BAFB-0248 continued)

Field No. : BAFB-0248
Laboratory No. : 21872-3
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Chloromethane	0.008 J	0.013	
Methylene Chloride	0.004 J	0.006	
Acetone	0.021 B	0.013	
Chloroform	0.005 J	0.006	
Toluene	0.030	0.006	
1,2-Dichloroethane-d4 (SS)	88	N/A	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	86	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.42	0.42	
bis(2-Ethylhexyl)Phthalate	0.18 BJ	0.42	
2-Fluorophenol (SS)	72	N/A	
Phenol-d5 (SS)	87	N/A	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	
p-Terphenyl-d14 (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0248)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0431
Laboratory No. : 22176-1
Sample Depth : 27.50 - 28.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-3SB
Sampling Date : 01/24/89
Matrix : Soil

Tests performed on sample: BAFB-0431

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/08/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0431)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0249
Laboratory No. : 21872-4
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0249

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/12/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.6	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0432 and BAFB-0433)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.3	6.3	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13700	25.2	
Barium	85.3	12.6	
Calcium	3940	126	
Chromium	28.6	3.8	
Cobalt	12.5	5.0	
Copper	33.8	3.8	
Iron	26400	12.6	
Magnesium	4740	126	
Manganese	451	1.9	
Nickel	25.2	5.0	
Potassium	668	252	
Sodium	315	126	
Vanadium	60.1	5.0	
Zinc	55.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0249 continued on next page)

(results for BAFB-0249 continued)

Field No. : BAFB-0249
Laboratory No. : 21872-4
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 J	0.006	
Acetone	0.016 B	0.013	
Chloroform	0.006	0.006	
Toluene	0.031	0.006	
1,2-Dichloroethane-d4 (SS)	101	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.91	0.42	
2-Fluorophenol (SS)	73	N/A	
Phenol-d5 (SS)	83	N/A	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0249)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0432
Laboratory No. : 22176-2
Sample Depth : 37.50 - 38.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-3SB
Sampling Date : 01/24/89
Matrix : Soil

Tests performed on sample: BAFB-0432

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/08/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	26.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.082	0.082	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0432)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0433
Laboratory No. : 22176-3
Sample Depth : 38.00 - 38.50 ft. BGS
Field Replicate for BAFB-0432--RESAMPLE

Field Log No. : 13-C-3SB
Sampling Date : 01/24/89
Matrix : Soil

Tests performed on sample: BAFB-0433		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	02/08/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0433)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0250
Laboratory No. : 21872-5
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0250

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/12/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.4	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0434)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<5.9	5.9	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19500	23.6	
Barium	180	11.8	
Calcium	5650	118	
Chromium	49.8	3.5	
Cobalt	21.3	4.7	
Copper	54.6	3.5	
Iron	37600	11.8	
Magnesium	7200	118	
Manganese	923	1.8	
Nickel	26.6	4.7	
Potassium	615	236	
Sodium	235	118	
Vanadium	103	4.7	
Zinc	65.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0250 continued on next page)

(results for BAFB-0250 continued)

Field No. : BAFB-0250 Field Log No. : 13-C-3SB
Laboratory No. : 21872-5 Sampling Date : 12/15/88
Sample Depth : 47.50 - 49.00 ft. BGS Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006 B	0.006	
Acetone	0.022 B	0.012	
Trichloroethene	0.005 J	0.006	
Toluene	0.021	0.006	
1,2-Dichloroethane-d4 (SS)	119	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.71	0.39	
bis(2-Ethylhexyl)Phthalate	0.21 J	0.39	
2-Fluorophenol (SS)	77	N/A	
Phenol-d5 (SS)	91	N/A	
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	
p-Terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0250)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0434
Laboratory No. : 22191-1
Sample Depth : 47.50 - 48.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-3SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0434		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	02/08/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0434)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0251
Laboratory No. : 21872-6
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Tests performed on sample: BAFB-0251

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
SW7471	Mercury	Resampled	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/27/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/12/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.3	N/A	%
MERCURY (SW7471)	(Resampled for this analysis. See BAFB-0435)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<6.5	6.5	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	22900	26.1	
Barium	88.0	13.0	
Beryllium	0.65	0.65	
Calcium	7420	130	
Chromium	40.2	3.9	
Cobalt	16.9	5.2	
Copper	59.3	3.9	
Iron	35700	13.0	
Magnesium	9230	130	
Manganese	596	2.0	
Nickel	28.0	5.2	
Potassium	756	261	
Sodium	279	130	
Vanadium	63.2	5.2	
Zinc	90.5	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0251 continued on next page)

(results for BAFB-0251 continued)

Field No. : BAFB-0251
Laboratory No. : 21872-6
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-3SB
Sampling Date : 12/15/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007 B	0.007	
Acetone	0.044 B	0.013	
2-Butanone	0.014 B	0.013	
Toluene	0.008	0.007	
1,2-Dichloroethane-d4 (SS)	111	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	83	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.27 J	0.43	
bis(2-Ethylhexyl)Phthalate	0.21 BJ	0.43	
2-Fluorophenol (SS)	61	N/A	
Phenol-d5 (SS)	76	N/A	
Nitrobenzene-d5 (SS)	68	N/A	
2-Fluorobiphenyl (SS)	59	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	
p-Terphenyl-d14 (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0251)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0435
Laboratory No. : 22191-2
Sample Depth : 57.50 - 58.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-3SB
Sampling Date : 01/25/89
Matrix : Soil

Tests performed on sample: BAFB-0435

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	02/08/89	dry	1.0	%
SW7471	Mercury	02/09/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0435)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0303
Laboratory No. : 21991-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0303

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15600	24.2	
Barium	246	12.1	
Calcium	4020	121	
Chromium	29.0	3.6	
Cobalt	15.8	4.8	
Copper	39.2	3.6	
Iron	26400	12.1	
Magnesium	6580	121	
Manganese	515	1.8	
Nickel	34.1	4.8	
Potassium	521	242	
Sodium	342	121	
Vanadium	67.3	4.8	
Zinc	52.8	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0303 continued on next page)

(results for BAFB-0303 continued)

Field No. : BAFB-0303
Laboratory No. : 21991-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.081	0.030	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.11 BJ	0.40	
bis(2-Ethylhexyl)Phthalate	0.11 BJ	0.40	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0303)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0305
Laboratory No. : 21991-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0305 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13700	24.9	
Barium	78.1	12.5	
Calcium	5170	125	
Chromium	38.5	3.7	
Cobalt	21.2	5.0	
Copper	55.5	3.7	
Iron	32900	12.5	
Magnesium	7380	125	
Manganese	526	1.9	
Nickel	23.7	5.0	
Potassium	449	249	
Sodium	284	125	
Vanadium	106	5.0	
Zinc	66.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0305 continued on next page)

(results for BAFB-0305 continued)

Field No. : BAFB-0305
Laboratory No. : 21991-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.091	0.006	
Acetone	0.019	0.012	
Toluene	0.001 J	0.006	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.25 BJ	0.41	
bis(2-Ethylhexyl)Phthalate	0.12 BJ	0.41	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0305)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0306
Laboratory No. : 21991-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0306

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.079	0.079	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20200	26.2	
Barium	204	13.1	
Calcium	6280	131	
Chromium	49.5	3.9	
Cobalt	28.7	5.2	
Copper	70.5	3.9	
Iron	39400	13.1	
Magnesium	11400	131	
Manganese	1040	2.0	
Nickel	44.4	5.2	
Potassium	590	262	
Sodium	275	131	
Vanadium	90.6	5.2	
Zinc	82.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0306 continued on next page)

(results for BAFB-0306 continued)

Field No. : BAFB-0306 Field Log No. : 13-C-4SB
Laboratory No. : 21991-5 Sampling Date : 01/04/89
Sample Depth : 27.50 - 29.00 ft. BGS Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.073	0.007	
Acetone	0.013	0.013	
Toluene	0.003 J	0.007	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	130	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.31 BJ	0.43	
bis(2-Ethylhexyl)Phthalate	0.13 BJ	0.43	
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	100	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0306)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0307
Laboratory No. : 21991-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0307

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.078	0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	28500	25.9	
Barium	131	12.9	
Calcium	5960	129	
Chromium	35.2	3.9	
Cobalt	15.5	5.2	
Copper	63.3	3.9	
Iron	38000	12.9	
Magnesium	7630	129	
Manganese	485	1.9	
Nickel	36.4	5.2	
Potassium	1220	259	
Sodium	502	129	
Thallium	104	64.7	
Vanadium	77.6	5.2	
Zinc	88.7	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0307 continued on next page)

(results for BAFB-0307 continued)

Field No. : BAFB-0307 Field Log No. : 13-C-4SB
Laboratory No. : 21991-6 Sampling Date : 01/04/89
Sample Depth : 37.50 - 39.00 ft. BGS Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.10	0.006	
Acetone	0.014	0.013	
Toluene	0.003 J	0.006	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.25 BJ	0.43	
bis(2-Ethylhexyl)Phthalate	0.12 BJ	0.43	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorophenol (SS)	51	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	54	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0307)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0309
Laboratory No. : 21991-8
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0309

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15100	25.8	
Barium	183	12.9	
Beryllium	0.77	0.64	
Calcium	5720	129	
Chromium	49.1	3.9	
Cobalt	26.4	5.2	
Copper	75.4	3.9	
Iron	36100	12.9	
Magnesium	10200	129	
Manganese	948	1.9	
Nickel	30.4	5.2	
Potassium	567	258	
Sodium	211	129	
Vanadium	121	5.2	
Zinc	85.2	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0309 continued on next page)

(results for BAFB-0309 continued)

Field No. : BAFB-0309
Laboratory No. : 21991-8
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026	0.006	
Acetone	0.009 J	0.013	
Toluene	0.021	0.006	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.75 B	0.43	
bis(2-Ethylhexyl)Phthalate	0.12 BJ	0.43	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0309)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0310
Laboratory No. : 21991-9
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Tests performed on sample: BAFB-0310

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/17/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/08/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19300	25.2	
Barium	107	12.6	
Calcium	5130	126	
Chromium	35.1	3.8	
Cobalt	16.4	5.0	
Copper	47.4	3.8	
Iron	31500	12.6	
Magnesium	6000	126	
Manganese	620	1.9	
Nickel	21.4	5.0	
Potassium	454	252	
Sodium	198	126	
Thallium	69.1	63.1	
Vanadium	76.0	5.0	
Zinc	62.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0310 continued on next page)

(results for BAFB-0310 continued)

Field No. : BAFB-0310
Laboratory No. : 21991-9
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-4SB
Sampling Date : 01/04/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026	0.006	
Acetone	0.006 J	0.013	
Toluene	0.003 J	0.006	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.58 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.11 BJ	0.42	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0310)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0259
Laboratory No. : 21879-5
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0259

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.5	N/A	%
MERCURY (SW7471)	(Analysis not performed for this sample)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<22	22	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5850	22.3	
Barium	72.4	11.2	
Calcium	1830	112	
Chromium	22.3	3.4	
Cobalt	14.5	4.5	
Copper	24.5	3.4	
Iron	15200	11.2	
Magnesium	2670	112	
Manganese	532	1.7	
Nickel	12.3	4.5	
Sodium	191	112	
Vanadium	56.8	4.5	
Zinc	23.9	2.2	
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.009 J	0.011	
Toluene	0.007	0.006	
1,2-Dichloroethane-d4 (SS)	102	N/A	
Toluene-d8 (SS)	109	N/A	
1,4-Bromofluorobenzene (SS)	105	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0259 continued on next page)

(results for BAFB-0259 continued)

Field No. : BAFB-0259
Laboratory No. : 21879-5
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.13 J	0.37	
bis(2-Ethylhexyl)Phthalate	0.099 BJ	0.37	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	94	N/A	
Phenol-d5 (SS)	90	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0259)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0287
Laboratory No. : 21879-8
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0287

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21	N/A	%
MERCURY (SW7471)	(Analysis not performed for this sample)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7060	25.3	
Barium	45.3	12.7	
Calcium	3380	127	
Chromium	20.3	3.8	
Cobalt	7.1	5.1	
Copper	29.6	3.8	
Iron	18100	12.7	
Magnesium	3490	127	
Manganese	213	1.9	
Nickel	12.0	5.1	
Potassium	291	253	
Sodium	211	127	
Vanadium	65.8	5.1	
Zinc	42.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0287 continued on next page)

(results for BAFB-0287 continued)

Field No. : BAFB-0287
Laboratory No. : 21879-8
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.006	
Acetone	0.014 B	0.013	
Toluene	0.034	0.006	
1,2-Dichloroethane-d4 (SS)	88	N/A	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.43	0.42	
bis(2-Ethylhexyl)Phthalate	0.15 BJ	0.42	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorophenol (SS)	89	N/A	
p-Terphenyl-d14 (SS)	84	N/A	
Phenol-d5 (SS)	88	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0287)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0288
Laboratory No. : 21879-4
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0288

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.7	N/A	%
MERCURY (SW7471)	(Analysis not performed for this sample)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	30	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14400	24.6	
Barium	161	12.3	
Calcium	4020	123	
Chromium	35.9	3.7	
Cobalt	17.2	4.9	
Copper	36.4	3.7	
Iron	27300	12.3	
Magnesium	5830	123	
Manganese	881	1.8	
Nickel	29.8	4.9	
Potassium	910	246	
Sodium	264	123	
Vanadium	60.5	4.9	
Zinc	72.8	2.5	
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.014	0.012	
Toluene	0.062	0.006	
1,2-Dichloroethane-d4 (SS)	85	N/A	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0288 continued on next page)

(results for BAFB-0288 continued)

Field No. : BAFB-0288
Laboratory No. : 21879-4
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	83	N/A	
Phenol-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0288)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0289
Laboratory No. : 21879-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Tests performed on sample: BAFB-0289

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/03/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/28/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/23/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.3	N/A	%
MERCURY (SW7471)	(Analysis not performed for this sample)		
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11600	26.1	
Barium	108	13.0	
Calcium	2950	130	
Chromium	14.3	3.9	
Cobalt	9.6	5.2	
Copper	22.2	3.9	
Iron	16900	13.0	
Magnesium	3340	130	
Manganese	481	2.0	
Nickel	20.9	5.2	
Potassium	1280	261	
Sodium	322	130	
Vanadium	43.5	5.2	
Zinc	49.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0289 continued on next page)

(results for BAFB-0289 continued)

Field No. : BAFB-0289
Laboratory No. : 21879-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Acetone	0.014	0.013	
2-Butanone	0.008 J	0.013	
Toluene	0.053	0.007	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.23 J	0.43	
bis(2-Ethylhexyl)Phthalate	0.18 BJ	0.43	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorophenol (SS)	96	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	94	N/A	
2-Fluorobiphenyl (SS)	96	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0289)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0290
Laboratory No. : 21899-8
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0290

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/14/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	Resampled	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.081	0.081	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<27	27	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17800	27.0	
Barium	117	13.5	
Calcium	4270	135	
Chromium	25.6	4.0	
Cobalt	17.5	5.4	
Copper	40.3	4.0	
Iron	25300	13.5	
Magnesium	6190	135	
Manganese	613	2.0	
Nickel	30.6	5.4	
Potassium	633	270	
Sodium	288	135	
Vanadium	49.2	5.4	
Zinc	57.8	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0290 continued on next page)

(results for BAFB-0290 continued)

Field No. : BAFB-0290
Laboratory No. : 21899-8
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/19/88
Matrix : Soil

Description	Value	Limit	Units
VOLATILE ORGANICS (SW8240)	(Analysis not performed for this sample)		
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0534)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0290)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0534
Laboratory No. : 23100-1
Sample Depth : 47.00 - 48.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-5SB
Sampling Date : 05/02/89
Matrix : Soil

Tests performed on sample: BAFB-0289

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8270	Semi-Volatile Organics	05/18/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.085 J	0.45	
2-Fluorophenol (SS)	53	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	59	N/A	
2-Fluorobiphenyl (SS)	59	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	
p-Terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0534)

BEALE AFB SITE 13: Soil Data 1988/1989

Field No. : BAFB-0291
Laboratory No. : 21899-9
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 13-C-5SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0291

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
SW7471	Mercury	01/14/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12600	24.4	
Barium	436	12.2	
Beryllium	0.73	0.61	
Calcium	4520	122	
Chromium	44.2	3.7	
Cobalt	51.8	4.9	
Copper	54.0	3.7	
Iron	32500	12.2	
Magnesium	7520	122	
Manganese	2030	1.8	
Nickel	36.8	4.9	
Potassium	525	244	
Sodium	192	122	
Vanadium	139	4.9	
Zinc	69.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0291 continued on next page)

(results for BAFB-0291 continued)

Field No. : BAFB-0291 Field Log No. : 13-C-5SB
Laboratory No. : 21899-9 Sampling Date : 12/19/88
Sample Depth : 57.50 - 59.00 ft. BGS Matrix : Soil
Normal Environmental Sample

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006	0.006	
Trichloroethene	0.006	0.006	
Toluene	0.034	0.006	
1,2-Dichloroethane-d4 (SS)	109	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	116	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	5.4	0.40	
Butylbenzylphthalate	0.54	0.40	
bis(2-Ethylhexyl)Phthalate	0.57 B	0.40	
2-Fluorophenol (SS)	100	N/A	
Phenol-d5 (SS)	99	N/A	
Nitrobenzene-d5 (SS)	93	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0291)

SITE 13

Water Data 1st Round Sampling

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0467
Laboratory No. : 22505-1
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 02/28/89
Matrix : Water

Tests performed on sample: BAFB-0467 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/28/89	wet	1.0	umhos/cm
E170.1	Temperature	02/28/89	wet	1.0	degrees c
E150.1	pH	02/28/89	wet	1.0	pH
SM403	Alkalinity - Total	02/28/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/28/89	wet	1.0	mg/l
SM403	Bicarbonate	02/28/89	wet	1.0	mg/l
SM403	Carbonate	02/28/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/18/89	wet	1.0	mg/l
7471	Mercury	03/16/89	wet	1.0	mg/l
7740/7741	Selenium	03/24/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/03/89	wet	1.0	mg/l
E325.3	Chloride	03/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	03/14/89	wet	1.0	mg/l
SW6010	ICP Metals	03/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	413	N/A	umhos/cm
TEMPERATURE (E170.1)	16.5	N/A	degrees c
pH (E150.1)	6.78	N/A	pH
ALKALINITY-TOTAL (SM403)	106.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	130.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0467 continued on next page)

(results for BAFB-0467 continued)

Field No. : BAFB-0467
Laboratory No. : 22505-1
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 02/28/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0100		0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	353		3.0	mg/l
CHLORIDE (E325.3)	49.0		1.0	mg/l
FLUORIDE (E340.2)	0.15		0.050	mg/l
NITRATE + NITRITE (E353.3)	25.5		0.050	mg/l
SULFATE (E375.4)	20.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	36.3		1.00	
Magnesium	24.7		1.00	
Sodium	14.9		1.00	
Zinc	0.036		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2-Dichloroethene	160	(21)	1	
1,1,2-Trichloroethane	20	(13)	1	
Tetrachloroethene	28	(12)	1	
Trichloroethene	1500	(1200)	1	
Chloroform	2	(2)	1	
bromochloromethane (SS)	94		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	103		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0467 continued on next page)

(results for BAFB-0467 continued)

Field No. : BAFB-0467
Laboratory No. : 22505-1
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 02/28/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	56	N/A	
2-fluorophenol (SS)	30	N/A	
2-fluorobiphenyl (SS)	64	N/A	
nitrobenzene-d5 (SS)	68	N/A	
phenol-d5 (SS)	40	N/A	
p-terphenyl-d14 (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0467)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0501
Laboratory No. : 22792-3
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 03/22/89
Matrix : Water

Tests performed on sample: BAFB-0501 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/22/89	wet	1.0	umhos/cm
E170.1	Temperature	03/22/89	wet	1.0	degrees c
E150.1	pH	03/22/89	wet	1.0	pH
SM403	Alkalinity - Total	03/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/22/89	wet	1.0	mg/l
SM403	Bicarbonate	03/22/89	wet	1.0	mg/l
SM403	Carbonate	03/22/89	wet	1.0	mg/l
7060/7061	Arsenic	04/03/89	wet	1.0	mg/l
7420/7421	Lead	04/03/89	wet	1.0	mg/l
7471	Mercury	04/06/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/24/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
SW6010	ICP Metals	04/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	438	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	7.15	N/A	pH
ALKALINITY-TOTAL (SM403)	97.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	119.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0501 continued on next page)

(results for BAFB-0501 continued)

Field No. : BAFB-0501
Laboratory No. : 22792-3
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 03/22/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	265		3.0	mg/l
CHLORIDE (E325.3)	31.5		1.0	mg/l
FLUORIDE (E340.2)	0.26		0.050	mg/l
NITRATE + NITRITE (E353.3)	22.9		0.050	mg/l
SULFATE (E375.4)	13.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	26.9		1.00	
Magnesium	18.4		1.00	
Sodium	12.9		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	7	(8)	1	
bromochloromethane (SS)	92		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	100		N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0529)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0501)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0529
Laboratory No. : 23039-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-C-2GW
Sampling Date : 04/18/89
Matrix : Water

Tests performed on sample: BAFB-0529		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	04/25/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	3 BJ	10	
N-Nitrosodiphenylamine (1)	3 BJ	10	
2,4,6-tribromophenol (SS)	78	N/A	
2-fluorophenol (SS)	55	N/A	
2-fluorobiphenyl (SS)	64	N/A	
nitrobenzene-d5 (SS)	54	N/A	
phenol-d5 (SS)	63	N/A	
p-terphenyl-d14 (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0529)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0500
Laboratory No. : 22761-1
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 03/20/89
Matrix : Water

Tests performed on sample: BAFB-0500 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/20/89	wet	1.0	umhos/cm
E170.1	Temperature	03/20/89	wet	1.0	degrees c
E150.1	pH	03/20/89	wet	1.0	pH
SM403	Alkalinity - Total	03/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/20/89	wet	1.0	mg/l
SM403	Bicarbonate	03/20/89	wet	1.0	mg/l
SM403	Carbonate	03/20/89	wet	1.0	mg/l
7060/7061	Arsenic	04/10/89	wet	1.0	mg/l
7420/7421	Lead	04/10/89	wet	1.0	mg/l
7471	Mercury	04/03/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/24/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
SW6010	ICP Metals	04/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/03/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/03/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	540	N/A	umhos/cm
TEMPERATURE (E170.1)	18.9	N/A	degrees c
pH (E150.1)	6.97	N/A	pH
ALKALINITY-TOTAL (SM403)	141.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	172.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0500 continued on next page)

(results for BAFB-0500 continued)

Field No. : BAFB-0500
Laboratory No. : 22761-1
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 03/20/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	318		3.0	mg/l
CHLORIDE (E325.3)	50.5		1.0	mg/l
FLUORIDE (E340.2)	0.22		0.050	mg/l
NITRATE + NITRITE (E353.3)	6.8		0.050	mg/l
SULFATE (E375.4)	15.6		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	34.6		1.00	
Magnesium	24.2		1.00	
Sodium	15.9		1.00	
Zinc	0.036		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	30	(28)	1	
bromochloromethane (SS)	97		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	87		N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Analysis not performed for this sample)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0500)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0459
Laboratory No. : 22383-1
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 02/13/89
Matrix : Water

Tests performed on sample: BAFB-0459 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/13/89	wet	1.0	umhos/cm
E170.1	Temperature	02/13/89	wet	1.0	degrees c
E150.1	pH	02/13/89	wet	1.0	pH
SM403	Alkalinity - Total	02/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/13/89	wet	1.0	mg/l
SM403	Bicarbonate	02/13/89	wet	1.0	mg/l
SM403	Carbonate	02/13/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/09/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/20/89	wet	1.0	mg/l
E325.3	Chloride	02/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/02/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	370	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	6.72	N/A	pH
ALKALINITY-TOTAL (SM403)	137.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	167.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0459 continued on next page)

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(results for BAFB-0459 continued)

Field No. : BAFB-0459
Laboratory No. : 22383-1
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 02/13/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	313		3.0	mg/l
CHLORIDE (E325.3)	34.6		1.0	mg/l
FLUORIDE (E340.2)	0.14		0.050	mg/l
NITRATE + NITRITE (E353.3)	12.9		0.050	mg/l
SULFATE (E375.4)	11.6		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	29.9		1.00	
Potassium	1.00		1.00	
Magnesium	21.2		1.00	
Sodium	15.4		1.00	
Zinc	0.138		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	30	(26)	1.0	
bromochloromethane (SS)	128		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	11	(15)	1.0	
trifluorotoluene (SS)	97		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0459 continued on next page)

(results for BAFB-0459 continued)

Field No. : BAFB-0459 | Field Log No. : 13-C-4GW
Laboratory No. : 22383-1 | Sampling Date : 02/13/89
Normal Environmental Sample | Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	8 BJ	10	
2,4,6-tribromophenol (SS)	70	N/A	
2-fluorophenol (SS)	31	N/A	
2-fluorobiphenyl (SS)	76	N/A	
nitrobenzene-d5 (SS)	72	N/A	
phenol-d5 (SS)	37	N/A	
p-terphenyl-d14 (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0459)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0470
Laboratory No. : 22512-1
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 03/01/89
Matrix : Water

Tests performed on sample: BAFB-0470

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/01/89	wet	1.0	umhos/cm
E170.1	Temperature	03/01/89	wet	1.0	degrees c
E150.1	pH	03/01/89	wet	1.0	pH
SM403	Alkalinity - Total	03/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/01/89	wet	1.0	mg/l
SM403	Bicarbonate	03/01/89	wet	1.0	mg/l
SM403	Carbonate	03/01/89	wet	1.0	mg/l
7060/7061	Arsenic	03/23/89	wet	1.0	mg/l
7420/7421	Lead	03/18/89	wet	1.0	mg/l
7471	Mercury	03/16/89	wet	1.0	mg/l
7740/7741	Selenium	03/24/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/07/89	wet	1.0	mg/l
E325.3	Chloride	03/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	03/14/89	wet	1.0	mg/l
SW6010	ICP Metals	03/16/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	420	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	6.88	N/A	pH
ALKALINITY-TOTAL (SM403)	128.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	156.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0470 continued on next page)

(results for BAFB-0470 continued)

Field No. : BAFB-0470
Laboratory No. : 22512-1
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 03/01/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471)	0.0008		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0100		0.0100	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	365		3.0	mg/l
CHLORIDE (E325.3)	46.0		1.0	mg/l
FLUORIDE (E340.2)	0.14		0.050	mg/l
NITRATE + NITRITE (E353.3)	25.2		0.050	mg/l
SULFATE (E375.4)	27.3		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	39.9		1.00	
Potassium	1.20		1.00	
Magnesium	27.1		1.00	
Manganese	0.022		0.015	
Sodium	15.8		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	18	(20)	1	
bromochloromethane (SS)	92		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	92		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0470 continued on next page)

(results for BAFB-0470 continued)

Field No. : BAFB-0470
Laboratory No. : 22512-1
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 03/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	68	N/A	
2-fluorophenol (SS)	55	N/A	
2-fluorobiphenyl (SS)	81	N/A	
nitrobenzene-d5 (SS)	81	N/A	
phenol-d5 (SS)	75	N/A	
p-terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0470)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0503
Laboratory No. : 22792-2
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 03/22/89
Matrix : Water

Tests performed on sample: BAFB-0503 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/22/89	wet	1.0	umhos/cm
E170.1	Temperature	03/22/89	wet	1.0	degrees c
E150.1	pH	03/22/89	wet	1.0	pH
SM403	Alkalinity - Total	03/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/22/89	wet	1.0	mg/l
SM403	Bicarbonate	03/22/89	wet	1.0	mg/l
SM403	Carbonate	03/22/89	wet	1.0	mg/l
7060/7061	Arsenic	04/03/89	wet	1.0	mg/l
7420/7421	Lead	04/03/89	wet	1.0	mg/l
7471	Mercury	04/06/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/24/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
SW6010	ICP Metals	04/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	600	N/A	umhos/cm
TEMPERATURE (E170.1)	19.1	N/A	degrees c
pH (E150.1)	7.00	N/A	pH
ALKALINITY-TOTAL (SM403)	143.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	174.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0503 continued on next page)

(results for BAFB-0503 continued)

Field No. : BAFB-0503
Laboratory No. : 22792-2
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 03/22/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	349	3.0	mg/l
CHLORIDE (E325.3)	63.5	1.0	mg/l
FLUORIDE (E340.2)	0.20	0.050	mg/l
NITRATE + NITRITE (E353.3)	8.8	0.050	mg/l
SULFATE (E375.4)	11.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	42.3	1.00	
Potassium	1.20	1.00	
Magnesium	28.3	1.00	
Sodium	16.7	1.00	
Zinc	0.029	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	85	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0531)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0503)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0531
Laboratory No. : 23056-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-A-1GW
Sampling Date : 04/20/89
Matrix : Water

Tests performed on sample: BAFB-0531		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8270	Semi-Volatile Organics	04/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	1 J	10	
N-Nitrosodiphenylamine (1)	1 BJ	10	
2,4,6-tribromophenol (SS)	65	N/A	
2-fluorophenol (SS)	41	N/A	
2-fluorobiphenyl (SS)	66	N/A	
nitrobenzene-d5 (SS)	60	N/A	
phenol-d5 (SS)	50	N/A	
p-terphenyl-d14 (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0531)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0502
Laboratory No. : 22792-1
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 03/22/89
Matrix : Water

Tests performed on sample: BAFB-0502

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/22/89	wet	1.0	umhos/cm
E170.1	Temperature	03/22/89	wet	1.0	degrees c
E150.1	pH	03/22/89	wet	1.0	pH
SM403	Alkalinity - Total	03/22/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/22/89	wet	1.0	mg/l
SM403	Bicarbonate	03/22/89	wet	1.0	mg/l
SM403	Carbonate	03/22/89	wet	1.0	mg/l
7060/7061	Arsenic	04/03/89	wet	1.0	mg/l
7420/7421	Lead	04/03/89	wet	1.0	mg/l
7471	Mercury	04/06/89	wet	1.0	mg/l
7740/7741	Selenium	04/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/24/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/05/89	wet	1.0	mg/l
E375.4	Sulfate	04/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
SW6010	ICP Metals	04/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	Resampled	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	470	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.17	N/A	pH
ALKALINITY-TOTAL (SM403)	104.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	127.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0502 continued on next page)

(results for BAFB-0502 continued)

Field No. : BAFB-0502
Laboratory No. : 22792-1
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 03/22/89
Matrix : Water

Description	Value		Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050		0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	288		3.0	mg/l
CHLORIDE (E325.3)	48.5		1.0	mg/l
FLUORIDE (E340.2)	0.23		0.050	mg/l
NITRATE + NITRITE (E353.3)	5.0		0.050	mg/l
SULFATE (E375.4)	14.2		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ICP METALS (SW6010)				mg/l
Calcium	31.7		1.00	
Magnesium	21.9		1.00	
Sodium	14.7		1.00	
Zinc	0.023		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	4	(5)	1	
bromochloromethane (SS)	96		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
trifluorotoluene (SS)	107		N/A	
SEMI-VOLATILE ORGANICS (SW8270)	(Resampled for this analysis. See BAFB-0530)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0502)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0530
Laboratory No. : 23039-2
Normal Environmental Sample--RESAMPLE

Field Log No. : 13-A-2GW
Sampling Date : 04/18/89
Matrix : Water

Tests performed on sample: BAFB-0530			Analysis Date	Report Basis	Dilution	Units
Test ID		Description				
SW8270	LR1	Semi-Volatile Organics	04/25/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS LR1(SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	4 J	10	
Di-n-butyl phthalate	4 BJ	10	
N-Nitrosodiphenylamine (1)	3 BJ	10	
2,4,6-tribromophenol (SS)	80	N/A	
2-fluorophenol (SS)	50	N/A	
2-fluorobiphenyl (SS)	79	N/A	
nitrobenzene-d5 (SS)	69	N/A	
phenol-d5 (SS)	57	N/A	
p-terphenyl-d14 (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0530)

BEALE AFB SITE 13: Water Data 1st Round Sampling 1989

Field No. : BAFB-0461
Laboratory No. : 22383-2
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 02/13/89
Matrix : Water

Tests performed on sample: BAFB-0461 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/13/89	wet	1.0	umhos/cm
E170.1	Temperature	02/13/89	wet	1.0	degrees c
E150.1	pH	02/13/89	wet	1.0	pH
SM403	Alkalinity - Total	02/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/13/89	wet	1.0	mg/l
SM403	Bicarbonate	02/13/89	wet	1.0	mg/l
SM403	Carbonate	02/13/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/09/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/20/89	wet	1.0	mg/l
E325.3	Chloride	02/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/08/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	02/23/89	wet	1.0	mg/l
SW6010	ICP Metals	03/02/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	170	N/A	umhos/cm
TEMPERATURE (E170.1)	17.0	N/A	degrees c
pH (E150.1)	7.85	N/A	pH
ALKALINITY-TOTAL (SM403)	54.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	65.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0461 continued on next page)

(results for BAFB-0461 continued)

Field No. : BAFB-0461
Laboratory No. : 22383-2
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 02/13/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421)	0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	169	3.0	mg/l
CHLORIDE (E325.3)	21.4	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.050	mg/l
NITRATE + NITRITE (E353.3)	12.6	0.050	mg/l
SULFATE (E375.4)	15.4	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	19.7	7.0	mg/l
ICP METALS (SW6010)			mg/l
Calcium	12.3	1.00	
Iron	0.161	0.100	
Potassium	3.20	1.00	
Magnesium	8.04	1.00	
Sodium	21.1	1.00	
Zinc	0.029	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	98	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	98	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0461 continued on next page)

(results for BAFB-0461 continued)

Field No. : BAFB-0461
Laboratory No. : 22383-2
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 02/13/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	6 BJ	10	
2,4,6-tribromophenol (SS)	83	N/A	
2-fluorophenol (SS)	48	N/A	
2-fluorobiphenyl (SS)	74	N/A	
nitrobenzene-d5 (SS)	68	N/A	
phenol-d5 (SS)	54	N/A	
p-terphenyl-d14 (SS)	51	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0461)

SITE 13

Water Data 2nd Round Sampling

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0568
Laboratory No. : 23397-1
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Tests performed on sample: BAFB-0568

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/02/89	wet	1.0	umhos/cm
E170.1	Temperature	06/02/89	wet	1.0	degrees c
E150.1	pH	06/02/89	wet	1.0	pH
SM403	Alkalinity - Total	06/02/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/02/89	wet	1.0	mg/l
SM403	Bicarbonate	06/02/89	wet	1.0	mg/l
SM403	Carbonate	06/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	390	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.04	N/A	pH
ALKALINITY-TOTAL (SM403)	115.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	140.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	408	3.0	mg/l
CHLORIDE (E325.3)	61.2	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0568 continued on next page)

(results for BAFB-0568 continued)

Field No. : BAFB-0568
Laboratory No. : 23397-1
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.13		0.050	mg/l
NITRATE + NITRITE (E353.3)	31.5		0.13	mg/l
SULFATE (E375.4)	40.5		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	38.2		1.00	
Magnesium	26.6		1.00	
Potassium	1.10		1.00	
Sodium	15.9		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	80	(20)	1	
Chloroform	1	(1)	1	
Trichloroethene	880	(800)	1	
1,1,2-Trichloroethane	21	(5)	1	
Tetrachloroethene	16	(2)	1	
Bromochloromethane (SS)	101		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	20		1	
Trifluorotoluene (SS)	99		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0568 continued on next page)

(results for BAFB-0568 continued)

Field No. : BAFB-0568
Laboratory No. : 23397-1
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	73	N/A	
Phenol-d5 (SS)	63	N/A	
2-Fluorophenol (SS)	51	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0568)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0570
Laboratory No. : 23397-2
Field Replicate for BAFB-0568

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Tests performed on sample: BAFB-0570 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/02/89	wet	1.0	umhos/cm
E170.1	Temperature	06/02/89	wet	1.0	degrees c
E150.1	pH	06/02/89	wet	1.0	pH
SM403	Alkalinity - Total	06/02/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/02/89	wet	1.0	mg/l
SM403	Bicarbonate	06/02/89	wet	1.0	mg/l
SM403	Carbonate	06/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	390	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.04	N/A	pH
ALKALINITY-TOTAL (SM403)	115.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	140.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	458	3.0	mg/l
CHLORIDE (E325.3)	61.7	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0570 continued on next page)

(results for BAFB-0570 continued)

Field No. : BAFB-0570
Laboratory No. : 23397-2
Field Replicate for BAFB-0568

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.13		0.050	mg/l
NITRATE + NITRITE (E353.3)	33.2		0.13	mg/l
SULFATE (E375.4)	38.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	36.6		1.00	
Magnesium	25.5		1.00	
Potassium	1.10		1.00	
Sodium	15.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	94	(13)	1	
Chloroform	1	(1)	1	
Trichloroethene	1000	(830)	1	
1,1,2-Trichloroethane	21	(17)	1	
Tetrachloroethene	16	(15)	1	
Bromochloromethane (SS)	102			
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	4		1	
Trifluorotoluene (SS)	101		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0570 continued on next page)

(results for BAFB-0570 continued)

Field No. : BAFB-0570
Laboratory No. : 23397-2
Field Replicate for BAFB-0568

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
p-Terphenyl-d14 (SS)	79	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorophenol (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	100	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated, value below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0570)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0567
Laboratory No. : 23397-3
Equipment Wash Blank

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Tests performed on sample: BAFB-0567 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	10.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.37	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0567 continued on next page)

(results for BAFB-0567 continued)

Field No. : BAFB-0567
Laboratory No. : 23397-3
Equipment Wash Blank

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value		Detection Limit	Units
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Chloroform	3	(2)	1	
Bromochloromethane (SS)	100			
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(1)	1	
Trifluorotoluene (SS)	103		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	7	BJ	10	
bis(2-Ethylhexyl)Phthalate	12		10	
Nitrobenzene-d5 (SS)	67		N/A	
2-Fluorobiphenyl (SS)	70		N/A	
p-Terphenyl-d14 (SS)	100		N/A	
Phenol-d5 (SS)	83		N/A	
2-Fluorophenol (SS)	67		N/A	
2,4,6-Tribromophenol (SS)	120		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0567)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0569
Laboratory No. : 23397-4
Field Blank

Field Log No. : 13-C-1GW
Sampling Date : 06/02/89
Matrix : Water

Tests performed on sample: BAFB-0569 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	06/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/15/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Chloroform	3	(4)	1	
Bromochloromethane (SS)	108			
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(3)	1	
Trifluorotoluene (SS)	102		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, *below quantification limit*
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0569)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0562
Laboratory No. : 23375-2
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 06/01/89
Matrix : Water

Tests performed on sample: BAFB-0562

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/01/89	wet	1.0	umhos/cm
E170.1	Temperature	06/01/89	wet	1.0	degrees c
E150.1	pH	06/01/89	wet	1.0	pH
SM403	Alkalinity - Total	06/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/01/89	wet	1.0	mg/l
SM403	Bicarbonate	06/01/89	wet	1.0	mg/l
SM403	Carbonate	06/01/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/08/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/08/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	313	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.08	N/A	pH
ALKALINITY-TOTAL (SM403)	330.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	403.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	320	3.0	mg/l
CHLORIDE (E325.3)	31.3	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0562 continued on next page)

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(results for BAFB-0562 continued)

Field No. : BAFB-0562
Laboratory No. : 23375-2
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.19		0.050	mg/l
NITRATE + NITRITE (E353.3)	24.5		0.13	mg/l
SULFATE (E375.4)	14.4		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	25.7		1.00	
Magnesium	17.5		1.00	
Sodium	13.2		1.00	
Zinc	0.031		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	8	(10)	1	
Bromochloromethane (SS)	97		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	100		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0562 continued on next page)

(results for BAFB-0562 continued)

Field No. : BAFB-0562
Laboratory No. : 23375-2
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	7 J	10	
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0562)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0564
Laboratory No. : 23375-4
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 06/01/89
Matrix : Water

Tests performed on sample: BAFB-0564

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/01/89	wet	1.0	umhos/cm
E170.1	Temperature	06/01/89	wet	1.0	degrees c
E150.1	pH	06/01/89	wet	1.0	pH
SM403	Alkalinity - Total	06/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/01/89	wet	1.0	mg/l
SM403	Bicarbonate	06/01/89	wet	1.0	mg/l
SM403	Carbonate	06/01/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/08/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/08/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	409	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	6.78	N/A	pH
ALKALINITY-TOTAL (SM403)	139.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	170.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	393	3.0	mg/l
CHLORIDE (E325.3)	51.7	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0564 continued on next page)

(results for BAFB-0564 continued)

Field No. : BAFB-0564
Laboratory No. : 23375-4
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.13	0.050	mg/l
NITRATE + NITRITE (E353.3)	7.5	0.13	mg/l
SULFATE (E375.4)	18.1	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010)			mg/l
Calcium	34.7	1.00	
Magnesium	23.7	1.00	
Potassium	1.40	1.00	
Sodium	16.5	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
trans-1,2,-Dichloroethene	4	1	
Trichloroethene	69 (62)	1	
Tetrachloroethene	2 (2)	1	
Bromochloromethane (SS)	(Results not reported for this sample)		
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	98	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0564 continued on next page)

(results for BAFB-0564 continued)

Field No. : BAFB-0564
Laboratory No. : 23375-4
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosidiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	4 J	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
Terphenyl-d14 (SS)	80	N/A	
Phenol-d5 (SS)	73	N/A	
2-Fluorophenol (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0564)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0561
Laboratory No. : 23375-1
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 06/01/89
Matrix : Water

Tests performed on sample: BAFB-0561

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/01/89	wet	1.0	umhos/cm
E170.1	Temperature	06/01/89	wet	1.0	degrees c
E150.1	pH	06/01/89	wet	1.0	pH
SM403	Alkalinity - Total	06/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/01/89	wet	1.0	mg/l
SM403	Bicarbonate	06/01/89	wet	1.0	mg/l
SM403	Carbonate	06/01/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/08/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/08/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	357	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	6.97	N/A	pH
ALKALINITY-TOTAL (SM403)	148.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	180.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	344	3.0	mg/l
CHLORIDE (E325.3)	34.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0561 continued on next page)

(results for BAFB-0561 continued)

Field No. : BAFB-0561
Laboratory No. : 23375-1
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.12		0.050	mg/l
NITRATE + NITRITE (E353.3)	10.9		0.13	mg/l
SULFATE (E375.4)	12.6		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	29.9		1.00	
Magnesium	20.5		1.00	
Potassium	1.10		1.00	
Sodium	14.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	37	(28)	1	
Tetrachloroethene	1		1	
Bromochloromethane (SS)	92		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	100		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0561 continued on next page)

(results for BAFB-0561 continued)

Field No. : BAFB-0561
Laboratory No. : 23375-1
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
Terphenyl-d14 (SS)	76	N/A	
Phenol-d5 (SS)	53	N/A	
2-Fluorophenol (SS)	39	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0561)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0566
Laboratory No. : 23397-5
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 06/02/89
Matrix : Water

Tests performed on sample: BAFB-0566

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/02/89	wet	1.0	umhos/cm
E170.1	Temperature	06/02/89	wet	1.0	degrees c
E150.1	pH	06/02/89	wet	1.0	pH
SM403	Alkalinity - Total	06/02/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/02/89	wet	1.0	mg/l
SM403	Bicarbonate	06/02/89	wet	1.0	mg/l
SM403	Carbonate	06/02/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/09/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/28/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/17/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/15/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	400	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	6.97	N/A	pH
ALKALINITY-TOTAL (SM403)	149.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	182.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	514	3.0	mg/l
CHLORIDE (E325.3)	48.5	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0566 continued on next page)

(results for BAFB-0566 continued)

Field No. : BAFB-0566
Laboratory No. : 23397-5
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.090		0.050	mg/l
NITRATE + NITRITE (E353.3)	26.7		0.13	mg/l
SULFATE (E375.4)	71.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	34.7		1.00	
Magnesium	21.7		1.00	
Manganese	0.456		0.015	
Potassium	1.30		1.00	
Sodium	47.9		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	12	(14)	1	
Bromochloromethane (SS)	111		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	106		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0566 continued on next page)

(results for BAFB-0566 continued)

Field No. : BAFB-0566
Laboratory No. : 23397-5
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 06/02/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
Nitrobenzene-d5 (SS)	47	N/A	
2-Fluorobiphenyl (SS)	55	N/A	
p-Terphenyl-d14 (SS)	37	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0566)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0563
Laboratory No. : 23375-3
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 06/01/89
Matrix : Water

Tests performed on sample: BAFB-0563 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/01/89	wet	1.0	umhos/cm
E170.1	Temperature	06/01/89	wet	1.0	degrees c
E150.1	pH	06/01/89	wet	1.0	pH
SM403	Alkalinity - Total	06/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/01/89	wet	1.0	mg/l
SM403	Bicarbonate	06/01/89	wet	1.0	mg/l
SM403	Carbonate	06/01/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/08/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/09/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	710	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.20	N/A	pH
ALKALINITY-TOTAL (SM403)	169.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	206.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	594	3.0	mg/l
CHLORIDE (E325.3)	129	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0563 continued on next page)

(results for BAFB-0563 continued)

Field No. : BAFB-0563
Laboratory No. : 23375-3
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.11		0.050	mg/l
NITRATE + NITRITE (E353.3)	7.2		0.13	mg/l
SULFATE (E375.4)	7.6		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	58.9		1.00	
Magnesium	38.9		1.00	
Potassium	1.50		1.00	
Sodium	21.1		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	11	(11)	1	
Bromochloromethane (SS)	109		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	108		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0563 continued on next page)

(results for BAFB-0563 continued)

Field No. : BAFB-0563
Laboratory No. : 23375-3
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine	5 J	10	
bis(2-Ethylhexyl)Phthalate	5 J	10	
Nitrobenzene-d5 (SS)	49	N/A	
2-Fluorobiphenyl (SS)	54	N/A	
Terphenyl-d14 (SS)	78	N/A	
Phenol-d5 (SS)	84	N/A	
2-Fluorophenol (SS)	72	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0563)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0565
Laboratory No. : 23375-5
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 06/01/89
Matrix : Water

Tests performed on sample: BAFB-0565

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/01/89	wet	1.0	umhos/cm
E170.1	Temperature	06/01/89	wet	1.0	degrees c
E150.1	pH	06/01/89	wet	1.0	pH
SM403	Alkalinity - Total	06/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/01/89	wet	1.0	mg/l
SM403	Bicarbonate	06/01/89	wet	1.0	mg/l
SM403	Carbonate	06/01/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/08/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/08/89	wet	1.0	mg/l
SW6010	ICP Metals	06/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	338	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.01	N/A	pH
ALKALINITY-TOTAL (SM403)	126.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	153.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	366	3.0	mg/l
CHLORIDE (E325.3)	41.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0565 continued on next page)

(results for BAFB-0565 continued)

Field No. : BAFB-0565
Laboratory No. : 23375-5
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.14		0.050	mg/l
NITRATE + NITRITE (E353.3)	6.1		0.13	mg/l
SULFATE (E375.4)	30.9		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	31.1		1.00	
Magnesium	20.9		1.00	
Potassium	1.70		1.00	
Sodium	16.8		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	33	(36)	1	
Bromochloromethane (SS)	103		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2		1	
Trifluorotoluene (CS)	103		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0565 continued on next page)

(results for BAFB-0565 continued)

Field No. : BAFB-0565
Laboratory No. : 23375-5
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 06/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	4 J	10	
bis(2-Ethylhexyl)Phthalate	9 J	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
Terphenyl-d14 (SS)	59	N/A	
Phenol-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0565)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0590
Laboratory No. : 23485-1
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Tests performed on sample: BAFB-0590 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/12/89	wet	1.0	umhos/cm
E170.1	Temperature	06/12/89	wet	1.0	degrees c
E150.1	pH	06/12/89	wet	1.0	pH
SM403	Alkalinity - Total	06/12/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/12/89	wet	1.0	mg/l
SM403	Bicarbonate	06/12/89	wet	1.0	mg/l
SM403	Carbonate	06/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	650	N/A	umhos/cm
TEMPERATURE (E170.1)	29.0	N/A	degrees c
pH (E150.1)	8.66	N/A	pH
ALKALINITY-TOTAL (SM403)	59.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	72.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	427	3.0	mg/l
CHLORIDE (E325.3)	71.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0590 continued on next page)

(results for BAFB-0590 continued)

Field No. : BAFB-0590
Laboratory No. : 23485-1
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.17	0.050	mg/l
NITRATE + NITRITE (E353.3)	74.0	0.13	mg/l
SULFATE (E375.4)	48.7	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	56.3	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.0	1.00	
Iron	0.113	0.100	
Magnesium	12.0	1.00	
Potassium	10.6	1.00	
Sodium	70.1	1.00	
Zinc	0.061	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	114	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1	1	
Trifluorotoluene (SS)	106	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0590 continued on next page)

(results for BAFB-0590 continued)

Field No. : BAFB-0590
Laboratory No. : 23485-1
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
1,2-Dichlorobenzene	3 J	10	
N-Nitrosodiphenylamine (1)	8 BJ	10	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
p-Terphenyl-d14 (SS)	17	N/A	
Phenol-d5 (SS)	42	N/A	
2-Fluorophenol (SS)	27	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0590)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0591
Laboratory No. : 23485-2
Field Replicate for BAFB-0590

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Tests performed on sample: BAFB-0591

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/12/89	wet	1.0	umhos/cm
E170.1	Temperature	06/12/89	wet	1.0	degrees c
E150.1	pH	06/12/89	wet	1.0	pH
SM403	Alkalinity - Total	06/12/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/12/89	wet	1.0	mg/l
SM403	Bicarbonate	06/12/89	wet	1.0	mg/l
SM403	Carbonate	06/12/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	650	N/A	umhos/cm
TEMPERATURE (E170.1)	29.0	N/A	degrees c
pH (E150.1)	8.66	N/A	pH
ALKALINITY-TOTAL (SM403)	66.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	80.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	418	3.0	mg/l
CHLORIDE (E325.3)	70.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0591 continued on next page)

(results for BAFB-0591 continued)

Field No. : BAFB-0591
Laboratory No. : 23485-2
Field Replicate for BAFB-0590

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.18	0.050	mg/l
NITRATE + NITRITE (E353.3)	66.0	0.13	mg/l
SULFATE (E375.4)	50.4	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	63.6	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.8	1.00	
Iron	0.147	0.100	
Magnesium	12.4	1.00	
Potassium	11.3	1.00	
Sodium	72.3	1.00	
Zinc	0.038	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	117	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	114	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0591 continued on next page)

(results for BAFB-0591 continued)

Field No. : BAFB-0591
Laboratory No. : 23485-2
Field Replicate for BAFB-0590

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
1,2-Dichlorobenzene	4 J	10	
N-Nitrosodiphenylamine (1)	7 BJ	10	
bis(2-Ethylhexyl)Phthalate	2 J	10	
Nitrobenzene-d5 (SS)	56	N/A	
2-Fluorobiphenyl (SS)	58	N/A	
p-Terphenyl-d14 (SS)	21	N/A	
Phenol-d5 (SS)	60	N/A	
2-Fluorophenol (SS)	46	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0591)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0592
Laboratory No. : 23485-3
Equipment Wash Blank

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Tests performed on sample: BAFB-0592 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	06/19/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1) (non-detect)	<3.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.51	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	9.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0592 continued on next page)

(results for BAFB-0592 continued)

Field No. : BAFB-0592
Laboratory No. : 23485-3
Equipment Wash Blank

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Description	Value		Detection Limit	Units
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	130	(110)	5	
Bromochloromethane (SS)	108		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	90		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	6	BJ	10	
Di-n-Butylphthalate	3	J	10	
Nitrobenzene-d5 (SS)	73		N/A	
2-Fluorobiphenyl (SS)	75		N/A	
p-Terphenyl-d14 (SS)	70		N/A	
Phenol-d5 (SS)	70		N/A	
2-Fluorophenol (SS)	55		N/A	
2,4,6-Tribromophenol (SS)	62		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0592)

BEALE AFB SITE 13: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0593
Laboratory No. : 23485-4
Field Blank

Field Log No. : 13-C-1SW
Sampling Date : 06/12/89
Matrix : Water

Tests performed on sample: BAFB-0593

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	06/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/24/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	170	(160)	5	
Bromochloromethane (SS)	103		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	122		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0593)

SITE 13

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0665
Laboratory No. : 24400-2
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 09/21/89
Matrix : Water

Tests performed on sample: BAFB-0665 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/21/89	wet	1.0	umhos/cm
E170.1	Temperature	09/21/89	wet	1.0	degrees c
E150.1	pH	09/21/89	wet	1.0	pH
SM403	Alkalinity - Total	09/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/21/89	wet	1.0	mg/l
SM403	Bicarbonate	09/21/89	wet	1.0	mg/l
SM403	Carbonate	09/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	440	N/A	umhos/cm
TEMPERATURE (E170.1)	19.8	N/A	degrees c
pH (E150.1)	7.02	N/A	pH
ALKALINITY-TOTAL (SM403)	114.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	140.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	545	3.0	mg/l
CHLORIDE (E325.3)	65.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0665 continued on next page)

(results for BAFB-0665 continued)

Field No. : BAFB-0665
Laboratory No. : 24400-2
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 09/21/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.13		0.10	mg/l
NITRATE + NITRITE (E353.3)	31.3		0.13	mg/l
SULFATE (E375.4)	26.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	39.0		1.00	
Magnesium	27.0		1.00	
Sodium	15.6		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2-Dichlorethene	<1	(22)	1	
Chloroform	<1	(1)	1	
Trichloroethene	<1	(620)	1	
1,1,2-Trichloroethane	<1	(12)	1	
Tetrachloroethene	<1	(9)	1	
Bromochloromethane (SS)	102		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	78		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0665 continued on next page)

(results for BAFB-0665 continued)

Field No. : BAFB-0665
Laboratory No. : 24400-2
Normal Environmental Sample

Field Log No. : 13-C-1GW
Sampling Date : 09/21/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	47	N/A	
2-Fluorophenol (SS)	44	N/A	
2,4,6-Tribromophenol (SS)	41	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0665)

M E M O R A N D U M

CH2M HILL
SACRAMENTO
NOV 22 1989
RECEIVED

TO: Rob Pexton/SAC

COPIES: Rick Schrynemeeckers/LRD
Jim Hawley/LRD

FROM: Greg Jordan

DATE: November 20, 1989

PROJECT: LRD156.20

SUBJECT: BAFB0665 - 8010/8020 Analysis

This sample was screened prior to analysis. The screening results showed a high concentration of trichloroethene. Due to results of the screening analysis, the sample was analyzed on the primary instrument at a 1:100 dilution; this analysis showed no reportable values for any target analyte. A second analysis was conducted at a 1:10 dilution; again, no reportable values were detected. A third analysis of the sample on an undiluted basis showed no target analytes detected above their reporting limits.

As the primary instrument was the instrument calibrated to perform the actual analyses and to maintain consistency with other Beale samples, the decision was made, with Jim Hawleys input, to report only the results from the primary analysis. The results from the screening analysis are shown on the attached report.

We feel the non reproducibility may have resulted from mislabeled bottles. It was not possible to determine if the labeling error originated in the field or the laboratory. We apologize for any inconvenience this may have caused. If you have any questions, please do not hesitate to call.

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0664
Laboratory No. : 24400-1
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 09/21/89
Matrix : Water

Tests performed on sample: BAFB-0664 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/21/89	wet	1.0	umhos/cm
E170.1	Temperature	09/21/89	wet	1.0	degrees c
E150.1	pH	09/21/89	wet	1.0	pH
SM403	Alkalinity - Total	09/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/21/89	wet	1.0	mg/l
SM403	Bicarbonate	09/21/89	wet	1.0	mg/l
SM403	Carbonate	09/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	310	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.10	N/A	pH
ALKALINITY-TOTAL (SM403)	102.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	124.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	387	3.0	mg/l
CHLORIDE (E325.3)	33.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0664 continued on next page)

(results for BAFB-0664 continued)

Field No. : BAFB-0664
Laboratory No. : 24400-1
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 09/21/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.19		0.10	mg/l
NITRATE + NITRITE (E353.3)	23.6		0.13	mg/l
SULFATE (E375.4)	14.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	25.3		1.00	
Magnesium	17.2		1.00	
Sodium	12.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	10	(7)	1	
Bromochloromethane (SS)	114		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(0)	1	
Trifluorotoluene (SS)	97		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0664 continued on next page)

Field No. : BAFB-0664
Laboratory No. : 24400-1
Normal Environmental Sample

Field Log No. : 13-C-2GW
Sampling Date : 09/21/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
p-Terphenyl-d14 (SS)	79	N/A	
Phenol-d5 (SS)	57	N/A	
2-Fluorophenol (SS)	55	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0664)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0663
Laboratory No. : 24387-4
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 09/20/89
Matrix : Water

Tests performed on sample: BAFB-0663		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
E120.1	Specific Conductivity	09/20/89	wet	1.0	umhos/cm
E170.1	Temperature	09/20/89	wet	1.0	degrees c
E150.1	pH	09/20/89	wet	1.0	pH
SM403	Alkalinity - Total	09/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/20/89	wet	1.0	mg/l
SM403	Bicarbonate	09/20/89	wet	1.0	mg/l
SM403	Carbonate	09/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	415	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.09	N/A	pH
ALKALINITY-TOTAL (SM403)	139.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	169.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	385	3.0	mg/l
CHLORIDE (E325.3)	60.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0663 continued on next page)

(results for BAFB-0663 continued)

Field No. : BAFB-0663
Laboratory No. : 24387-4
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.16		0.10	mg/l
NITRATE + NITRITE (E353.3)	8.6		0.13	mg/l
SULFATE (E375.4)	15.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	36.9		1.00	
Iron	0.159		0.100	
Magnesium	25.0		1.00	
Sodium	16.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	6	(4)	1	
Trichloroethene	99	(82)	1	
Tetrachloroethene	6	(3)	1	
Bromochloromethane (SS)	106		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(0)	1	
Trifluorotoluene (SS)	95		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0663 continued on next page)

(results for BAFB-0663 continued)

Field No. : BAFB-0663
Laboratory No. : 24387-4
Normal Environmental Sample

Field Log No. : 13-C-3GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
p-Terphenyl-d14 (SS)	79	N/A	
Phenol-d5 (SS)	44	N/A	
2-Fluorophenol (SS)	50	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0663)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0659
Laboratory No. : 24372-4
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 09/19/89
Matrix : Water

Tests performed on sample: BAFB-0659 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/19/89	wet	1.0	umhos/cm
E170.1	Temperature	09/19/89	wet	1.0	degrees c
E150.1	pH	09/19/89	wet	1.0	pH
SM403	Alkalinity - Total	09/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/19/89	wet	1.0	mg/l
SM403	Bicarbonate	09/19/89	wet	1.0	mg/l
SM403	Carbonate	09/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/03/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/03/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/11/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	350	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.05	N/A	pH
ALKALINITY-TOTAL (SM403)	138.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	168.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	354	3.0	mg/l
CHLORIDE (E325.3)	35.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0659 continued on next page)

(results for BAFB-0659 continued)

Field No. : BAFB-0659
Laboratory No. : 24372-4
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.13		0.10	mg/l
NITRATE + NITRITE (E353.3)	12.0		0.13	mg/l
SULFATE (E375.4)	13.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	31.2		1.00	
Magnesium	21.3		1.00	
Sodium	14.6		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	62	(50)	1	
Tetrachloroethene	4	(2)	1	
Bromochloromethane (SS)	126		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	114		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0659 continued on next page)

(results for BAFB-0659 continued)

Field No. : BAFB-0659
Laboratory No. : 24372-4
Normal Environmental Sample

Field Log No. : 13-C-4GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	11	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	83	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	51	N/A	
2-Fluorophenol (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0659)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0657
Laboratory No. : 24372-2
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 09/19/89
Matrix : Water

Tests performed on sample: BAFB-0657

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/19/89	wet	1.0	umhos/cm
E170.1	Temperature	09/19/89	wet	1.0	degrees c
E150.1	pH	09/19/89	wet	1.0	pH
SM403	Alkalinity - Total	09/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/19/89	wet	1.0	mg/l
SM403	Bicarbonate	09/19/89	wet	1.0	mg/l
SM403	Carbonate	09/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/03/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/03/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/11/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	446	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.17	N/A	pH
ALKALINITY-TOTAL (SM403)	141.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	172.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	417	3.0	mg/l
CHLORIDE (E325.3)	46.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0657 continued on next page)

(results for BAFB-0657 continued)

Field No. : BAFB-0657
Laboratory No. : 24372-2
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	83	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	28	N/A	
2-Fluorophenol (SS)	32	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0657)

(results for BAFB-0657 continued)

Field No. : BAFB-0657
Laboratory No. : 24372-2
Normal Environmental Sample

Field Log No. : 13-C-5GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.12		0.10	mg/l
NITRATE + NITRITE (E353.3)	26.2		0.13	mg/l
SULFATE (E375.4)	37.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	37.6		1.00	
Magnesium	23.5		1.00	
Manganese	0.436		0.015	
Sodium	26.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	14	(17)	1	
Bromochloromethane (SS)	126		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	96		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0657 continued on next page)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0662
Laboratory No. : 24387-3
Normal Environmental Sample

Field Log No. : 13-C-6GW
Sampling Date : 09/20/89
Matrix : Water

Tests performed on sample: BAFB-0662 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/20/89	wet	1.0	umhos/cm
E170.1	Temperature	09/20/89	wet	1.0	degrees c
E150.1	pH	09/20/89	wet	1.0	pH
SM403	Alkalinity - Total	09/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/20/89	wet	1.0	mg/l
SM403	Bicarbonate	09/20/89	wet	1.0	mg/l
SM403	Carbonate	09/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	140	N/A	umhos/cm
TEMPERATURE (E170.1)	19.9	N/A	degrees c
pH (E150.1)	7.33	N/A	pH
ALKALINITY-TOTAL (SM403)	73.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	10.0	10.0	mg/l
BICARBONATE (SM403)	89.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	146	3.0	mg/l
CHLORIDE (E325.3)	4.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0662 continued on next page)

(results for BAFB-0662 continued)

Field No. : BAFB-0662
Laboratory No. : 24387-3
Normal Environmental Sample

Field Log No. : 13-C-6GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.26		0.10	mg/l
NITRATE + NITRITE (E353.3)	5.3		0.13	mg/l
SULFATE (E375.4)	3.5		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	10.3		1.00	
Magnesium	7.03		1.00	
Manganese	0.015		0.015	
Potassium	1.00		1.00	
Sodium	10.7		1.00	
Zinc	0.021		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	6	(6)	1	
Bromochloromethane (SS)	129		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	103		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0662 continued on next page)

(results for BAFB-0662 continued)

Field No. : BAFB-0662
Laboratory No. : 24387-3
Normal Environmental Sample

Field Log No. : 13-C-6GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	9 BJ	10	
Nitrobenzene-d5 (SS)	90	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	56	N/A	
2-Fluorophenol (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0662)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0661
Laboratory No. : 24387-2
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 09/20/89
Matrix : Water

Tests performed on sample: BAFB-0661 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/20/89	wet	1.0	umhos/cm
E170.1	Temperature	09/20/89	wet	1.0	degrees c
E150.1	pH	09/20/89	wet	1.0	pH
SM403	Alkalinity - Total	09/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/20/89	wet	1.0	mg/l
SM403	Bicarbonate	09/20/89	wet	1.0	mg/l
SM403	Carbonate	09/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/04/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	510	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.08	N/A	pH
ALKALINITY-TOTAL (SM403)	173.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	211.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	485	3.0	mg/l
CHLORIDE (E325.3)	97.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0661 continued on next page)

(results for BAFB-0661 continued)

Field No. : BAFB-0661
Laboratory No. : 24387-2
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.11		0.10	mg/l
NITRATE + NITRITE (E353.3)	8.1		0.13	mg/l
SULFATE (E375.4)	8.9		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	49.7		1.00	
Magnesium	32.7		1.00	
Sodium	19.0		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	28	(30)	1	
Tetrachloroethene	3	(1)	1	
Bromochloromethane (SS)	117		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	105		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0661 continued on next page)

(results for BAFB-0661 continued)

Field No. : BAFB-0661
Laboratory No. : 24387-2
Normal Environmental Sample

Field Log No. : 13-A-1GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	44	N/A	
p-Terphenyl-d14 (SS)	63	N/A	
Phenol-d5 (SS)	48	N/A	
2-Fluorophenol (SS)	53	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0661)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0660
Laboratory No. : 24387-1
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 09/20/89
Matrix : Water

Tests performed on sample: BAFB-0660 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/20/89	wet	1.0	umhos/cm
E170.1	Temperature	09/20/89	wet	1.0	degrees c
E150.1	pH	09/20/89	wet	1.0	pH
SM403	Alkalinity - Total	09/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/20/89	wet	1.0	mg/l
SM403	Bicarbonate	09/20/89	wet	1.0	mg/l
SM403	Carbonate	09/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/04/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	320	N/A	umhos/cm
TEMPERATURE (E170.1)	17.8	N/A	degrees c
pH (E150.1)	7.22	N/A	pH
ALKALINITY-TOTAL (SM403)	119.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	145.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	326	3.0	mg/l
CHLORIDE (E325.3)	35.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0660 continued on next page)

(results for BAFB-0660 continued)

Field No. : BAFB-0660
Laboratory No. : 24387-1
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.14		0.10	mg/l
NITRATE + NITRITE (E353.3)	8.6		0.13	mg/l
SULFATE (E375.4)	17.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100		0.0100	mg/l
ICP METALS (SW6010)				mg/l
Calcium	29.0		1.00	
Magnesium	19.2		1.00	
Sodium	14.4		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	20	(23)	1	
Tetrachloroethene	2		1	
Bromochloromethane (SS)	104		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1		1	
Trifluorotoluene (SS)	97		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0660 continued on next page)

(results for BAFB-0660 continued)

Field No. : BAFB-0660
Laboratory No. : 24387-1
Normal Environmental Sample

Field Log No. : 13-A-2GW
Sampling Date : 09/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	82	N/A	
2-Fluorobiphenyl (SS)	81	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	36	N/A	
2-Fluorophenol (SS)	40	N/A	
2,4,6-Tribromophenol (SS)	50	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0660)

BEALE AFB SITE 13: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0666
Laboratory No. : 24400-3
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 09/21/89
Matrix : Water

Tests performed on sample: BAFB-0666 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/21/89	wet	1.0	umhos/cm
E170.1	Temperature	09/21/89	wet	1.0	degrees c
E150.1	pH	09/21/89	wet	1.0	pH
SM403	Alkalinity - Total	09/21/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/21/89	wet	1.0	mg/l
SM403	Bicarbonate	09/21/89	wet	1.0	mg/l
SM403	Carbonate	09/21/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/27/89	wet	1.0	mg/l
E325.3	Chloride	10/12/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	432	N/A	umhos/cm
TEMPERATURE (E170.1)	24.0	N/A	degrees c
pH (E150.1)	6.94	N/A	pH
ALKALINITY-TOTAL (SM403)	72.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	87.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	398	3.0	mg/l
CHLORIDE (E325.3)	60.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0666 continued on next page)

(results for BAFB-0666 continued)

Field No. : BAFB-0666
Laboratory No. : 24400-3
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 09/21/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2)	0.29	0.10	mg/l
NITRATE + NITRITE (E353.3)	36.9	0.13	mg/l
SULFATE (E375.4)	26.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100	0.0100	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.2	1.00	
Magnesium	10.0	1.00	
Potassium	7.40	1.00	
Sodium	48.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	98	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	105	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0666 continued on next page)

(results for BAFB-0666 continued)

Field No. : BAFB-0666
Laboratory No. : 24400-3
Normal Environmental Sample

Field Log No. : 13-C-1SW
Sampling Date : 09/21/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
p-Terphenyl-d14 (SS)	59	N/A	
Phenol-d5 (SS)	60	N/A	
2-Fluorophenol (SS)	47	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated values, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0666)

BEALE AFB OFF BASE WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0672
Laboratory No. : 24431-1
Normal Environmental Sample

Field Log No. : OB-C-3GW
Sampling Date : 09/26/89
Matrix : Water

Tests performed on sample: BAFB-0672 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(2)	1	
Bromochloromethane (SS)	173	(94)	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0672)

BEALE AFB OFF BASE WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0674
Laboratory No. : 24431-3
Field Blank

Field Log No. : OB-C-3GW
Sampling Date : 09/26/89
Matrix : Water

Tests performed on sample: BAFB-0674 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	16	(18)	5	
Bromochloromethane (SS)	175	(97)	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0674)

BEALE AFB OFF BASE WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0673
Laboratory No. : 24431-2
Normal Environmental Sample

Field Log No. : OB-C-4GW
Sampling Date : 09/26/89
Matrix : Water

Tests performed on sample: BAFB-0673 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	10/06/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(2)	1	
Bromochloromethane (SS)	174	(94)	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0673)

SITE 13

Water Data 4th Round Sampling 1989

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0681
Laboratory No. : 24868-2
Normal Environmental Sample

Location : 13-C-1GW
Sampling Date : 11/13/89
Matrix : Water

Tests performed on sample: BAFB-0681 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/13/89	wet	1.0	umhos/cm
E170.1	Temperature	11/13/89	wet	1.0	degrees c
E150.1	pH	11/13/89	wet	1.0	pH
E160.1	Total Dissolved Solids	11/15/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/17/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	450	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	7.21	N/A	pH
ALKALINITY-TOTAL (SM403) (non-detect)	115.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403) (non-detect)	140.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	389	3.0	mg/l
CHLORIDE (E325.3)	63.5	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0681 continued on next page)

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(results for BAFB-0681 continued)

Field No. : BAFB-0681
Laboratory No. : 24868-2
Normal Environmental Sample

Location : 13-C-1GW
Sampling Date : 11/13/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.15		0.10	mg/l
NITRATE + NITRITE (E353.3)	22.9		0.13	mg/l
SULFATE (E375.4)	27.3		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Barium	0.128		0.100	
Calcium	42.1		1.00	
Magnesium	27.9		1.00	
Sodium	16.8		1.00	
Zinc	0.0293		0.0200	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	14	(92)	1	
Trichloroethene	550	(540)	1	
1,1,2-Trichloroethane	10	(19)	1	
Tetrachloroethene	7	(10)	1	
Bromochloromethane (SS)	110		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	9	(0)	1	
Trifluorotoluene (SS)	115		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0681 continued on next page)

Field No. : BAFB-0681
Laboratory No. : 24868-2
Normal Environmental Sample

Location : 13-C-1GW
Sampling Date : 11/13/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	8 BJ	10	
bis(2-Ethylhexyl)Phthalate	10 B	10	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
p-Terphenyl-d14 (SS)	96	N/A	
Phenol-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for Sample BAFB-0681)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0687
Laboratory No. : 24898-1
Normal Environmental Sample

Location : 13-C-2GW
Sampling Date : 11/15/89
Matrix : Water

Tests performed on sample: BAFB-0687 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/15/89	wet	1.0	umhos/cm
E170.1	Temperature	11/15/89	wet	1.0	degrees c
E150.1	pH	11/15/89	wet	1.0	pH
SM403	Alkalinity - Total	11/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/15/89	wet	1.0	mg/l
SM403	Bicarbonate	11/15/89	wet	1.0	mg/l
SM403	Carbonate	11/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/20/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/05/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	296	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.24	N/A	pH
ALKALINITY-TOTAL (SM403)	100.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	122.5	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0687 continued on next page)

(results for BAFB-0687 continued)

Field No. : BAFB-0687
Laboratory No. : 24898-1
Normal Environmental Sample

Location : 13-C-2GW
Sampling Date : 11/15/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	146		3.0	mg/l
CHLORIDE (E325.3)	28.0		1.0	mg/l
FLUORIDE (E340.2)	0.20		0.10	mg/l
NITRATE + NITRITE (E353.3)	16.0		0.13	mg/l
SULFATE (E375.4)	14.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	27.5		1.00	
Magnesium	17.8		1.00	
Sodium	13.2		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	6	(6)	1	
Bromochloromethane (SS)	128		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(0)	1	
Trifluorotoluene (SS)	135		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0687 continued on next page)

(results for BAFB-0687 continued)

Field No. : BAFB-0687
Laboratory No. : 24898-1
Normal Environmental Sample

Location : 13-C-2GW
Sampling Date : 11/15/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	80	N/A	
2-Fluorophenol (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0687)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0683
Laboratory No. : 24887-2
Normal Environmental Sample

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Tests performed on sample: BAFB-0683 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/14/89	wet	1.0	umhos/cm
E170.1	Temperature	11/14/89	wet	1.0	degrees c
E150.1	pH	11/14/89	wet	1.0	pH
SM403	Alkalinity - Total	11/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/14/89	wet	1.0	mg/l
SM403	Bicarbonate	11/14/89	wet	1.0	mg/l
SM403	Carbonate	11/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/20/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/17/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	406	N/A	umhos/cm
TEMPERATURE (E170.1)	17.0	N/A	degrees c
pH (E150.1)	7.04	N/A	pH
ALKALINITY-TOTAL (SM403)	130.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	158.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0683 continued on next page)

(results for BAFB-0683 continued)

Field No. : BAFB-0683
Laboratory No. : 24887-2
Normal Environmental Sample

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	190		3.0	mg/l
CHLORIDE (E325.3)	56.5		1.0	mg/l
FLUORIDE (E340.2)	0.17		0.10	mg/l
NITRATE + NITRITE (E353.3)	11.0		0.13	mg/l
SULFATE (E375.4)	16.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	38.1		1.00	
Magnesium	25.1		1.00	
Sodium	16.8		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	2	(4)	1	
Trichloroethene	77	(73)	1	
Tetrachloroethene	•2	(3)	1	
Bromochloromethane (SS)	99		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(0)	1	
Trifluorotoluene (SS)	116		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0683 continued on next page)

(results for BAFB-0683 continued)

Field No. : BAFB-0683
Laboratory No. : 24887-2
Normal Environmental Sample

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	8 BJ	10	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
p-Terphenyl-d14 (SS)	97	N/A	
Phenol-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0683)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0684
Laboratory No. : 24887-3
Field Replicate

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Tests performed on sample: BAFB-0684

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/14/89	wet	1.0	umhos/cm
E170.1	Temperature	11/14/89	wet	1.0	degrees c
E150.1	pH	11/14/89	wet	1.0	pH
SM403	Alkalinity - Total	11/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/14/89	wet	1.0	mg/l
SM403	Bicarbonate	11/14/89	wet	1.0	mg/l
SM403	Carbonate	11/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/20/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/17/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	406	N/A	umhos/cm
TEMPERATURE (E170.1)	17.0	N/A	degrees c
pH (E150.1)	7.04	N/A	pH
ALKALINITY-TOTAL (SM403)	135.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	165.4	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	241	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0684 continued on next page)

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(results for BAFB-0684 continued)

Field No. : BAFB-0684
Laboratory No. : 24887-3
Field Replicate

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	56.7		1.0	mg/l
FLUORIDE (E340.2)	0.17		0.10	mg/l
NITRATE + NITRITE (E353.3)	11.0		0.13	mg/l
SULFATE (E375.4)	17.4		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	39.0		1.00	
Magnesium	25.7		1.00	
Sodium	17.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
trans-1,2,-Dichloroethene	2	(4)	1	
Trichloroethene	74	(73)	1	
Tetrachloroethene	1	(3)	1	
Bromochloromethane (SS)	101		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	10	(1)	1	
Trifluorotoluene (SS)	112		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0684 continued on next page)

(results for BAFB-0684 continued)

Field No. : BAFB-0684
Laboratory No. : 24887-3
Field Replicate

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	9 BJ	10	
bis(2-Ethylhexyl)Phthalate	7 BJ	10	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	76	N/A	
2-Fluorophenol (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0684)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0685
Laboratory No. : 24887-4
Equipment Wash Blank

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Tests performed on sample: BAFB-0685 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SM403	Alkalinity - Total	11/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/14/89	wet	1.0	mg/l
SM403	Bicarbonate	11/14/89	wet	1.0	mg/l
SM403	Carbonate	11/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/20/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/17/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
ALKALINITY-TOTAL (SM403)	8.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	10.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	18.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3) (non-detect)	<0.050	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0685 continued on next page)

(results for BAFB-0685 continued)

Field No. : BAFB-0685
Laboratory No. : 24887-4
Equipment Wash Blank

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value	Detection Limit	Units
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	106	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1 (0)	1	
Trifluorotoluene (SS)	127	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	8 BJ	10	
bis(2-Ethylhexyl)Phthalate	14 B	10	
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	130	N/A	
Phenol-d5 (SS)	70	N/A	
2-Fluorophenol (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0685)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0686
Laboratory No. : 24887-5
Ambient Condition Blank

Location : 13-C-3GW
Sampling Date : 11/14/89
Matrix : Water

Tests performed on sample: BAFB-0686 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	122	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	135	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0686)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0703
Laboratory No. : 24954-1
Normal Environmental Sample

Location : 13-C-4GW
Sampling Date : 11/21/89
Matrix : Water

Tests performed on sample: BAFB-0703

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/21/89	wet	1.0	umhos/cm
E170.1	Temperature	11/21/89	wet	1.0	degrees c
E150.1	pH	11/21/89	wet	1.0	pH
E160.1	Total Dissolved Solids	11/27/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/14/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	342	N/A	umhos/cm
TEMPERATURE (E170.1)	17.5	N/A	degrees c
pH (E150.1)	7.19	N/A	pH
ALKALINITY-TOTAL (SM403) (non-detect)	132.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403) (non-detect)	161.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0703 continued on next page)

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(results for BAFB-0703 continued)

Field No. : BAFB-0703
Laboratory No. : 24954-1
Normal Environmental Sample

Location : 13-C-4GW
Sampling Date : 11/21/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	338		3.0	mg/l
CHLORIDE (E325.3)	35.1		1.0	mg/l
FLUORIDE (E340.2)	0.17		0.10	mg/l
NITRATE + NITRITE (E353.3)	9.1		0.13	mg/l
SULFATE (E375.4)	11.9		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	30.7		1.00	
Magnesium	20.8		1.00	
Sodium	15.1		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	45	(46)	1	
Bromochloromethane (SS)	119		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	101		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0703 continued on next page)

(results for BAFB-0703 continued)

Field No. : BAFB-0703
Laboratory No. : 24954-1
Normal Environmental Sample

Location : 13-C-4GW
Sampling Date : 11/21/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	7 BJ	10	
N-Nitrosodiphenylamine (1)	9 BJ	10	
Di-n-Butylphthalate	7 BJ	10	
Nitrobenzene-d5 (SS)	40	N/A	
2-Fluorobiphenyl (SS)	43	N/A	
p-Terphenyl-d14 (SS)	63	N/A	
Phenol-d5 (SS)	33	N/A	
2-Fluorophenol (SS)	29	N/A	
2,4,6-Tribromophenol (SS)	46	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0703)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0709
Laboratory No. : 25000-1
Normal Environmental Sample

Location : 13-C-5GW
Sampling Date : 11/27/89
Matrix : Water

Tests performed on sample: BAFB-0709 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/27/89	wet	1.0	umhos/cm
E170.1	Temperature	11/27/89	wet	1.0	degrees c
E150.1	pH	11/27/89	wet	1.0	pH
SM403	Alkalinity - Total	11/27/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/27/89	wet	1.0	mg/l
SM403	Bicarbonate	11/27/89	wet	1.0	mg/l
SM403	Carbonate	11/27/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/04/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/09/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/09/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	425	N/A	umhos/cm
TEMPERATURE (E170.1)	18.5	N/A	degrees c
pH (E150.1)	7.18	N/A	pH
ALKALINITY-TOTAL (SM403)	124.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	151.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0709 continued on next page)

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(results for BAFB-0709 continued)

Field No. : BAFB-0709
Laboratory No. : 25000-1
Normal Environmental Sample

Location : 13-C-5GW
Sampling Date : 11/27/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	366		3.0	mg/l
CHLORIDE (E325.3)	44.2		1.0	mg/l
FLUORIDE (E340.2)	0.13		0.10	mg/l
NITRATE + NITRITE (E353.3)	27.9		0.13	mg/l
SULFATE (E375.4)	24.1		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	38.7		1.00	
Magnesium	24.2		1.00	
Manganese	0.278		0.0150	
Sodium	18.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	14	(18)	1	
Bromochloromethane (SS)	117		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	106		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0709 continued on next page)

(results for BAFB-0709 continued)

Field No. : BAFB-0709
Laboratory No. : 25000-1
Normal Environmental Sample

Location : 13-C-5GW
Sampling Date : 11/27/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	5 BJ	10	
N-Nitrosodiphenylamine (1)	9 BJ	10	
Di-n-Butylphthalate	10 B	10	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	56	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0709)

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BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0680
Laboratory No. : 24868-1
Normal Environmental Sample

Location : 13-C-6GW
Sampling Date : 11/13/89
Matrix : Water

Tests performed on sample: BAFB-0680

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/13/89	wet	1.0	umhos/cm
E170.1	Temperature	11/13/89	wet	1.0	degrees c
E150.1	pH	11/13/89	wet	1.0	pH
E160.1	Total Dissolved Solids	11/15/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/17/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	143	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.37	N/A	pH
ALKALINITY-TOTAL (SM403) (non-detect)	69.5	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403) (non-detect)	84.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES OANLY

(results for BAFB-0680 continued on next page)

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(results for BAFB-0680 continued)

Field No. : BAFB-0680
Laboratory No. : 24868-1
Normal Environmental Sample

Location : 13-C-6GW
Sampling Date : 11/13/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	166		3.0	mg/l
CHLORIDE (E325.3)	112		1.0	mg/l
FLUORIDE (E340.2)	0.28		0.10	mg/l
NITRATE + NITRITE (E353.3)	3.9		0.13	mg/l
SULFATE (E375.4)	3.9		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Barium	0.103		0.100	
Calcium	11.4		1.00	
Magnesium	7.28		1.00	
Manganese	0.0183		0.0150	
Sodium	11.7		1.00	
Zinc	0.0404		0.0200	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	4	(5)	1	
Bromochloromethane (SS)	94		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	109		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES OANLY

(results for BAFB-0680 continued on next page)

(results for BAFB-0680 continued)

Field No. : BAFB-0680
Laboratory No. : 24868-1
Normal Environmental Sample

Location : 13-C-6GW
Sampling Date : 11/13/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	11 B	10	
bis(2-Ethylhexyl)Phthalate	11 B	10	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	62	N/A	
p-Terphenyl-d14 (SS)	82	N/A	
Phenol-d5 (SS)	73	N/A	
2-Fluorophenol (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0680)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0682
Laboratory No. : 24887-1
Normal Environmental Sample

Location : 13-A-1GW
Sampling Date : 11/14/89
Matrix : Water

Tests performed on sample: BAFB-0682

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/14/89	wet	1.0	umhos/cm
E170.1	Temperature	11/14/89	wet	1.0	degrees c
E150.1	pH	11/14/89	wet	1.0	pH
SM403	Alkalinity - Total	11/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/14/89	wet	1.0	mg/l
SM403	Bicarbonate	11/14/89	wet	1.0	mg/l
SM403	Carbonate	11/14/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/20/89	wet	1.0	mg/l
E325.3	Chloride	11/29/89	wet	1.0	mg/l
E340.2	Fluoride	12/01/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	11/28/89	wet	1.0	mg/l
E375.4	Sulfate	11/27/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/17/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	11/22/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	11/22/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	11/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	530	N/A	umhos/cm
TEMPERATURE (E170.1)	17.5	N/A	degrees c
pH (E150.1)	7.26	N/A	pH
ALKALINITY-TOTAL (SM403)	174.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	212.5	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0682 continued on next page)

(results for BAFB-0682 continued)

Field No. : BAFB-0682
Laboratory No. : 24887-1
Normal Environmental Sample

Location : 13-A-1GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	354		3.0	mg/l
CHLORIDE (E325.3)	87.0		1.0	mg/l
FLUORIDE (E340.2)	0.14		0.10	mg/l
NITRATE + NITRITE (E353.3)	6.7		0.13	mg/l
SULFATE (E375.4)	9.3		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	52.0		1.00	
Magnesium	32.7		1.00	
Sodium	18.9		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	21	(22)	1	
Bromochloromethane (SS)	99		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	109		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0682 continued on next page)

(results for BAFB-0682 continued)

Field No. : BAFB-0682
Laboratory No. : 24887-1
Normal Environmental Sample

Location : 13-A-1GW
Sampling Date : 11/14/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	10 B	10	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	70	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0682)

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BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0702
Laboratory No. : 24939-3
Normal Environmental Sample

Location : 13-A-2GW
Sampling Date : 11/20/89
Matrix : Water

Tests performed on sample: BAFB-0702

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/20/89	wet	1.0	umhos/cm
E170.1	Temperature	11/20/89	wet	1.0	degrees c
E150.1	pH	11/20/89	wet	1.0	pH
SM403	Alkalinity - Total	11/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	11/20/89	wet	1.0	mg/l
SM403	Bicarbonate	11/20/89	wet	1.0	mg/l
SM403	Carbonate	11/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/22/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/14/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	345	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.29	N/A	pH
ALKALINITY-TOTAL (SM403)	83.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.2	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0702 continued on next page)

site13w4.jl

(results for BAFB-0702 continued)

Field No. : BAFB-0702
Laboratory No. : 24939-3
Normal Environmental Sample

Location : 13-A-2GW
Sampling Date : 11/20/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	278		3.0	mg/l
CHLORIDE (E325.3)	37.4		1.0	mg/l
FLUORIDE (E340.2)	0.16		0.10	mg/l
NITRATE + NITRITE (E353.3)	3.3		0.13	mg/l
SULFATE (E375.4)	14.5		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
ICP METALS (SW6010)				mg/l
Calcium	29.7		1.00	
Magnesium	19.5		1.00	
Sodium	14.9		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	17	(25)	1	
Bromochloromethane (SS)	107		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	96		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0702 continued on next page)

(results for BAFB-0702 continued)

Field No. : BAFB-0702
Laboratory No. : 24939-3
Normal Environmental Sample

Location : 13-A-2GW
Sampling Date : 11/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	7 BJ	10	
N-Nitrosodiphenylamine (1)	8 BJ	10	
Di-n-Butylphthalate	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	16	10	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	59	N/A	
2-Fluorophenol (SS)	58	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0702)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0726
Laboratory No. : 25088-1
Normal Environmental Sample

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Tests performed on sample: BAFB-0726

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	12/04/89	wet	1.0	umhos/cm
E170.1	Temperature	12/04/89	wet	1.0	degrees c
E150.1	pH	12/04/89	wet	1.0	pH
SM403	Alkalinity - Total	12/04/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	12/04/89	wet	1.0	mg/l
SM403	Bicarbonate	12/04/89	wet	1.0	mg/l
SM403	Carbonate	12/04/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/13/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	01/09/90	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	409	N/A	umhos/cm
TEMPERATURE (E170.1)	15.0	N/A	degrees c
pH (E150.1)	6.81	N/A	pH
ALKALINITY-TOTAL (SM403)	69.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.2	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0726 continued on next page)

(results for BAFB-0726 continued)

Field No. : BAFB-0726
Laboratory No. : 25088-1
Normal Environmental Sample

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	415	3.0	mg/l
CHLORIDE (E325.3)	62.8	1.0	mg/l
FLUORIDE (E340.2)	0.26	0.10	mg/l
NITRATE + NITRITE (E353.3)	75.8	0.13	mg/l
SULFATE (E375.4)	26.9	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	44.5	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010)			mg/l
Calcium	23.4	1.00	
Magnesium	11.0	1.00	
Potassium	8.38	1.00	
Sodium	52.6	1.00	
Zinc	0.0416	0.0200	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane	115	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	91	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0726 continued on next page)

(results for BAFB-0726 continued)

Field No. : BAFB-0726
Laboratory No. : 25088-1
Normal Environmental Sample

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	9 BJ	10	
Di-n-Butylphthalate	7 BJ	10	
Nitrobenzene-d5 (SS)	50	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	21	N/A	
2-Fluorophenol (SS)	24	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0726)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0727
Laboratory No. : 25088-2
Field Replicate

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Tests performed on sample: BAFB-0727

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	12/04/89	wet	1.0	umhos/cm
E170.1	Temperature	12/04/89	wet	1.0	degrees c
E150.1	pH	12/04/89	wet	1.0	pH
SM403	Alkalinity - Total	12/04/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	12/04/89	wet	1.0	mg/l
SM403	Bicarbonate	12/04/89	wet	1.0	mg/l
SM403	Carbonate	12/04/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/13/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/15/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/15/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	01/13/90	wet	1.0	ug/l
SW8270 LR1	Semi-Volatile Organics	01/19/90	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	409	N/A	umhos/cm
TEMPERATURE (E170.1)	15.0	N/A	degrees c
pH (E150.1)	6.81	N/A	pH
ALKALINITY-TOTAL (SM403)	168.5	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	205.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ARGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0727 continued on next page)

(results for BAFB-0727 continued)

Field No. : BAFB-0727
Laboratory No. : 25088-2
Field Replicate

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	352	3.0	mg/l
CHLORIDE (E325.3)	65.7	1.0	mg/l
FLUORIDE (E340.2)	0.31	0.10	mg/l
NITRATE + NITRITE (E353.3)	66.9	0.13	mg/l
SULFATE (E375.4)	20.2	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	41.2	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421)	0.0417	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010)			mg/l
Calcium	24.0	1.00	
Magnesium	11.2	1.00	
Potassium	8.54	1.00	
Sodium	54.2	1.00	
Zinc	0.0296	0.0200	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane	115	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	99	N/A	

RESULTS FOR METALS AND ARGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0727 continued on next page)

(results for BAFB-0727 continued)

Field No. : BAFB-0727
Laboratory No. : 25088-2
Field Replicate

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Description		Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Di-n-Butylphthalate		5 BJ	10	
Nitrobenzene-d5 (SS)		28	N/A	
2-Fluorobiphenyl (SS)		42	N/A	
p-Terphenyl-d14 (SS)		71	N/A	
Phenol-d5 (SS)		22	N/A	
2-Fluorophenol (SS)		19	N/A	
2,4,6-Tribromophenol (SS)		44	N/A	
SEMI-VOLATILE ORGANICS (SW8270)	LR1			ug/l
N-Nitrosodiphenylamine (1)		9 BJ	10	
bis(2-Ethylhexyl)Phthalate		6 J	10	
Nitrobenzene-d5 (SS)		72	N/A	
2-Fluorobiphenyl (SS)		78	N/A	
p-Terphenyl-d14 (SS)		100	N/A	
Phenol-d5 (SS)		51	N/A	
2-Fluorophenol (SS)		43	N/A	
2,4,6-Tribromophenol (SS)		85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0727)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0728
Laboratory No. : 25088-3
Equipment Wash Blank

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Tests performed on sample: BAFB-0728 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SM403	Alkalinity - Total	12/04/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	12/04/89	wet	1.0	mg/l
SM403	Bicarbonate	12/04/89	wet	1.0	mg/l
SM403	Carbonate	12/04/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/11/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/13/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/18/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/18/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	01/15/90	wet	1.0	ug/l

Description	Value	Detection Limit	Units
ALKALINITY-TOTAL (SM403)	31.5	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	38.4	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	12.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0728 continued on next page)

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(results for BAFB-0728 continued)

Field No. : BAFB-0728
Laboratory No. : 25088-3
Equipment Wash Blank

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Description	Value	Detection Limit	Units
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.40	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane	106	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	109	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0728 continued on next page)

(results for BAFB-0728 continued)

Field No. : BAFB-0728
Laboratory No. : 25088-3
Equipment Wash Blank

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	7 J	10	
N-Nitrosodiphenylamine (1)	11 B	10	
Di-n-Butylphthalate	15 B	10	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	36	N/A	
2-Fluorophenol (SS)	31	N/A	
2,4,6-Tribromophenol (SS)	45	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0728)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0729
Laboratory No. : 25088-4
Ambient Condition Blank

Location : 13-C-1SW
Sampling Date : 12/04/89
Matrix : Water

Tests performed on sample: BAFB-0729

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	12/18/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/18/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	101	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	104	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0729)

site13w4.jl

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0737
Laboratory No. : 25184-1
Normal Environmental Sample

Location : OB-C-3GW
Sampling Date : 12/11/89
Matrix : Water

Tests performed on sample: BAFB-0737

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	12/11/89	wet	1.0	umhos/cm
E170.1	Temperature	12/11/89	wet	1.0	degrees c
E150.1	pH	12/11/89	wet	1.0	pH
SW8010	Purgeable Halocarbons	12/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	177	N/A	umhos/cm
TEMPERATURE (E170.1)	18.0	N/A	degrees c
pH (E150.1)	7.10	N/A	pH
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	1 (2)	1	
Bromochloromethane (SS)	122	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0737)

site13w4.jl

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0738
Laboratory No. : 25184-2
Normal Environmental Sample

Location : OB-C-4GW
Sampling Date : 12/11/89
Matrix : Water

Tests performed on sample: BAFB-0738

Test ID	Description	Analysis Date	Dilution	Units
E120.1	Specific Conductivity	12/11/89	wet 1.0	umhos/cm
E170.1	Temperature	12/11/89	wet 1.0	degrees c
E150.1	pH	12/11/89	wet 1.0	pH
SW8010	Purgeable Halocarbons	12/23/89	wet 1.0	ug/l

Description	Value		Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	171		N/A	umhos/cm
TEMPERATURE (E170.1)	17.0		N/A	degrees c
pH (E150.1)	7.19		N/A	pH
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	1	(3)	1	
Bromochloromethane	128		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0738)

BEALE AFB SITE 13: Water Data 4th Round Sampling 1989

Field No. : BAFB-0741
Laboratory No. : 25189-2
Normal Environmental Sample

Location : OB-C-5GW
Sampling Date : 12/12/89
Matrix : Water

Tests performed on sample: BAFB-0741		Analysis	Dilu-		
Test ID	Description	Date	tion	Units	
E120.1	Specific Conductivity	12/12/89	wet	1.0	umhos/cm
E170.1	Temperature	12/12/89	wet	1.0	degrees c
E150.1	pH	12/12/89	wet	1.0	pH
SW8010	Purgeable Halocarbons	12/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	294	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.10	N/A	pH
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	125	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0741)

site13w4.jl

SITE 15

Soil Analyses

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0139
Laboratory No. : 21725-5
Sample Depth : 10.00 - 11.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0139

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/08/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.6	4.6	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15500	23.1	
Barium	115	11.5	
Calcium	5540	115	
Chromium	32.7	3.5	
Cobalt	11.5	4.6	
Copper	52.7	3.5	
Iron	31900	11.5	
Magnesium	6280	115	
Manganese	382	1.7	
Nickel	19.6	4.6	
Sodium	232	115	
Vanadium	99.2	4.6	
Zinc	53.3	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0139 continued on next page)

(results for BAFB-0139 continued)

Field No. : BAFB-0139
Laboratory No. : 21725-5
Sample Depth : 10.00 - 11.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.023	0.006	
Toluene	0.039	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.5 B	0.38	
2-Fluorophenol (SS)	50	N/A	
Phenol-d5 (SS)	66	N/A	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	
p-Terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0139)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0140
Laboratory No. : 21725-6
Sample Depth : 21.00 - 22.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0140

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/08/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.9	4.9	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16800	24.5	
Barium	63.2	12.3	
Calcium	6050	123	
Chromium	38.1	3.7	
Cobalt	18.4	4.9	
Copper	49.3	3.7	
Iron	37300	12.3	
Magnesium	7820	123	
Manganese	721	1.8	
Nickel	32.0	4.9	
Potassium	392	245	
Sodium	294	123	
Thallium	65.4	61.3	
Vanadium	103	4.9	
Zinc	68.8	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0140 continued on next page)

(results for BAFB-0140 continued)

Field No. : BAFB-0140
Laboratory No. : 21725-6
Sample Depth : 21.00 - 22.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.074	0.006	
Toluene	0.072	0.006	
Toluene-d8 (SS)	85	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.40	
2-Fluorophenol (SS)	63	N/A	
Phenol-d5 (SS)	79	N/A	
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	
p-Terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0140)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0141
Laboratory No. : 21725-7
Sample Depth : 30.00 - 31.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0141 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/08/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.082	0.082	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.5	5.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<69	69	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23000	27.4	
Barium	103	13.7	
Calcium	5540	137	
Chromium	28.0	4.1	
Cobalt	16.5	5.5	
Copper	49.0	4.1	
Iron	32000	13.7	
Magnesium	6450	137	
Manganese	601	2.1	
Nickel	24.7	5.5	
Potassium	658	274	
Sodium	516	137	
Thallium	89.4	68.6	
Vanadium	69.7	5.5	
Zinc	73.7	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0141 continued on next page)

(results for BAFB-0141 continued)

Field No. : BAFB-0141
Laboratory No. : 21725-7
Sample Depth : 30.00 - 31.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.099	0.007	
Toluene	0.19	0.007	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.45	
N-Nitrosodiphenylamine (1)	0.23 BJ	0.45	
2-Fluorophenol (SS)	62	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0141)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0142
Laboratory No. : 21725-8
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Tests performed on sample: BAFB-0142		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/29/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/15/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/08/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.083	0.083	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.5	5.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<69	69	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20100	27.5	
Barium	110	13.8	
Beryllium	0.69	0.69	
Calcium	5870	138	
Chromium	34.3	4.1	
Cobalt	24.8	5.5	
Copper	71.9	4.1	
Iron	35400	13.8	
Magnesium	9570	138	
Manganese	869	2.1	
Nickel	29.8	5.5	
Potassium	509	275	
Sodium	432	138	
Thallium	68.2	68.8	
Vanadium	97.0	5.5	
Zinc	93.0	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0142 continued on next page)

(results for BAFB-0142 continued)

Field No. : BAFB-0142
Laboratory No. : 21725-8
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/01/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028	0.007	
1,1,1-Trichloroethane	0.004 J	0.007	
Toluene	0.12	0.007	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.45	
2-Fluorophenol (SS)	64	N/A	
Phenol-d5 (SS)	82	N/A	
Nitrobenzene-d5 (SS)	82	N/A	
2-Fluorobiphenyl (SS)	92	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0142)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0143
Laboratory No. : 21734-8
Sample Depth : 50.00 - 51.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0143 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	5.0	mg/kg
SW8270	Semi-Volatile Organics	01/18/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.1	5.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18200	25.5	
Barium	83.4	12.8	
Calcium	6240	128	
Chromium	37.1	3.8	
Cobalt	23.0	5.1	
Copper	68.9	3.8	
Iron	37400	12.8	
Magnesium	9390	128	
Manganese	719	1.9	
Nickel	27.6	5.1	
Potassium	485	255	
Sodium	393	128	
Vanadium	73.0	5.1	
Zinc	81.6	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0143 continued on next page)

(results for BAFB-0143 continued)

Field No. : BAFB-0143
Laboratory No. : 21734-8
Sample Depth : 50.00 - 51.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.024 J	0.030	
Acetone	0.29	0.030	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.097 BJ	0.42	
Di-n-Butylphthalate	0.34 J	0.42	
2-Fluorophenol (SS)	72	N/A	
Phenol-d5 (SS)	99	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	78	N/A	
p-Terphenyl-d14 (SS)	64	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0143)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0184
Laboratory No. : 21734-9
Sample Depth : 60.00 - 61.20 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0184

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.0	5.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	26000	24.9	
Barium	73.8	12.5	
Beryllium	0.62	0.62	
Calcium	6800	125	
Chromium	54.0	3.7	
Cobalt	23.7	5.0	
Copper	66.7	3.7	
Iron	47400	12.5	
Magnesium	8000	125	
Manganese	772	1.9	
Nickel	33.4	5.0	
Potassium	760	249	
Sodium	467	125	
Thallium	106	62.3	
Vanadium	139	5.0	
Zinc	91.7	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0184 continued on next page)

(results for BAFB-0184 continued)

Field No. : BAFB-0184
Laboratory No. : 21734-9
Sample Depth : 60.00 - 61.20 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-1SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.058	0.006	
Acetone	0.23	0.006	
Toluene	0.020	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.19 J	0.41	
2-Fluorophenol (SS)	75	N/A	
Phenol-d5 (SS)	104	N/A	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	
p-Terphenyl-d14 (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0184)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0185
Laboratory No. : 21734-10
Sample Depth : 62.40 - 63.10 ft. BGS
Field Replicate for BAFB-0184

Field Log No. : 15-C-1SB
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0185 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	50.0	mg/kg
SW8270	Semi-Volatile Organics	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.9	4.9	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	26200	24.3	
Barium	68.1	12.2	
Beryllium	0.61	0.61	
Calcium	6530	122	
Chromium	51.9	3.6	
Cobalt	23.1	4.9	
Copper	68.6	3.6	
Iron	48400	12.2	
Magnesium	7860	122	
Manganese	790	1.8	
Nickel	31.8	4.9	
Potassium	1080	243	
Sodium	371	122	
Thallium	108	60.8	
Vanadium	167	4.9	
Zinc	85.2	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0185 continued on next page)

(results for BAFB-0185 continued)

Field No. : BAFB-0185
Laboratory No. : 21734-10
Sample Depth : 62.40 - 63.10 ft. BGS
Field Replicate for BAFB-0184

Field Log No. : 15-C-1SB
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.10 J	0.31	
Acetone	0.75	0.31	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	0.12 BJ	0.40	
Di-n-Butylphthalate	0.18 J	0.40	
2-Fluorophenol (SS)	73	N/A	
Phenol-d5 (SS)	101	N/A	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0185)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0151
Laboratory No. : 21757-7
Sample Depth : 11.50 - 13.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0151

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.9	4.9	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17800	24.4	
Barium	137	12.2	
Calcium	6630	122	
Chromium	44.6 B	3.7	
Cobalt	20.8	4.9	
Copper	50.1	3.7	
Iron	35700 B	12.2	
Magnesium	7080	122	
Manganese	787	1.8	
Nickel	30.3	4.9	
Sodium	180	122	
Thallium	62.5	61.1	
Vanadium	98.4	4.9	
Zinc	62.5 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0151 continued on next page)

(results for BAFB-0151 continued)

Field No. : BAFB-0151
Laboratory No. : 21757-7
Sample Depth : 11.50 - 13.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.034	0.006	
Acetone	0.017 B	0.012	
Toluene	0.32	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Acenaphthene	0.046 J	0.40	
Fluorene	0.068 J	0.40	
N-Nitrosodiphenylamine (1)	0.043 J	0.40	
Anthracene	0.11 J	0.40	
Di-n-Butylphthalate	0.61 B	0.40	
Fluoranthene	0.23 J	0.40	
Pyrene	0.17 J	0.40	
bis(2-Ethylhexyl)Phthalate	0.057 J	0.40	
Chrysene	0.054 J	0.40	
Benzo(k)fluoranthene	0.043 J	0.40	
Benzo(a)pyrene	0.046 J	0.40	
2-Fluorophenol (SS)	81	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	58	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0151)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0152
Laboratory No. : 21758-2
Sample Depth : 17.50 - 19.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0152 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.0	5.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20400	24.9	
Barium	126	12.5	
Calcium	6660	125	
Chromium	50.1 B	3.7	
Cobalt	22.4	5.0	
Copper	71.8	3.7	
Iron	41900 B	12.5	
Magnesium	8380	125	
Manganese	895	1.9	
Nickel	31.4	5.0	
Potassium	299	249	
Sodium	190	125	
Vanadium	131	5.0	
Zinc	78.8 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0152 continued on next page)

(results for BAFB-0152 continued)

Field No. : BAFB-0152
Laboratory No. : 21758-2
Sample Depth : 17.50 - 19.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013	0.006	
Acetone	0.063	0.006	
Toluene	0.022	0.006	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.42 B	0.41	
bis(2-Ethylhexyl)Phthalate	0.060 J	0.41	
2-Fluorophenol (SS)	62	N/A	
Phenol-d5 (SS)	66	N/A	
Nitrobenzene-d5 (SS)	37	N/A	
2-Fluorobiphenyl (SS)	43	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	
p-Terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0152)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0153
Laboratory No. : 21758-3
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0153

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.8	4.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10200	23.8	
Barium	120	11.9	
Calcium	4520	119	
Chromium	20.2 B	3.6	
Cobalt	21.4	4.8	
Copper	36.3	3.6	
Iron	23800 B	11.9	
Magnesium	5370	119	
Manganese	829	1.8	
Nickel	17.8	4.8	
Potassium	249	238	
Sodium	137	119	
Vanadium	61.4	4.8	
Zinc	47.9 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0153 continued on next page)

(results for BAFB-0153 continued)

Field No. : BAFB-0153
Laboratory No. : 21758-3
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.011	0.006	
Acetone	0.047	0.006	
Toluene	0.008	0.006	
1,2-Dichloroethane-d4 (SS)	87	N/A	
Toluene-d8 (SS)	86	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.13 BJ	0.39	
bis(2-Ethylhexyl)Phthalate	0.10 J	0.39	
2-Fluorophenol (SS)	89	N/A	
Phenol-d5 (SS)	91	N/A	
Nitrobenzene-d5 (SS)	53	N/A	
2-Fluorobiphenyl (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	42	N/A	
p-Terphenyl-d14 (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0153)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0154
Laboratory No. : 21758-4
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Tests performed on sample: BAFB-0154

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value		Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.7		N/A	%
MERCURY (SW7471) (non-detect)	<0.078		0.078	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.2		5.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<65		65	mg/kg
ICP METALS (SW6010)				mg/kg
Aluminum	15300		25.9	
Barium	765		12.9	
Calcium	6270		129	
Chromium	37.4	B	3.9	
Cobalt	31.8		5.2	
Copper	70.6		3.9	
Iron	32200	B	12.9	
Magnesium	7220		129	
Manganese	3310		1.9	
Nickel	33.9		5.2	
Potassium	763		259	
Sodium	168		129	
Vanadium	127		5.2	
Zinc	64.7	B	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0154 continued on next page)

(results for BAFB-0154 continued)

Field No. : BAFB-0154
Laboratory No. : 21758-4
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/06/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.019	0.006	
Toluene	0.022	0.006	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	87	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.38 BJ	0.43	
2-Fluorophenol (SS)	70	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	40	N/A	
2-Fluorobiphenyl (SS)	48	N/A	
2,4,6-Tribromophenol (SS)	47	N/A	
p-Terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0154)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0155
Laboratory No. : 21771-5
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0155

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/39	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.1	5.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14900	25.7	
Barium	123	12.9	
Calcium	5120	129	
Chromium	6.8 B	3.9	
Cobalt	7.2	5.1	
Copper	21.9	3.9	
Iron	15400 B	12.9	
Magnesium	2540	129	
Manganese	537	1.9	
Nickel	7.7	5.1	
Sodium	518	129	
Vanadium	24.4	5.1	
Zinc	42.5 B	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0155 continued on next page)

(results for BAFB-0155 continued)

Field No. : BAFB-0155
Laboratory No. : 21771-5
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.015	0.006	
Acetone	0.035	0.013	
Toluene	0.022	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.14 BJ	0.42	
bis(2-Ethylhexyl)Phthalate	0.050 J	0.42	
2-Fluorophenol (SS)	106	N/A	
Phenol-d5 (SS)	108	N/A	
Nitrobenzene-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	
p-Terphenyl-d14 (SS)	115	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0155)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0156
Laboratory No. : 21771-6
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No : 15-C-2SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0156

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/21/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.7	4.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8670	23.3	
Barium	86.5	11.6	
Calcium	4090	116	
Chromium	14.0 B	3.5	
Cobalt	4.9	4.7	
Copper	17.5	3.5	
Iron	11600 B	11.6	
Magnesium	1620	116	
Manganese	343	1.7	
Nickel	9.8	4.7	
Sodium	558	116	
Vanadium	18.6	4.7	
Zinc	31.8 B	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0156 continued on next page)

(results for BAFB-0156 continued)

Field No. : BAFB-0156
Laboratory No. : 21771-6
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-2SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.014 B	0.006	
Acetone	0.037 B	0.012	
Toluene	0.021	0.006	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.083 J	0.38	
bis(2-Ethylhexyl)Phthalate	0.045 J	0.38	
2-Fluorophenol (SS)	97	N/A	
Phenol-d5 (SS)	99	N/A	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	
p-Terphenyl-d14 (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0156)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0145
Laboratory No. : 21739-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0145

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.3	2.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8950	23.4	
Barium	119	11.7	
Beryllium	0.59	0.59	
Calcium	2470	117	
Chromium	19.9	3.5	
Cobalt	6.4	4.7	
Copper	40.6	3.5	
Iron	23300	11.7	
Magnesium	5810	117	
Manganese	130	1.8	
Nickel	14.1	4.7	
Potassium	433	234	
Sodium	183	117	
Vanadium	72.0	4.7	
Zinc	51.3	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0145 continued on next page)

(results for BAFB-0145 continued)

Field No. : BAFB-0145
Laboratory No. : 21739-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028	0.006	
Toluene	0.11	0.006	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.28 J	0.39	
bis(2-Ethylhexyl)Phthalate	0.085 J	0.39	
2-Fluorophenol (SS)	80	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0145)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0146
Laboratory No. : 21739-3
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0146 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/04/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/19/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/09/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<2.2	2.2	mg/kg
TFH-GAS (TFH-GAS)	120	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10500	22.3	
Barium	116	11.2	
Calcium	3480	112	
Chromium	26.1	3.3	
Cobalt	19.0	4.5	
Copper	46.8	3.3	
Iron	29000	11.2	
Magnesium	5890	112	
Manganese	735	1.7	
Nickel	19.0	4.5	
Sodium	219	112	
Thallium	61.6	55.8	
Vanadium	87.8	4.5	
Zinc	58.7	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0146 continued on next page)

(results for BAFB-0146 continued)

Field No. : BAFB-0146
Laboratory No. : 21739-3
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.030	0.006	
Toluene	0.022	0.006	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.12 J	0.37	
2-Fluorophenol (SS)	76	N/A	
Phenol-d5 (SS)	82	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0146)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0147
Laboratory No. : 21740-6
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0147

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/17/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/22/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.083	0.083	mg/kg
TFH-DIESEL (TFH-DIESEL)	30	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<69	69	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	27400	27.7	
Barium	173	13.9	
Calcium	6540	139	
Chromium	62.6	4.2	
Cobalt	41.3	5.5	
Copper	79.4	4.2	
Iron	54200	13.9	
Magnesium	9970	139	
Manganese	1690	2.1	
Nickel	44.7	5.5	
Potassium	485	277	
Sodium	504	139	
Thallium	107	69.3	
Vanadium	143	5.5	
Zinc	96.1	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0147 continued on next page)

(results for BAFB-0147 continued)

Field No. : BAFB-0147
Laboratory No. : 21740-6
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.025	0.006	
Acetone	0.11	0.006	
Toluene	0.011	0.006	
1,2-Dichloroethane-d4 (SS)	72	N/A	
Toluene-d8 (SS)	77	N/A	
1,4-Bromofluorobenzene (SS)	79	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.37 BJ	0.46	
bis(2-Ethylhexyl)Phthalate	0.32 J	0.46	
2-Fluorophenol (SS)	83	N/A	
Phenol-d5 (SS)	88	N/A	
Nitrobenzene-d5 (SS)	60	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	65	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0147)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0148
Laboratory No. : 21740-7
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0148 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/17/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.0	6.0	mg/kg
TFH-GAS (TFH-GAS)	77	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12500	24.1	
Barium	55.5	12.1	
Calcium	5160	121	
Chromium	41.4	3.6	
Cobalt	14.5	4.8	
Copper	46.3	3.6	
Iron	28600	12.1	
Magnesium	5280	121	
Manganese	573	1.8	
Nickel	24.7	4.8	
Potassium	302	241	
Sodium	328	121	
Thallium	67.6	60.3	
Vanadium	70.1	4.8	
Zinc	52.8	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0148 continued on next page)

(results for BAFB-0148 continued)

Field No. : BAFB-0148
Laboratory No. : 21740-7
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.044	0.005	
Acetone	0.061	0.005	
Toluene	0.004 J	0.005	
1,2-Dichloroethane-d4 (SS)	85	N/A	
Toluene-d8 (SS)	88	N/A	
1,4-Bromofluorobenzene (SS)	86	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodiphenylamine (1)	0.057 J	0.40	
Di-n-Butylphthalate	0.29 BJ	0.40	
bis(2-Ethylhexyl)Phthalate	0.087 J	0.40	
2-Fluorophenol (SS)	84	N/A	
Phenol-d5 (SS)	84	N/A	
Nitrobenzene-d5 (SS)	63	N/A	
2-Fluorobiphenyl (SS)	61	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	
p-Terphenyl-d14 (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0148)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0149
Laboratory No. : 21740-8
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0149

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	11	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.6	5.6	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10800	22.5	
Barium	51.1	11.2	
Calcium	4090	112	
Chromium	25.6	3.4	
Cobalt	13.5	4.5	
Copper	47.3	3.4	
Iron	32700	11.2	
Magnesium	5100	112	
Manganese	489	1.7	
Nickel	13.5	4.5	
Potassium	315	225	
Sodium	335	112	
Vanadium	72.4	4.5	
Zinc	54.5	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0149 continued on next page)

Field No. : BAFB-0149
Laboratory No. : 21740-8
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.057	0.006	
Acetone	0.086	0.006	
Toluene	0.003 J	0.006	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
N-Nitrosodiphenylamine (1)	0.051 J	0.37	
Di-n-Butylphthalate	0.12 BJ	0.37	
bis(2-Ethylhexyl)Phthalate	0.11 J	0.37	
2-Fluorophenol (SS)	83	N/A	
Phenol-d5 (SS)	87	N/A	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	82	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0149)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0150
Laboratory No. : 21740-9
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Tests performed on sample: BAFB-0150

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/22/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/05/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/18/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/20/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.0	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.6	5.6	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10000	22.2	
Barium	46.9	11.1	
Calcium	4760	111	
Chromium	33.7	3.3	
Cobalt	10.0	4.4	
Copper	38.0	3.3	
Iron	25700	11.1	
Magnesium	3630	111	
Manganese	397	1.7	
Nickel	18.9	4.4	
Potassium	256	222	
Sodium	293	111	
Vanadium	76.9	4.4	
Zinc	38.8	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0150 continued on next page)

(results for BAFB-0150 continued)

Field No. : BAFB-0150
Laboratory No. : 21740-9
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-3SB
Sampling Date : 12/05/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.010	0.006	
Acetone	0.033	0.006	
Toluene	0.003 J	0.006	
1,2-Dichloroethane-d4 (SS)	106	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.29 BJ	0.37	
bis(2-Ethylhexyl)Phthalate	0.18 J	0.37	
2-Fluorophenol (SS)	77	N/A	
Phenol-d5 (SS)	82	N/A	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0150)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0157
Laboratory No. : 21774-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0157

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20	N/A	%
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.0	5.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14800	25.0	
Barium	218	12.5	
Calcium	5340	125	
Chromium	37.4 B	3.8	
Cobalt	21.3	5.0	
Copper	59.8	3.8	
Iron	26000 B	12.5	
Magnesium	7910	125	
Manganese	1030	1.9	
Nickel	30.4	5.0	
Potassium	363	250	
Sodium	188	125	
Vanadium	59.5	5.0	
Zinc	78.3 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0157 continued on next page)

(results for BAFB-0157 continued)

Field No. : BAFB-0157
Laboratory No. : 21774-2
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.023 B	0.006	
Acetone	0.036 B	0.013	
Toluene	0.038	0.006	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	49	N/A	
Phenol-d5 (SS)	70	N/A	
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	69	N/A	
2,4,6-Tribromophenol (SS)	57	N/A	
p-Terphenyl-d14 (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0157)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0158
Laboratory No. : 21774-3
Sample Depth : 9.00 - 10.50 ft. BGS
Field Replicate for BAFB-0157

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0158

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.077	0.077	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.1	5.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18700	25.6	
Barium	152	12.8	
Calcium	5690	128	
Chromium	51.3 B	3.8	
Cobalt	17.9	5.1	
Copper	61.5	3.8	
Iron	30500 B	12.8	
Magnesium	7700	128	
Manganese	592	1.9	
Nickel	39.1	5.1	
Potassium	397	256	
Sodium	229	128	
Vanadium	52.0	5.1	
Zinc	73.8 B	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0158 continued on next page)

(results for BAFB-0158 continued)

Field No. : BAFB-0158
Laboratory No. : 21774-3
Sample Depth : 9.00 - 10.50 ft. BGS
Field Replicate for BAFB-0157

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 BJ	0.006	
Acetone	0.026 B	0.013	
2-Butanone	0.008 J	0.013	
4-Methyl-2-Pentanone	0.003 J	0.013	
Toluene	0.023	0.006	
1,2-Dichloroethane-d4 (SS)	91	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	110	N/A	
2-Fluorophenol (SS)	96	N/A	
p-Terphenyl-d14 (SS)	87	N/A	
Phenol-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0158)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0159
Laboratory No. : 21774-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0159

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.7	4.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10500	23.7	
Barium	67.1	11.8	
Calcium	4070	118	
Chromium	29.9 B	3.6	
Cobalt	16.6	4.7	
Copper	49.5	3.6	
Iron	28300 B	11.8	
Magnesium	6080	118	
Manganese	646	1.8	
Nickel	29.0	4.7	
Potassium	284	237	
Sodium	159	118	
Vanadium	93.7	4.7	
Zinc	56.7 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0159 continued on next page)

(results for BAFB-0159 continued)

Field No. : BAFB-0159
Laboratory No. : 21774-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013 B	0.006	
Acetone	1.1 B	0.012	
Toluene	0.007	0.006	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	98	N/A	
2-Fluorophenol (SS)	77	N/A	
p-Terphenyl-d14 (SS)	83	N/A	
Phenol-d5 (SS)	100	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0159)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0160
Laboratory No. : 21774-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0160 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/21/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/19/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.0	5.0	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	24.8	
Barium	69.1	12.4	
Calcium	4260	124	
Chromium	35.6 B	3.7	
Cobalt	18.6	5.0	
Copper	45.8	3.7	
Iron	23800 B	12.4	
Magnesium	6340	124	
Manganese	507	1.9	
Nickel	28.0	5.0	
Potassium	408	248	
Sodium	191	124	
Vanadium	70.8	5.0	
Zinc	56.6 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0160 continued on next page)

(results for BAFB-0160 continued)

Field No. : BAFB-0160
Laboratory No. : 21774-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.014 B	0.006	
Acetone	0.40 B	0.012	
4-Methyl-2-Pentanone	0.001 J	0.012	
Toluene	0.007	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	100	N/A	
2-Fluorophenol (SS)	85	N/A	
p-Terphenyl-d14 (SS)	86	N/A	
Phenol-d5 (SS)	110	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0160)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0161
Laboratory No. : 21775-8
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Tests performed on sample: BAFB-0161

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/29/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/18/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.5	4.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11000	22.3	
Barium	25.5	11.1	
Calcium	4910	111	
Chromium	22.3	3.3	
Cobalt	10.1	4.5	
Copper	42.7	3.3	
Iron	25600	11.1	
Magnesium	4930	111	
Manganese	298	1.7	
Nickel	12.2	4.5	
Potassium	345	223	
Sodium	180	111	
Thallium	65.9	55.7	
Vanadium	87.8	4.5	
Zinc	50.6	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0161 continued on next page)

(results for BAFB-0161 continued)

Field No. : BAFB-0161
Laboratory No. : 21775-8
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/07/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 J	0.006	
Acetone	0.017	0.011	
Toluene	0.004 J	0.006	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.085 J	0.37	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	77	N/A	
Phenol-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	58	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0161)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0162
Laboratory No. : 21787-2
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0162

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.070	0.070	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.8	5.8	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8670	23.2	
Barium	48.4	11.6	
Calcium	3490	116	
Chromium	27.4	3.5	
Cobalt	17.4	4.6	
Copper	39.2	3.5	
Iron	22900	11.6	
Magnesium	6360	116	
Manganese	553	1.7	
Nickel	17.4	4.6	
Potassium	452	232	
Sodium	161	116	
Vanadium	76.2	4.6	
Zinc	51.2	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0162 continued on next page)

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(results for BAFB-0162 continued)

Field No. : BAFB-0162
Laboratory No. : 21787-2
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.073	0.006	
Toluene	0.020	0.006	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	74	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0162)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0163
Laboratory No. : 21787-3
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0163

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/10/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/19/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.1	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.2	6.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9800	24.7	
Barium	168	12.4	
Calcium	3830	124	
Chromium	26.8	3.7	
Cobalt	29.9	4.9	
Copper	43.3	3.7	
Iron	25600	12.4	
Magnesium	6280	124	
Manganese	1510	1.9	
Nickel	23.5	4.9	
Potassium	791	247	
Sodium	168	124	
Vanadium	72.4	4.9	
Zinc	59.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0163 continued on next page)

(results for BAFB-0163 continued)

Field No. : BAFB-0163
Laboratory No. : 21787-3
Sample Depth : 57.50 - 59.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-4SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.084	0.006	
Toluene	0.043	0.006	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	78	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	83	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0163)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0082
Laboratory No. : 21717-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5.
Sampling Date : 11/30/
Matrix : Soil

Tests performed on sample: BAFB-0082 Test ID	Description	Analysis Date	Report Basis	Dilution	U
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	m
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	m
TFH-GAS	TFH-Gas	12/10/88	dry	1.0	m
SW6010	ICP Metals	12/13/88	dry	1.0	m
SW8240	Volatile Organics	12/14/88	dry	1.0	m
SW8270	Semi-Volatile Organics	01/10/89	dry	1.0	m

Description	Value	Detection Limit	Unit
PERCENT MOISTURE (ASA#9)	11.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.068	0.068	mg/k
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/k
TFH-GAS (TFH-GAS) (non-detect)	<57	57	mg/k
ICP METALS (SW6010)			mg/k
Aluminum	9940	22.7	
Barium	48.6	11.3	
Calcium	4860	113	
Chromium	25.3	3.4	
Cobalt	12.5	4.5	
Copper	34.2	3.4	
Iron	24200	11.3	
Magnesium	4750	113	
Manganese	447	1.7	
Nickel	12.5	4.5	
Potassium	288	227	
Sodium	163	113	
Vanadium	70.8	4.5	
Zinc	59.5 B	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONI

(results for BAFB-0082 continued on next page)

(results for BAFB-0082 continued)

Field No. : BAFB-0082
Laboratory No. : 21717-2
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.023 B	0.005	
Acetone	0.037 B	0.005	
Toluene	0.012 B	0.005	
1,2-Dichloroethane-d4 (SS)	88	N/A	
Toluene-d8 (SS)	104	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.4 B	0.37	
2-Fluorophenol (SS)	35	N/A	
Phenol-d5 (SS)	48	N/A	
Nitrobenzene-d5 (SS)	53	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	48	N/A	
p-Terphenyl-d14 (SS)	78	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0082)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0083
Laboratory No. : 21717-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0083		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/10/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.4	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17900	23.9	
Barium	136	12.0	
Calcium	6240	120	
Chromium	40.1	3.6	
Cobalt	29.2	4.8	
Copper	64.1	3.6	
Iron	38200	12.0	
Magnesium	7690	120	
Manganese	1180	1.8	
Nickel	29.1	4.8	
Potassium	437	239	
Sodium	227	120	
Vanadium	102	4.8	
Zinc	70.1 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0083 continued on next page)

(results for BAFB-0083 continued)

Field No. : BAFB-0083
Laboratory No. : 21717-3
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.040 B	0.005	
Acetone	0.58 B	0.005	
Toluene	0.017	0.005	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.8 B	0.39	
2-Fluorophenol (SS)	43	N/A	
Phenol-d5 (SS)	58	N/A	
Nitrobenzene-d5 (SS)	68	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	107	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0083)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0084
Laboratory No. : 21717-4
Sample Depth : 30.00 - 30.70 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0084

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Mo sture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/10/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS)	69	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9450	23.0	
Barium	34.1	11.5	
Calcium	4640	115	
Chromium	19.5	3.4	
Cobalt	11.5	4.6	
Copper	33.8	3.4	
Iron	22800	11.5	
Magnesium	4550	115	
Manganese	375	1.7	
Nickel	11.5	4.6	
Potassium	274	230	
Sodium	204	115	
Vanadium	67.6	4.6	
Zinc	40.5 B	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0084 continued on next page)

(results for BAFB-0084 continued)

Field No. : BAFB-0084
Laboratory No. : 21717-4
Sample Depth : 30.00 - 30.70 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.011 B	0.005	
Acetone	0.008	0.005	
1,2-Dichloroethane-d4 (SS)	84	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.38	
2-Fluorophenol (SS)	62	N/A	
Phenol-d5 (SS)	84	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	81	N/A	
2,4,6-Tribromophenol (SS)	59	N/A	
p-Terphenyl-d14 (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0084)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0085
Laboratory No. : 21717-5
Sample Depth : 40.00 - 41.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0085		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/10/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17500	24.0	
Barium	133	12.0	
Calcium	4560	120	
Chromium	14.4	3.6	
Cobalt	21.6	4.8	
Copper	24.0	3.6	
Iron	26700	12.0	
Magnesium	3370	120	
Manganese	565	1.8	
Nickel	20.4	4.8	
Potassium	334	240	
Sodium	234	120	
Vanadium	58.4	4.8	
Zinc	52.2 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0085 continued on next page)

(results for BAFB-0085 continued)

Field No. : BAFB-0085
Laboratory No. : 21717-5
Sample Depth : 40.00 - 41.00 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.024 B	0.005	
Acetone	0.19 B	0.005	
Toluene	0.047 B	0.005	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.6 B	0.40	
2-Fluorophenol (SS)	48	N/A	
Phenol-d5 (SS)	63	N/A	
Nitrobenzene-d5 (SS)	56	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	
p-Terphenyl-d14 (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0085)

BEALE AFB SITE 15: Soil Data 1988/1989

Field No. : BAFB-0086
Laboratory No. : 21717-6
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Tests performed on sample: BAFB-0086		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/08/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/27/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/10/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/14/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/10/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.3	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12500	23.9	
Barium	92.0	11.9	
Calcium	3870	119	
Chromium	9.1	3.6	
Cobalt	10.6	4.8	
Copper	21.5	3.6	
Iron	22300	11.9	
Magnesium	2840	119	
Manganese	477	1.8	
Nickel	13.1	4.8	
Potassium	335	239	
Sodium	385	119	
Thallium	68.5	59.7	
Vanadium	42.8	4.8	
Zinc	47.7 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0086 continued on next page)

(results for BAFB-0086 continued)

Field No. : BAFB-0086
Laboratory No. : 21717-6
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 15-C-5SB
Sampling Date : 11/30/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.015 B	0.005	
Acetone	0.11 B	0.005	
Toluene	0.027 B	0.005	
1,2-Dichloroethane-d4 (SS)	85	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.39	
2-Fluorophenol (SS)	49	N/A	
Phenol-d5 (SS)	69	N/A	
Nitrobenzene-d5 (SS)	81	N/A	
2-Fluorobiphenyl (SS)	87	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	122	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0086)

SITE 15

Water Data 1st Round Sampling 1989

BEALE AFB SITE 15: Water Data 1st Round Sampling 1989

Field No. : BAFB-0515
Laboratory No. : 22871-3
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 03/30/89
Matrix : Water

Tests performed on sample: BAFB-0515 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/30/89	wet	1.0	umhos/cm
E170.1	Temperature	03/30/89	wet	1.0	degreesc
E150.1	pH	03/30/89	wet	1.0	pH
SM403	Alkalinity - Total	03/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/30/89	wet	1.0	mg/l
SM403	Bicarbonate	03/30/89	wet	1.0	mg/l
SM403	Carbonate	03/30/89	wet	1.0	mg/l
7060/7061	Arsenic	04/21/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/05/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/05/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	285	N/A	umhos/cm
TEMPERATURE (E170.1)	19.5	N/A	degrees c
pH (E150.1)	7.84	N/A	pH
ALKALINITY-TOTAL (SM403)	102.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	124.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0515 continued on next page)

(results for BAFB-0515 continued)

Field No. : BAFB-0515
Laboratory No. : 22871-3
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 03/30/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	232	3.0	mg/l
CHLORIDE (E325.3)	23.3	1.0	mg/l
FLUORIDE (E340.2)	0.34	0.050	mg/l
NITRATE + NITRITE (E353.3)	12.0	0.050	mg/l
SULFATE (E375.4)	18.1	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	16.6	1.00	
Potassium	1.20	1.00	
Magnesium	5.29	1.00	
Sodium	41.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	100	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0515 continued on next page)

(results for BAFB-0515 continued)

Field No. : BAFB-0515
Laboratory No. : 22871-3
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 03/30/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	111	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	59	N/A	
2-fluorophenol (SS)	57	N/A	
2-fluorobiphenyl (SS)	43	N/A	
nitrobenzene-d5 (SS)	40	N/A	
phenol-d5 (SS)	72	N/A	
p-terphenyl-d14 (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0515)

BEALE AFB SITE 15: Water Data 1st Round Sampling 1989

Field No. : BAFB-0514
Laboratory No. : 22871-2
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 03/30/89
Matrix : Water

Tests performed on sample: BAFB-0514 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/30/89	wet	1.0	umhos/cm
E170.1	Temperature	03/30/89	wet	1.0	degreesc
E150.1	pH	03/30/89	wet	1.0	pH
SM403	Alkalinity - Total	03/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/30/89	wet	1.0	mg/l
SM403	Bicarbonate	03/30/89	wet	1.0	mg/l
SM403	Carbonate	03/30/89	wet	1.0	mg/l
7060/7061	Arsenic	04/21/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/05/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/05/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	252	N/A	umhos/cm
TEMPERATURE (E170.1)	20.8	N/A	degrees c
pH (E150.1)	7.65	N/A	pH
ALKALINITY-TOTAL (SM403)	92.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	112.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0514 continued on next page)

(results for BAFB-0514 continued)

Field No. : BAFB-0514
Laboratory No. : 22871-2
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 03/30/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	221	3.0	mg/l
CHLORIDE (E325.3)	18.2	1.0	mg/l
FLUORIDE (E340.2)	0.31	0.050	mg/l
NITRATE + NITRITE (E353.3)	5.32	0.050	mg/l
SULFATE (E375.4)	16.7	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	24.4	1.00	
Potassium	1.30	1.00	
Magnesium	8.60	1.00	
Sodium	20.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	96	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	112	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0514 continued on next page)

(results for BAFB-0514 continued)

Field No. : BAFB-0514
Laboratory No. : 22871-2
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 03/30/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	67	N/A	
2-fluorophenol (SS)	66	N/A	
2-fluorobiphenyl (SS)	60	N/A	
nitrobenzene-d5 (SS)	59	N/A	
phenol-d5 (SS)	83	N/A	
p-terphenyl-d14 (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0514)

BEALE AFB SITE 15: Water Data 1st Round Sampling 1989

Field No. : BAFB-0512
Laboratory No. : 22871-1
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 03/30/89
Matrix : Water

Tests performed on sample: BAFB-0512 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/30/89	wet	1.0	umhos/cm
E170.1	Temperature	03/30/89	wet	1.0	degreesc
E150.1	pH	03/30/89	wet	1.0	pH
SM403	Alkalinity - Total	03/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/30/89	wet	1.0	mg/l
SM403	Bicarbonate	03/30/89	wet	1.0	mg/l
SM403	Carbonate	03/30/89	wet	1.0	mg/l
7060/7061	Arsenic	04/21/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/05/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/05/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	210	N/A	umhos/cm
TEMPERATURE (E170.1)	19.2	N/A	degrees c
pH (E150.1)	8.10	N/A	pH
ALKALINITY-TOTAL (SM403)	95.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0512 continued on next page)

(results for BAFB-0512 continued)

Field No. : BAFB-0512
Laboratory No. : 22871-1
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 03/30/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061)	0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	198	3.0	mg/l
CHLORIDE (E325.3)	15.0	1.0	mg/l
FLUORIDE (E340.2)	0.37	0.050	mg/l
NITRATE + NITRITE (E353.3)	8.0	0.050	mg/l
SULFATE (E375.4)	5.7	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	16.6	1.00	
Potassium	1.70	1.00	
Magnesium	5.52	1.00	
Sodium	23.6	1.00	
Zinc	0.032	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	89	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	89	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0512 continued on next page)

(results for BAFB-0512 continued)

Field No. : BAFB-0512
Laboratory No. : 22871-1
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 03/30/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	62	N/A	
2-fluorophenol (SS)	49	N/A	
2-fluorobiphenyl (SS)	54	N/A	
nitrobenzene-d5 (SS)	50	N/A	
phenol-d5 (SS)	68	N/A	
p-terphenyl-d14 (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0512)

BEALE AFB SITE 15: Water Data 1st Round Sampling 1989

Field No. : BAFB-0510
Laboratory No. : 22849-1
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 03/29/89
Matrix : Water

Tests performed on sample: BAFB-0510 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/29/89	wet	1.0	umhos/cm
E170.1	Temperature	03/29/89	wet	1.0	degrees
E150.1	pH	03/29/89	wet	1.0	pH
SM403	Alkalinity - Total	03/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/29/89	wet	1.0	mg/l
SM403	Bicarbonate	03/29/89	wet	1.0	mg/l
SM403	Carbonate	03/29/89	wet	1.0	mg/l
7060/7061	Arsenic	04/19/89	wet	1.0	mg/l
7420/7421	Lead	04/14/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/03/89	wet	1.0	mg/l
E325.3	Chloride	04/14/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/19/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/12/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/05/89	wet	1.0	mg/l
SW6010	ICP Metals	04/18/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/12/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/12/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	220	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	8.12	N/A	pH
ALKALINITY-TOTAL (SM403)	80.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	97.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0510 continued on next page)

(results for BAFB-0510 continued)

Field No. : BAFB-0510
Laboratory No. : 22849-1
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 03/29/89
Matrix : Water

Description	Value	Detection Limit	Units
ARSENIC (7060/7061)	0.0050	0.0050	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	208	3.0	mg/l
CHLORIDE (E325.3)	10.2	1.0	mg/l
FLUORIDE (E340.2)	0.36	0.050	mg/l
NITRATE + NITRITE (E353.3)	6.8	0.050	mg/l
SULFATE (E375.4)	4.9	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	16.1	1.00	
Potassium	1.70	1.00	
Magnesium	4.90	1.00	
Sodium	26.6	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	122	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	107	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0510 continued on next page)

(results for BAFB-0510 continued)

Field No. : BAFB-0510
Laboratory No. : 22849-1
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 03/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	71	N/A	
2-fluorophenol (SS)	80	N/A	
2-fluorobiphenyl (SS)	78	N/A	
nitrobenzene-d5 (SS)	74	N/A	
phenol-d5 (SS)	110	N/A	
p-terphenyl-d14 (SS)	97	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0510)

SITE 15

Water Data 2nd Round Sampling 1989

BEALE AFB SITE 15: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0553
Laboratory No. : 23325-4
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 05/26/89
Matrix : Water

Tests performed on sample: BAFB-0553 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/26/89	wet	1.0	umhos/cm
E170.1	Temperature	05/26/89	wet	1.0	degrees
E150.1	pH	05/26/89	wet	1 0	pH
SM403	Alkalinity - Total	05/26/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/26/89	wet	1.0	mg/l
SM403	Bicarbonate	05/26/89	wet	1.0	mg/l
SM403	Carbonate	05/26/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/01/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	295	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.69	N/A	pH
ALKALINITY-TOTAL (SM403)	94.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	244	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0553 continued on next page)

(results for BAFB-0553 continued)

Field No. : BAFB-0553
Laboratory No. : 23325-4
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	23.4		1.0	mg/l
FLUORIDE (E340.2)	0.26		0.050	mg/l
NITRATE + NITRITE (E353.3)	12.5		0.13	mg/l
SULFATE (E375.4)	22.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	16.0		1.00	
Magnesium	4.98		1.00	
Sodium	37.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	103		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(1)	1	
Trifluorotoluene (SS)	96		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0553 continued on next page)

(results for BAFB-0553 continued)

Field No. : BAFB-0553
Laboratory No. : 23325-4
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
p-Terphenyl-d14 (SS)	73	N/A	
Phenol-d5 (SS)	60	N/A	
2-Fluorophenol (SS)	50	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0553)

BEALE AFB SITE 15: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0550
Laboratory No. : 23325-1
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 05/26/89
Matrix : Water

Tests performed on sample: BAFB-0550 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/26/89	wet	1.0	umhos/cm
E170.1	Temperature	05/26/89	wet	1.0	degrees c
E150.1	pH	05/26/89	wet	1.0	pH
SM403	Alkalinity - Total	05/26/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/26/89	wet	1.0	mg/l
SM403	Bicarbonate	05/26/89	wet	1.0	mg/l
SM403	Carbonate	05/26/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/01/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	255	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.50	N/A	pH
ALKALINITY-TOTAL (SM403)	96.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	232	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0550 continued on next page)

(results for BAFB-0550 continued)

Field No. : BAFB-0550
Laboratory No. : 23325-1
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	17.7		1.0	mg/l
FLUORIDE (E340.2)	0.23		0.050	mg/l
NITRATE + NITRITE (E353.3)	5.0		0.13	mg/l
SULFATE (E375.4)	19.6		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	23.1		1.00	
Magnesium	7.79		1.00	
Manganese	0.024		0.015	
Potassium	1.30		1.00	
Sodium	18.0		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	100		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(0)	1	
Trifluorotoluene (SS)	95		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0550 continued on next page)

(results for BAFB-0550 continued)

Field No. : BAFB-0550
Laboratory No. : 23325-1
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	6 J	10	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
p-Terphenyl-d14 (SS)	69	N/A	
Phenol-d5 (SS)	76	N/A	
2-Fluorophenol (SS)	66	N/A	
2,4,6-Tribromophenol (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0550)

BEALE AFB SITE 15: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0551
Laboratory No. : 23325-2
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 05/26/89
Matrix : Water

Tests performed on sample: BAFB-0551 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/26/89	wet	1.0	umhos/cm
E170.1	Temperature	05/26/89	wet	1.0	degrees c
E150.1	pH	05/26/89	wet	1.0	pH
SM403	Alkalinity - Total	05/26/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/26/89	wet	1.0	mg/l
SM403	Bicarbonate	05/26/89	wet	1.0	mg/l
SM403	Carbonate	05/26/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/01/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/05/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/05/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	222	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	8.73	N/A	pH
ALKALINITY-TOTAL (SM403)	92.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	112.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	205	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0551 continued on next page)

(results for BAFB-0551 continued)

Field No. : BAFB-0551
Laboratory No. : 23325-2
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	13.9		1.0	mg/l
FLUORIDE (E340.2)	0.29		0.050	mg/l
NITRATE + NITRITE (E353.3)	8.5		0.13	mg/l
SULFATE (E375.4)	8.1		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	13.8		1.00	
Magnesium	4.49		1.00	
Potassium	2.40		1.00	
Sodium	22.8		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	105		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(0)	1	
Trifluorotoluene (SS)	90		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0551 continued on next page)

(results for BAFB-0551 continued)

Field No. : BAFB-0551
Laboratory No. : 23325-2
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	5 J	10	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	73	N/A	
2-Fluorophenol (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0551)

BEALE AFB SITE 15: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0552
Laboratory No. : 23325-3
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 05/26/89
Matrix : Water

Tests performed on sample: BAFB-0552 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/26/89	wet	1.0	umhos/cm
E170.1	Temperature	05/26/89	wet	1.0	degrees c
E150.1	pH	05/26/89	wet	1.0	pH
SM403	Alkalinity - Total	05/26/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/26/89	wet	1.0	mg/l
SM403	Bicarbonate	05/26/89	wet	1.0	mg/l
SM403	Carbonate	05/26/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/01/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/06/89	wet	1.0	mg/l
SW7421	Lead	06/07/89	wet	1.0	mg/l
SW7471	Mercury	06/14/89	wet	1.0	mg/l
SW7740	Selenium	06/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/02/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	05/30/89	wet	1.0	mg/l
SW6010	ICP Metals	06/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	227	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	9.33	N/A	pH
ALKALINITY-TOTAL (SM403)	94.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	208	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0552 continued on next page)

(results for BAFB-0552 continued)

Field No. : BAFB-0552
Laboratory No. : 23325-3
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	9.9		1.0	mg/l
FLUORIDE (E340.2)	0.31		0.050	mg/l
NITRATE + NITRITE (E353.3)	8.1		0.13	mg/l
SULFATE (E375.4)	8.1		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	14.0		1.00	
Magnesium	4.01		1.00	
Potassium	2.30		1.00	
Sodium	25.0		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	99		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(0)	1	
Trifluorotoluene (SS)	89		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0552 continued on next page)

(results for BAFB-0552 continued)

Field No. : BAFB-0552
Laboratory No. : 23325-3
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 05/26/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	3 J	10	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
p-Terphenyl-d14 (SS)	63	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorophenol (SS)	67	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0552)

SITE 15

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0609
Laboratory No. : 24185-4
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 08/29/89
Matrix : Water

Tests performed on sample: BAFB-0609

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/29/89	wet	1.0	umhos/cm
E170.1	Temperature	08/29/89	wet	1.0	degrees
E150.1	pH	08/29/89	wet	1.0	pH
SM403	Alkalinity - Total	08/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/29/89	wet	1.0	mg/l
SM403	Bicarbonate	08/29/89	wet	1.0	mg/l
SM403	Carbonate	08/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/16/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	288	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	8.05	N/A	pH
ALKALINITY-TOTAL (SM403)	100.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	122.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	249	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0609 continued on next page)

(results for BAFB-0609 continued)

Field No. : BAFB-0609
Laboratory No. : 24185-4
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	23.5	1.0	mg/l
FLUORIDE (E340.2)	0.23	0.10	mg/l
NITRATE + NITRITE (E353.3)	14.2	0.13	mg/l
SULFATE (E375.4)	20.3	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	7.4	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	17.2	1.00	
Magnesium	5.53	1.00	
Sodium	41.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	84	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	105	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0609 continued on next page)

(results for BAFB-0609 continued)

Field No. : BAFB-0609
Laboratory No. : 24185-4
Normal Environmental Sample

Field Log No. : 15-A-1GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	7 J	10	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	55	N/A	
2-Fluorophenol (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0609)

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0612
Laboratory No. : 24185-7
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Tests performed on sample: BAFB-0612 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/29/89	wet	1.0	umhos/cm
E170.1	Temperature	08/29/89	wet	1.0	degrees
E150.1	pH	08/29/89	wet	1.0	pH
SM403	Alkalinity - Total	08/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/29/89	wet	1.0	mg/l
SM403	Bicarbonate	08/29/89	wet	1.0	mg/l
SM403	Carbonate	08/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	260	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.98	N/A	pH
ALKALINITY-TOTAL (SM403)	94.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	114.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	252	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0612 continued on next page)

(results for BAFB-0612 continued)

Field No. : BAFB-0612
Laboratory No. : 24185-7
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	15.7	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.10	mg/l
NITRATE + NITRITE (E353.3)	5.7	0.13	mg/l
SULFATE (E375.4)	17.8	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	23.4	1.00	
Magnesium	9.14	1.00	
Potassium	1.20	1.00	
Sodium	21.5	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane	109	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	100	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0612 continued on next page)

(results for BAFB-0612 continued)

Field No. : BAFB-0612
Laboratory No. : 24185-7
Normal Environmental Sample

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 BJ	10	
bis(2-Ethylhexyl)Phthalate	8 J	10	
Nitrobenzene-d5 (SS)	98	N/A	
2-Fluorobiphenyl (SS)	92	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	68	N/A	
2-Fluorophenol (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0612)

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0613
Laboratory No. : 24185-8
Field Replicate for BAFB-0612

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Tests performed on sample: BAFB-0613

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/29/89	wet	1.0	umhos/cm
E170.1	Temperature	08/29/89	wet	1.0	degrees
E150.1	pH	08/29/89	wet	1.0	pH
SM403	Alkalinity - Total	08/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/29/89	wet	1.0	mg/l
SM403	Bicarbonate	08/29/89	wet	1.0	mg/l
SM403	Carbonate	08/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	260	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.98	N/A	pH
ALKALINITY-TOTAL (SM403)	100.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	122.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	251	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0613 continued on next page)

(results for BAFB-0613 continued)

Field No. : BAFB-0613
Laboratory No. : 24185-8
Field Replicate for BAFB-0612

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	16.8	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.10	mg/l
NITRATE + NITRITE (E353.3)	4.1	0.13	mg/l
SULFATE (E375.4)	17.3	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	24.7	1.00	
Magnesium	8.69	1.00	
Sodium	20.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	112	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	103	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0613 continued on next page)

(results for BAFB-0613 continued)

Field No. : BAFB-0613
Laboratory No. : 24185-8
Field Replicate for BAFB-0612

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	8 J	10	
Nitrobenzene-d5 (SS)	91	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	35	N/A	
2-Fluorophenol (SS)	34	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0613)

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0611
Laboratory No. : 24185-6
Equipment Wash Blank

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Tests performed on sample: BAFB-0611

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	09/01/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	24.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.93	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0611 continued on next page)

(results for BAFB-0611 continued)

Field No. : BAFB-0611
Laboratory No. : 24185-6
Equipment Wash Blank

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Description	Value		Detection Limit	Units
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	140	(150)	5	
Bromochloromethane (SS)	101		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	92		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	6 BJ		10	
bis(2-Ethylhexyl)Phthalate	23		10	
Nitrobenzene-d5 (SS)	97		N/A	
2-Fluorobiphenyl (SS)	90		N/A	
p-Terphenyl-d14 (SS)	130		N/A	
Phenol-d5 (SS)	43		N/A	
2-Fluorophenol (SS)	42		N/A	
2,4,6-Tribromophenol (SS)	84		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0611)

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0610
Laboratory No. : 24185-5
Field Blank

Field Log No. : 15-A-2GW
Sampling Date : 08/29/89
Matrix : Water

Tests performed on sample: BAFB-0610

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/07/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	140	(150)	5	
Bromochloromethane	89		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	93		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0610)

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0615
Laboratory No. : 24191-2
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 08/30/89
Matrix : Water

Tests performed on sample: BAFB-0615

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/30/89	wet	1.0	umhos/cm
E170.1	Temperature	08/30/89	wet	1.0	degrees
E150.1	pH	08/30/89	wet	1.0	pH
SM403	Alkalinity - Total	08/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/30/89	wet	1.0	mg/l
SM403	Bicarbonate	08/30/89	wet	1.0	mg/l
SM403	Carbonate	08/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/05/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	210	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	8.34	N/A	pH
ALKALINITY-TOTAL (SM403)	83.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	101.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	213	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0615 continued on next page)

(results for BAFB-0615 continued)

Field No. : BAFB-0615
Laboratory No. : 24191-2
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 08/30/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	13.4	1.0	mg/l
FLUORIDE (E340.2)	0.27	0.10	mg/l
NITRATE + NITRITE (E353.3)	9.0	0.13	mg/l
SULFATE (E375.4)	5.6	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	15.2	1.00	
Magnesium	5.30	1.00	
Potassium	1.64	1.00	
Sodium	25.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	101	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	93	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0615 continued on next page)

(results for BAFB-0615 continued)

Field No. : BAFB-0615
Laboratory No. : 24191-2
Normal Environmental Sample

Field Log No. : 15-A-3GW
Sampling Date : 08/30/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 BJ	10	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorobiphenyl (SS)	65	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	66	N/A	
2-Fluorophenol (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0615)

BEALE AFB SITE 15: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0614
Laboratory No. : 24191-1
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 08/30/89
Matrix : Water

Tests performed on sample: BAFB-0614

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/30/89	wet	1.0	umhos/cm
E170.1	Temperature	08/30/89	wet	1.0	degrees
E150.1	pH	08/30/89	wet	1.0	pH
SM403	Alkalinity - Total	08/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/30/89	wet	1.0	mg/l
SM403	Bicarbonate	08/30/89	wet	1.0	mg/l
SM403	Carbonate	08/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/05/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/11/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	215	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	8.83	N/A	pH
ALKALINITY-TOTAL (SM403)	97.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	118.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	226	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0614 continued on next page)

(results for BAFB-0614 continued)

Field No. : BAFB-0614
Laboratory No. : 24191-1
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 08/30/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	13.4	1.0	mg/l
FLUORIDE (E340.2)	0.29	0.10	mg/l
NITRATE + NITRITE (E353.3)	7.2	0.13	mg/l
SULFATE (E375.4)	10.3	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060)	0.0060	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	15.8	1.00	
Magnesium	5.10	1.00	
Potassium	2.00	1.00	
Sodium	27.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	105	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	78	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0614 continued on next page)

(results for BAFB-0614 continued)

Field No. : BAFB-0614
Laboratory No. : 24191-1
Normal Environmental Sample

Field Log No. : 15-A-4GW
Sampling Date : 08/30/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0614)

SITE 15

Water Data 4th Round Sampling 1989

BEALE AFB SITE 15: Water Data 4th Round Sampling 1989

Field No. : BAFB-0695
Laboratory No. : 24925-7
Normal Environmental Sample

Location : 15-A-1GW
Sampling Date : 11/18/89
Matrix : Water

Tests performed on sample: BAFB-0695

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/18/89	wet	1.0	umhos/cm
E170.1	Temperature	11/18/89	wet	1.0	degrees c
E150.1	pH	11/18/89	wet	1.0	pH
SM403	Alkalinity - Total	11/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/18/89	wet	1.0	mg/l
SM403	Bicarbonate	11/18/89	wet	1.0	mg/l
SM403	Carbonate	11/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	289	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	8.06	N/A	pH
ALKALINITY-TOTAL (SM403)	97.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	119.1	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	232	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0695 continued on next page)

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(results for BAFB-0695 continued)

Field No. : BAFB-0695
Laboratory No. : 24925-7
Normal Environmental Sample

Location : 15-A-1GW
Sampling Date : 11/18/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	22.9		1.0	mg/l
FLUORIDE (E340.2)	0.29		0.10	mg/l
NITRATE + NITRITE (E353.3)	10.5		0.13	mg/l
SULFATE (E375.4)	15.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	17.4		1.00	
Magnesium	5.40		1.00	
Molybdenum	0.0400		0.0400	
Potassium	1.11		1.00	
Sodium	41.2		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	119		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(1)	1	
Trifluorotoluene (SS)	69		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0695 continued on next page)

(results for BAFB-0695 continued)

Field No. : BAFB-0695
Laboratory No. : 24925-7
Normal Environmental Sample

Location : 15-A-1GW
Sampling Date : 11/18/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
bis(2-Ethylhexyl)Phthalate	9 J	10	
Nitrobenzene-d5 (SS)	33	N/A	
2-Fluorobiphenyl (SS)	40	N/A	
p-Terphenyl-d14 (SS)	60	N/A	
Phenol-d5 (SS)	23	N/A	
2-Fluorophenol (SS)	22	N/A	
2,4,6-Tribromophenol (SS)	18	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0695)

site15w4.jl

BEALE AFB SITE 15: Water Data 4th Round Sampling 1989

Field No. : BAFB-0694
Laboratory No. : 24925-6
Normal Environmental Sample

Location : 15-A-2GW
Sampling Date : 11/18/89
Matrix : Water

Tests performed on sample: BAFB-0694 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/18/89	wet	1.0	umhos/cm
E170.1	Temperature	11/18/89	wet	1.0	degrees c
E150.1	pH	11/18/89	wet	1.0	pH
SM403	Alkalinity - Total	11/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/18/89	wet	1.0	mg/l
SM403	Bicarbonate	11/18/89	wet	1.0	mg/l
SM403	Carbonate	11/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.80	N/A	pH
ALKALINITY-TOTAL (SM403)	93.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	113.7	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES
(results for BAFB-0694 continued on next page)

site15w4.jl

(results for BAFB-0694 continued)

Field No. : BAFB-0694
Laboratory No. : 24925-6
Normal Environmental Sample

Location : 15-A-2GW
Sampling Date : 11/18/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	242	3.0	mg/l
CHLORIDE (E325.3)	17.0	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.10	mg/l
NITRATE + NITRITE (E353.3)	4.4	0.13	mg/l
SULFATE (E375.4)	17.4	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	26.1	1.00	
Magnesium	8.67	1.00	
Potassium	1.33	1.00	
Sodium	20.6	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	106	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	101	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES

(results for BAFB-0694 continued on next page)

(results for BAFB-0694 continued)

Field No. : BAFB-0694
Laboratory No. : 24925-6
Normal Environmental Sample

Location : 15-A-2GW
Sampling Date : 11/18/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)Phthalate	5 J	10	
Nitrobenzene-d5 (SS)	37	N/A	
2-Fluorobiphenyl (SS)	39	N/A	
p-Terphenyl-d14 (SS)	47	N/A	
Phenol-d5 (SS)	23	N/A	
2-Fluorophenol (SS)	21	N/A	
2,4,6-Tribromophenol (SS)	18	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0694)

BEALE AFB SITE 15: Water Data 4th Round Sampling 1989

Field No. : BAFB-0697
Laboratory No. : 24925-9
Normal Environmental Sample

Location : 15-A-3GW
Sampling Date : 11/19/89
Matrix : Water

Tests performed on sample: BAFB-0697

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/19/89	wet	1.0	umhos/cm
E170.1	Temperature	11/19/89	wet	1.0	degrees c
E150.1	pH	11/19/89	wet	1.0	pH
SM403	Alkalinity - Total	11/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/19/89	wet	1.0	mg/l
SM403	Bicarbonate	11/19/89	wet	1.0	mg/l
SM403	Carbonate	11/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/07/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	215	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	8.50	N/A	pH
ALKALINITY-TOTAL (SM403)	94.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.7	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0697 continued on next page)

site15w4.jl

(results for BAFB-0697 continued)

Field No. : BAFB-0697
Laboratory No. : 24925-9
Normal Environmental Sample

Location : 15-A-3GW
Sampling Date : 11/19/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	189	3.0	mg/l
CHLORIDE (E325.3)	13.1	1.0	mg/l
FLUORIDE (E340.2)	0.32	0.10	mg/l
NITRATE + NITRITE (E353.3)	8.2	0.13	mg/l
SULFATE (E375.4)	3.3	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	14.7	1.00	
Magnesium	4.90	1.00	
Potassium	1.91	1.00	
Sodium	25.8	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	119	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	56	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0697 continued on next page)

(results for BAFB-0697 continued)

Field No. : BAFB-0697
Laboratory No. : 24925-9
Normal Environmental Sample

Location : 15-A-3GW
Sampling Date : 11/19/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	8 J	10	
bis(2-Ethylhexyl)Phthalate	9 J	10	
Nitrobenzene-d5 (SS)	15	N/A	
2-Fluorobiphenyl (SS)	22	N/A	
p-Terphenyl-d14 (SS)	36	N/A	
Phenol-d5 (SS)	18	N/A	
2-Fluorophenol (SS)	19	N/A	
2,4,6-Tribromophenol (SS)	10	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0697)

site15w4.jl

BEALE AFB SITE 15: Water Data Round Sampling 1989

Field No. : BAFB-0700
Laboratory No. : 24939-1
Normal Environmental Sample

Location : 15-A-4GW
Sampling Date : 11/20/89
Matrix : Water

Tests performed on sample: BAFB-0700

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/20/89	wet	1.0	umhos/cm
E170.1	Temperature	11/20/89	wet	1.0	degrees c
E150.1	pH	11/20/89	wet	1.0	pH
SM403	Alkalinity - Total	11/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/20/89	wet	1.0	mg/l
SM403	Bicarbonate	11/20/89	wet	1.0	mg/l
SM403	Carbonate	11/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/22/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/14/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	8.69	N/A	pH
ALKALINITY-TOTAL (SM403)	96.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	118.1	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0700 continued on next page)

site15w4.jl

(results for BAFB-0700 continued)

Field No. : BAFB-0700
Laboratory No. : 24939-1
Normal Environmental Sample

Location : 15-A-4GW
Sampling Date : 11/20/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	178		3.0	mg/l
CHLORIDE (E325.3)	9.6		1.0	mg/l
FLUORIDE (E340.2)	0.32		0.10	mg/l
NITRATE + NITRITE (E353.3)	2.4		0.13	mg/l
SULFATE (E375.4)	4.8		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.090		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	14.9		1.00	
Magnesium	4.75		1.00	
Potassium	1.96		1.00	
Sodium	27.0		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane	103		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(1)	1	
Trifluorotoluene (SS)	89		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0700 continued on next page)

(results for BAFB-0700 continued)

Field No. : BAFB-0700
Laboratory No. : 24939-1
Normal Environmental Sample

Location : 15-A-4GW
Sampling Date : 11/20/89
Matrix : Water

Description	Value		Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	12	B	10	
N-Nitrosodiphenylamine (1)	10	B	10	
Di-n-Butylphthalate	9	BJ	10	
Nitrobenzene-d5 (SS)	78		N/A	
2-Fluorobiphenyl (SS)	79		N/A	
p-Terphenyl-d14 (SS)	99		N/A	
Phenol-d5 (SS)	61		N/A	
2-Fluorophenol (SS)	58		N/A	
2,4,6-Tribromophenol (SS)	54		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0700)

site15w4.jl

SITE 15

Air and Landfill Gas Analyses

Environmental Analytical Service, Inc.

3576 EMPLEO ST. SUITE 5 SAN LUIS OBISPO, CALIFORNIA 93401 (805) 541-3666

FIXED GAS ANALYSIS

Client:CH2M Hill
Sample #:15-C-IAAS
Lab #: 90875

Sample Date:5-15-89
Date Anal: 5-18-89

Component	Sample Concentration Percent by Volume
Hydrogen	1.13
Nitrogen	78.0
Oxygen	20.92
Methane	0.00
Carbon Monoxide	0.00
Carbon Dioxide	.0
Total	100.1

Environmental Analytical Service, Inc.

3576 EMPLEO ST. SUITE 5 SAN LUIS OBISPO, CALIFORNIA 93401 (805) 541-3666

AMBIENT AIR ANALYSIS REPORT

CH2M Hill
Sample #:15-C-IAAS
Sample # 90875
Can # Bags

Date Sampled: 5-15-89
Date Analyzed: 5-18-89
Analyst: Vivian Smith

Compound	MDL ppbv	Concentration ppbv	Concentration ug/m3
Vinyl Chloride	2.00	not detected	not detected
Dichloromethane	1.00	3.0	10
Chloroform	0.80	not detected	not detected
1,1,1-Trichloroethane	0.50	not detected	not detected
1,2-Dichloroethane	0.20	1.1	4.5
Benzene	2.00	2.4	7.8
Carbon Tetrachloride	0.20	0.22	1.4
Trichloroethene	0.60	2.5	13
Tetrachloroethene	0.20	0.84	5.7
1,2-Dibromoethane	0.50	not detected	not detected

Environmental Analytical Service, Inc.

3576 EMPLEO ST. SUITE 5 SAN LUIS OBISPO, CALIFORNIA 93401 (805) 541-3666

FIXED GAS ANALYSIS

Client: CH2M Hill
Sample: 15-C-15VW
Lab #: 90805

Sample Date: 5-11-89
Date Anal: 5-15-89

Component	Sample Concentration Percent by Volume
Hydrogen	0.63
Nitrogen	52.1
Oxygen	1.78
Methane	16.16
Carbon Monoxide	<0.05
Carbon Dioxide	8.6
Total	79.2

Environmental Analytical Service, Inc.

3576 EMPLEO ST. SUITE 5 SAN LUIS OBISPO, CALIFORNIA 93401 (805) 541-3666

LANDFILL GAS ANALYSIS REPORT

CH2M Hill
Sample # 15-C-15VW
Lab #: 90805
Can # Bag

Date Sampled: 5-11-89
Date Analyzed: 5-12-89
Analyst: Vivian Smith

Compound	MDL ppbv	Concentration ppbv	Concentration ug/m3
Vinyl Chloride	500	not detected	not detected
Dichloroethane	60	4500	16000
Chloroform	2	not detected	not detected
1,1,1-Trichloroethane	10	68	370
1,2-Dichloroethane	20	100	400
Benzene	500	not detected	not detected
Carbon Tetrachloride	5	not detected	not detected
Trichloroethene	10	880	4700
Tetrachloroethene	10	830	5600
1,2-Dibromoethane	1	not detected	not detected

SITE15GAS.FRI

SITE 16

Soil Analyses

BEALE AFB SITE 16: Soil Data 1988/1989

Field No. : BAFB-0076
Laboratory No. : 21676-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 16-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0076 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/06/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/06/89	dry	1.0	mg/kg
USA4B	Explosives	01/03/89	dry	0.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.071	0.071	mg/kg
TFH-DIESEL (TFH-DIESEL)	7.1	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12000	23.7	
Barium	179	11.9	
Calcium	2890	119	
Chromium	57.4	3.6	
Cobalt	21.4	4.7	
Copper	125	3.6	
Iron	37000	11.9	
Lead	527	23.7	
Magnesium	6410	119	
Manganese	1490	1.8	
Nickel	51.8	4.7	
Potassium	1540	237	
Sodium	248	119	
Vanadium	92.6	4.7	
Zinc	610 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0076 continued on next page)

(results for BAFB-0076 continued)

Field No. : BAFB-0076
Laboratory No. : 21676-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 16-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007	0.006	
Toluene	0.002 J	0.006	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.1 B	0.39	
Di-n-Butylphthalate	0.40	0.39	
bis(2-Ethylhexyl)Phthalate	0.25 J	0.39	
2-Fluorophenol (SS)	68	N/A	
Phenol-d5 (SS)	89	N/A	
Nitrobenzene-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	79	N/A	
2,4,6-Tribromophenol (SS)	69	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
EXPLOSIVES (USA4B)			mg/kg
(non-detect)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0076)

BEALE AFB SITE 16: Soil Data 1988/1989

Field No. : BAFB-0077
Laboratory No. : 21676-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 16-C-2SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0077

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/06/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/07/89	dry	1.0	mg/kg
USA4B	Explosives	01/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24	N/A	%
MERCURY (SW7471) (non-detect)	<0.079	0.079	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8660	26.3	
Barium	438	13.2	
Calcium	2450	132	
Chromium	31.8	3.9	
Cobalt	18.4	5.3	
Copper	137	3.9	
Iron	26100	13.2	
Lead	117	26.3	
Magnesium	4530	132	
Manganese	508	2.0	
Nickel	14.5	5.3	
Potassium	1170	263	
Sodium	212	132	
Vanadium	87.1	5.3	
Zinc	242 B	2.6	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.007	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0077 continued on next page)

(results for BAFB-0077 continued)

Field No. : BAFB-0077
Laboratory No. : 21676-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 16-C-2SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.43	
Di-n-Butylphthalate	0.32 J	0.43	
2-Fluorophenol (SS)	68	N/A	
Phenol-d5 (SS)	85	N/A	
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorobiphenyl (SS)	87	N/A	
2,4,6-Tribromophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
EXPLOSIVES (USA4B)			mg/kg
(non-detect)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0077)

BEALE AFB SITE 16: Soil Data 1988/1989

Field No. : BAFB-0078
Laboratory No. : 21677-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 16-C-3SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0078

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/07/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/07/89	dry	1.0	mg/kg
USA4B	Explosives	01/03/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.081	0.081	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15000	27.0	
Barium	217	13.5	
Cadmium	1.3	1.3	
Calcium	4080	135	
Chromium	16.2	4.0	
Cobalt	24.3	5.4	
Copper	135	4.0	
Iron	37400	13.5	
Lead	71.7	27.0	
Magnesium	10500	135	
Manganese	668	2.0	
Nickel	13.5	5.4	
Potassium	2430	270	
Sodium	255	135	
Thallium	113	67.5	
Vanadium	121	5.4	
Zinc	233 B	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0078 continued on next page)

(results for BAFB-0078 continued)

Field No. : BAFB-0078
Laboratory No. : 21677-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 16-C-3SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.008	0.007	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.9 B	0.45	
Di-n-Butylphthalate	0.32 J	0.45	
2-Fluorophenol (SS)	57	N/A	
Phenol-d5 (SS)	71	N/A	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
EXPLOSIVES (USA4B)			mg/kg
(non-detect)			

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0078)

SITE 16

Water Data 1st Round Sampling 1989

BEALE AFB SITE 16: Water Data 1st Round Sampling 1989

Field No. : BAFB-0490
Laboratory No. : 22683-1
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 03/14/89
Matrix : Water

Tests performed on sample: BAFB-0490 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/14/89	wet	1.0	umhos/cm
E170.1	Temperature	03/14/89	wet	1.0	degrees c
E150.1	pH	03/14/89	wet	1.0	pH
SM403	Alkalinity - Total	03/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/14/89	wet	1.0	mg/l
SM403	Bicarbonate	03/14/89	wet	1.0	mg/l
SM403	Carbonate	03/14/89	wet	1.0	mg/l
7060/7061	Arsenic	03/30/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/20/89	wet	1.0	mg/l
E325.3	Chloride	04/06/89	wet	1.0	mg/l
E340.2	Fluoride	03/30/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	04/03/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/04/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/16/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/28/89	wet	1.0	ug/l
USATHMA	Explosives	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	20.2	N/A	degrees c
pH (E150.1)	7.18	N/A	pH
ALKALINITY-TOTAL (SM403)	104.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	127.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0490 continued on next page)

(results for BAFB-0490 continued)

Field No. : BAFB-0490
Laboratory No. : 22683-1
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 03/14/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	216	3.0	mg/l
CHLORIDE (E325.3)	12.5	1.0	mg/l
FLUORIDE (E340.2)	0.11	0.050	mg/l
NITRATE + NITRITE (E353.3)	12.0	0.050	mg/l
SULFATE (E375.4)	12.9	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	26.3	1.00	
Magnesium	12.2	1.00	
Sodium	11.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	116	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0490 continued on next page)

(results for BAFB-0490 continued)

Field No. : BAFB-0490
Laboratory No. : 22683-1
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 03/14/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	79	N/A	
2-fluorophenol (SS)	88	N/A	
2-fluorobiphenyl (SS)	88	N/A	
nitrobenzene-d5 (SS)	91	N/A	
phenol-d5 (SS)	75	N/A	
p-terphenyl-d14 (SS)	94	N/A	
EXPLOSIVES (USATHAMA)	(Resampled for this analysis. See BAFB-0527)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0490)

BEALE AFB SITE 16: Water Data 1st Round Sampling 1989

Field No. : BAFB-0527
Laboratory No. : 22683-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 16-C-1GW
Sampling Date : 03/14/89
Matrix : Water

Tests performed on sample: BAFB-0490 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
USATHAMA	Explosives	05/22/89	wet	1.0	mg/kg

Description	Value	Limit	Units
EXPLOSIVES (USATHAMA) (non-detect)			mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0527)

SITE 16

Water Data 2nd Round Sampling 1989

BEALE AFB SITE 16: Water Data 2nd Round Sampling

Field No. : BAFB-0577
Laboratory No. : 23442-2
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 06/07/89
Matrix : Water

Tests performed on sample: BAFB-0577

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/07/89	wet	1.0	umhos/cm
E170.1	Temperature	06/07/89	wet	1.0	degrees c
E150.1	pH	06/07/89	wet	1.0	pH
SM403	Alkalinity - Total	06/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/07/89	wet	1.0	mg/l
SM403	Bicarbonate	06/07/89	wet	1.0	mg/l
SM403	Carbonate	06/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l
USATHAMA	Explosives	07/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.78	N/A	pH
ALKALINITY-TOTAL (SM403)	96.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.1	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0577 continued on next page)

(results for BAFB-0577 continued)

Field No. : BAFB-0577
Laboratory No. : 23442-2
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 06/07/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	233	3.0	mg/l
CHLORIDE (E325.3)	12.4	1.0	mg/l
FLUORIDE (E340.2)	0.12	0.050	mg/l
NITRATE + NITRITE (E353.3)	13.3	0.13	mg/l
SULFATE (E375.4)	15.7	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	25.6	1.00	
Magnesium	11.9	1.00	
Sodium	11.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	101	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0577 continued on next page)

(results for BAFB-0577 continued)

Field No. : BAFB-0577
Laboratory No. : 23442-2
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 06/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	6 J	10	
Nitrobenzene-d5 (SS)	66	N/A	
2-Fluorobiphenyl (SS)	68	N/A	
p-Terphenyl-d14 (SS)	94	N/A	
Phenol-d5 (SS)	54	N/A	
2-Fluorophenol (SS)	58	N/A	
2,4,6-Tribromophenol (SS)	150	N/A	
EXPLOSIVES (USATHAMA)			ug/l
(non-detect)			
Picric Acid	<10	10	
TNT	<10	10	
RDX	<20	20	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0577)

SITE 16

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 16: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0656
Laboratory No. : 24372-1
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 09/19/89
Matrix : Water

Tests performed on sample: BAFB-0656 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/19/89	wet	1.0	umhos/cm
E170.1	Temperature	09/19/89	wet	1.0	degrees c
E150.1	pH	09/19/89	wet	1.0	pH
SM403	Alkalinity - Total	09/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/19/89	wet	1.0	mg/l
SM403	Bicarbonate	09/19/89	wet	1.0	mg/l
SM403	Carbonate	09/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/13/89	wet	1.0	mg/l
SW7060	Arsenic	10/07/89	wet	1.0	mg/l
SW7421	Lead	10/06/89	wet	1.0	mg/l
SW7471	Mercury	10/04/89	wet	1.0	mg/l
SW7740	Selenium	10/07/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/27/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/06/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	10/03/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	10/03/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/11/89	wet	1.0	ug/l
USATHAMA	Explosives	10/17/89	wet	10.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.86	N/A	pH
ALKALINITY-TOTAL (SM403)	104.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	126.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	250	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0656 continued on next page)

(results for BAFB-0656 continued)

Field No. : BAFB-0656
Laboratory No. : 24372-1
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	13.0	1.0	mg/l
FLUORIDE (E340.2)	0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	14.8	0.13	mg/l
SULFATE (E375.4)	13.0	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0100	0.0100	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	26.5	1.00	
Magnesium	12.0	1.00	
Sodium	10.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	92	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	103	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0656 continued on next page)

(results for BAFB-0656 continued)

Field No. : BAFB-0656
Laboratory No. : 24372-1
Normal Environmental Sample

Field Log No. : 16-C-1GW
Sampling Date : 09/19/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	26 B	10	
Nitrobenzene-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	84	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	47	N/A	
2-Fluorophenol (SS)	55	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	
EXPLOSIVES (USATHAMA)			ug/l
(non-detect)			
Picric Acid	<10	10	
TNT	<10	10	
RDX	(Analysis not performed for this sample)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0656)

SITE 16

Water Data 4th Round Sampling 1989

BEALE AFB SITE 16: Water Data 4th Round Sampling 1989

Field No. : BAFB-0690
Laboratory No. : 24925-2
Normal Environmental Sample

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Tests performed on sample: BAFB-0690

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/17/89	wet	1.0	umhos/cm
E170.1	Temperature	11/17/89	wet	1.0	degrees c
E150.1	pH	11/17/89	wet	1.0	pH
SM403	Alkalinity - Total	11/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/17/89	wet	1.0	mg/l
SM403	Bicarbonate	11/17/89	wet	1.0	mg/l
SM403	Carbonate	11/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7060	Arsenic	11/28/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/06/89	wet	1.0	ug/l
USGS01	Explosives	11/30/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	255	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.94	N/A	pH
ALKALINITY-TOTAL (SM403)	98.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	119.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0690 continued on next page)

(results for BAFB-0690 continued)

Field No. : BAFB-0690
Laboratory No. : 24925-2
Normal Environmental Sample

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	234	3.0	mg/l
CHLORIDE (E325.3)	13.0	1.0	mg/l
FLUORIDE (E340.2)	0.12	0.10	mg/l
NITRATE + NITRITE (E353.3)	14.0	0.13	mg/l
SULFATE (E375.4)	11.1	1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.080	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	26.7	1.00	
Magnesium	11.5	1.00	
Potassium	1.12	1.00	
Sodium	10.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	110	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	100	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0690 continued on next page)

(results for BAFB-0690 continued)

Field No. : BAFB-0690
Laboratory No. : 24925-2
Normal Environmental Sample

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	6 J	10	
Nitrobenzene-d5 (SS)	40	N/A	
2-Fluorobiphenyl (SS)	41	N/A	
p-Terphenyl-d14 (SS)	54	N/A	
Phenol-d5 (SS)	28	N/A	
2-Fluorophenol (SS)	27	N/A	
2,4,6-Tribromophenol (SS)	18	N/A	
EXPLOSIVES (USGS01)			ug/l
TNT	0.2 J	0.8	
RDX	1	0.6	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0690)

BEALE AFB SITE 16: Water Data 4th Round Sampling 1989

Field No. : BAFB-0691
Laboratory No. : 24925-3
Field Replicate

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Tests performed on sample: BAFB-0691 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/17/89	wet	1.0	umhos/cm
E170.1	Temperature	11/17/89	wet	1.0	degrees c
E150.1	pH	11/17/89	wet	1.0	pH
SM403	Alkalinity - Total	11/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/17/89	wet	1.0	mg/l
SM403	Bicarbonate	11/17/89	wet	1.0	mg/l
SM403	Carbonate	11/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	255	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.94	N/A	pH
ALKALINITY-TOTAL (SM403)	98.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	119.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0691 continued on next page)

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(results for BAFB-0691 continued)

Field No. : BAFB-0691
Laboratory No. : 24925-3
Field Replicate

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	216		3.0	mg/l
CHLORIDE (E325.3)	12.4		1.0	mg/l
FLUORIDE (E340.2)	0.14		0.10	mg/l
NITRATE + NITRITE (E353.3)	10.2		0.13	mg/l
SULFATE (E375.4)	12.0		1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	27.6		1.00	
Magnesium	12.0		1.00	
Sodium	10.3		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	121		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(0)	1	
Trifluorotoluene (SS)	93		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0691 continued on next page)

(results for BAFB-0691 continued)

Field No. : BAFB-0691
Laboratory No. : 24925-3
Field Replicate

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	50	N/A	
2-Fluorophenol (SS)	49	N/A	
2,4,6-Tribromophenol (SS)	38	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0691)

BEALE AFB SITE 16: Water Data 4th Round Sampling 1989

Field No. : BAFB-0692
Laboratory No. : 24925-4
Equipment Wash Blank

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Tests performed on sample: BAFB-0692 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SM403	Alkalinity - Total	11/17/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/17/89	wet	1.0	mg/l
SM403	Bicarbonate	11/17/89	wet	1.0	mg/l
SM403	Carbonate	11/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/06/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
ALKALINITY-TOTAL (SM403)	6.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	7.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	13.0	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0692 continued on next page)

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(results for BAFB-0692 continued)

Field No. : BAFB-0692
Laboratory No. : 24925-4
Equipment Wash Blank

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3) (non-detect)	<1.0		1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050		0.050	mg/l
NITRATE + NITRITE (E353.3) (non-detect)	<0.050		0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0		1.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010) (non-detect)				mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	11	(13)	5	
Trichlorofluoromethane	4	(6)	1	
Bromochloromethane (SS)	122		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	90		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0692 continued on next page)

(results for BAFB-0692 continued)

Field No. : BAFB-0692
Laboratory No. : 24925-4
Equipment Wash Blank

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	15	10	
Nitrobenzene-d5 (SS)	31	N/A	
2-Fluorobiphenyl (SS)	35	N/A	
p-Terphenyl-d14 (SS)	48	N/A	
Phenol-d5 (SS)	14	N/A	
2-Fluorophenol (SS)	13	N/A	
2,4,6-Tribromophenol (SS)	17	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0692)

BEALE AFB SITE 16: Water Data 4th Round Sampling 1989

Field No. : BAFB-0693
Laboratory No. : 24925-5
Ambient Condition Blank

Location : 16-C-1GW
Sampling Date : 11/17/89
Matrix : Water

Tests performed on sample: BAFB-0693 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	12/01/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/01/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichlorofluoromethane	2	(1)	1	
Bromochloromethane (SS)	123		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	128		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0693)

SITE 18

Soil Analyses

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0001
Laboratory No. : 21582-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SS
Sampling Date : 11/16/88
Matrix : Soil

Tests performed on sample: BAFB-0001		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	11/29/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/23/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/26/88	dry	1300.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	17000	1.2	mg/kg
TFH-GAS (TFH-GAS)	7800	1.2	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13500	23.6	
Barium	177	11.8	
Calcium	1930	118	
Chromium	163	3.5	
Cobalt	9.5	4.7	
Copper	28.6	3.5	
Iron	27800	11.8	
Lead	137	23.6	
Magnesium	8790	118	
Manganese	236	1.8	
Nickel	88.4	4.7	
Potassium	508	236	
Sodium	226	118	
Vanadium	52.0	4.7	
Zinc	78.1 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0001 continued on next page)

(results for BAFB-0001 continued)

Field No. : BAFB-0001
Laboratory No. : 21582-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SS
Sampling Date : 11/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	7.2 BJ	7.4	
Acetone	7.7 BJ	15	
Toluene	20	7.4	
Ethylbenzene	21	7.4	
Xylenes (total)	160	7.4	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	141	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0001)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0002
Laboratory No. : 21582-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SS
Sampling Date : 11/16/88
Matrix : Soil

Tests performed on sample: BAFB-0002 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	11/29/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/23/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/18/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	5600	1.2	mg/kg
TFH-GAS (TFH-GAS)	140	1.2	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7810	24.0	
Barium	106	12.0	
Calcium	707	120	
Chromium	35.2	3.6	
Copper	18.0	3.6	
Iron	18300	12.0	
Lead	40.4	24.0	
Magnesium	2320	120	
Manganese	109	1.8	
Nickel	18.0	4.8	
Potassium	407	240	
Sodium	170	120	
Vanadium	55.1	4.8	
Zinc	52.9 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0002 continued on next page)

(results for BAFB-0002 continued)

Field No. : BAFB-0002
Laboratory No. : 21582-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SS
Sampling Date : 11/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.18 B	0.030	
Acetone	0.10 B	0.060	
Toluene	0.59	0.030	
Ethylbenzene	0.044	0.030	
Xylenes (total)	0.113	0.030	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	108	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0002)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0003
Laboratory No. : 215820-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SS
Sampling Date : 11/16/88
Matrix : Soil

Tests performed on sample: BAFB-0003

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	11/29/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/23/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/26/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12	N/A	%
TFH-DIESEL (TFH-DIESEL)	11000	1.1	mg/kg
TFH-GAS (TFH-GAS)	1100	1.1	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10700	22.7	
Barium	110	11.4	
Calcium	2240	114	
Chromium	44.2	3.4	
Cobalt	10.1	4.5	
Copper	22.8	3.4	
Iron	21000	11.4	
Lead	148	22.7	
Magnesium	2910	114	
Manganese	54.5	1.7	
Nickel	18.2	4.5	
Potassium	443	227	
Sodium	142	114	
Vanadium	55.1	4.5	
Zinc	118 B	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0003 continued on next page)

(results for BAFB-0003 continued)

Field No. : BAFB-0003
Laboratory No. : 215820-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SS
Sampling Date : 11/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.6 B	1.5	
Toluene	3.0	1.5	
Chlorobenzene	5.6	1.5	
Ethylbenzene	5.0	1.5	
Xylenes (total)	68	1.5	
1,2-Dichloroethane-d4 (SS)	113	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	137	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0003)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0004
Laboratory No. : 21582-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-4SS
Sampling Date : 11/16/88
Matrix : Soil

Tests performed on sample: BAFB-0004		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	11/29/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/23/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/29/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/18/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	2400	1.2	mg/kg
TFH-GAS (TFH-GAS)	17	1.2	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11800	24.4	
Barium	100	12.2	
Calcium	2070	122	
Chromium	34.7	3.7	
Cobalt	9.5	4.9	
Copper	22.2	3.7	
Iron	21000	12.2	
Magnesium	2100	122	
Manganese	11200	1.8	
Nickel	17.1	4.9	
Potassium	379	244	
Sodium	153	122	
Vanadium	63.4	4.9	
Zinc	63.1 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0004 continued on next page)

(results for BAFB-0004 continued)

Field No. : BAFB-0004
Laboratory No. : 21582-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-4SS
Sampling Date : 11/16/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032 B	0.006	
Acetone	0.032 B	0.012	
Toluene	0.12	0.006	
Ethylbenzene	0.055	0.006	
Xylenes (total)	0.54	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	106	N/A	
1,4-Bromofluorobenzene (SS)	107	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0004)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0005
Laboratory No. : 21621-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-5SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0005

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/26/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	10000	1.2	mg/kg
TFH-GAS (TFH-GAS)	2600	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10200	23.9	
Barium	107	11.9	
Calcium	2100	119	
Chromium	254	3.6	
Cobalt	17.9	4.8	
Copper	21.5	3.6	
Iron	24700	11.9	
Lead	209	23.9	
Magnesium	10700	119	
Manganese	282	1.8	
Nickel	733	4.8	
Potassium	274	239	
Sodium	171	119	
Vanadium	52.0	4.8	
Zinc	103	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0005 continued on next page)

(results for BAFB-0005 continued)

Field No. : BAFB-0005
Laboratory No. : 21621-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-5SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.70 BJ	0.75	
Acetone	0.79 BJ	1.6	
Toluene	2.0	0.75	
Styrene	0.57 J	0.75	
1,2-Dichloroethane-d4 (SS)	82	N/A	
Toluene-d8 (SS)	109	N/A	
1,4-Bromofluorobenzene (SS)	161	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0005)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0006
Laboratory No. : 21621-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-6SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0006

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/26/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	31	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<71	71	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8630	23.8	
Barium	125	11.9	
Calcium	1810	119	
Chromium	28.7	3.6	
Cobalt	13.1	4.8	
Copper	20.2	3.6	
Iron	19500	11.9	
Magnesium	1810	119	
Manganese	492	1.8	
Nickel	11.9	4.8	
Potassium	428	238	
Sodium	266	119	
Vanadium	57.4	4.8	
Zinc	29.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0006 continued on next page)

(results for BAFB-0006 continued)

Field No. : BAFB-0006
Laboratory No. : 21621-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-6SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.67 BJ	0.75	
Acetone	2.0 B	1.5	
2-Butanone	2.0	1.5	
4-Methyl-2-Pentanone	0.88 J	1.5	
2-Hexanone	1.2 J	1.5	
Toluene	0.55 J	0.75	
Ethylbenzene	0.43 J	0.75	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	132	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0006)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0007
Laboratory No. : 21621-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-7SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0007

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/26/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	9.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	5600	1.1	mg/kg
TFH-GAS (TFH-GAS)	4400	55	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	4710	22.1	
Barium	40.1	11.1	
Calcium	701	111	
Chromium	31.3	3.3	
Cobalt	14.4	4.4	
Copper	14.4	3.3	
Iron	12500	11.1	
Lead	53.5	22.1	
Magnesium	1830	111	
Manganese	60.9	1.7	
Nickel	1060	4.4	
Sodium	151	111	
Vanadium	23.7	4.4	
Zinc	114	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0007 continued on next page)

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(results for BAFB-0007 continued)

Field No. : BAFB-0007
Laboratory No. : 21621-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-7SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	4.9 BJ	7.0	
Acetone	8.9 BJ	14	
Toluene	28	7.0	
Chlorobenzene	11	7.0	
Ethylbenzene	25	7.0	
Xylenes (total)	89	7.0	
1,2-Dichloroethane-d4 (SS)	90	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0007)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0008
Laboratory No. : 21621-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-8SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0008

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/26/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	350	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<250	250	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14800	25.3	
Barium	67.6	12.6	
Calcium	1390	126	
Chromium	33.2	3.8	
Cobalt	6.3	5.1	
Copper	24.0	3.8	
Iron	28300	12.6	
Magnesium	3250	126	
Manganese	196	1.9	
Nickel	19.0	5.1	
Sodium	147	126	
Vanadium	73.7	5.1	
Zinc	41.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0008 continued on next page)

(results for BAFB-0008 continued)

Field No. : BAFB-0008
Laboratory No. : 21621-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-8SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.83 B	0.80	
Acetone	1.1 BJ	1.6	
1,2-Dichloroethane-d4 (SS)	84	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	104	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0008)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0009
Laboratory No. : 21621-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-9SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0009

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/28/88	dry	250.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	39000	1.2	mg/kg
TFH-GAS (TFH-GAS)	1300	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6470	23.2	
Barium	96.2	11.6	
Calcium	1750	116	
Chromium	372	3.5	
Cobalt	17.4	4.6	
Copper	19.7	3.5	
Iron	21300	11.6	
Lead	348	23.2	
Magnesium	13300	116	
Manganese	673	1.7	
Nickel	172	4.6	
Potassium	626	232	
Sodium	150	116	
Vanadium	46.2	4.6	
Zinc	119	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0009 continued on next page)

(results for BAFB-0009 continued)

Field No. : BAFB-0009
Laboratory No. : 21621-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-9SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.84 J	1.5	
1,2-Dichloroethane-d4 (SS)	83	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0009)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0010
Laboratory No. : 21621-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-10SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0010

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/28/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16	N/A	%
TFH-DIESEL (TFH-DIESEL)	39	1.2	mg/kg
TFH-GAS (TFH-GAS)	370	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5880	23.8	
Barium	101	11.9	
Calcium	1140	119	
Chromium	24.4	3.6	
Cobalt	13.1	4.8	
Copper	16.7	3.6	
Iron	16000	11.9	
Magnesium	1390	119	
Manganese	520	1.8	
Nickel	8.6	4.8	
Potassium	524	238	
Vanadium	49.5	4.8	
Zinc	23.8	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0010 continued on next page)

(results for BAFB-0010 continued)

Field No. : BAFB-0010
Laboratory No. : 21621-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-10SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.60 J	0.75	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	109	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0010)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0011
Laboratory No. : 21621-7
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0010

Field Log No. : 18-C-10SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0011

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/29/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	24	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<71	71	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7120	23.6	
Beryllium	122	11.9	
Calcium	1310	118	
Chromium	25.3	3.5	
Cobalt	16.5	4.7	
Copper	17.7	3.5	
Iron	17100	11.8	
Magnesium	1430	118	
Manganese	694	1.8	
Nickel	17.7	4.7	
Potassium	496	236	
Vanadium	52.5	4.7	
Zinc	25.1	2.4	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.71 BJ	0.74	
1,2-Dichloroethane-d4 (SS)	76	N/A	
Toluene-d8 (SS)	119	N/A	
1,4-Bromofluorobenzene (SS)	153	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0011)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0012
Laboratory No. : 21621-8
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-11SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0012

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/28/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	930	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6700	23.6	
Barium	93.6	11.8	
Calcium	1720	118	
Chromium	27.2	3.5	
Cobalt	11.1	4.7	
Copper	16.5	3.5	
Iron	17700	11.8	
Magnesium	2020	118	
Manganese	426	1.8	
Nickel	10.7	4.7	
Potassium	542	236	
Sodium	158	118	
Vanadium	55.4	4.7	
Zinc	34.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0012 continued on next page)

(results for BAFB-0012 continued)

Field No. : BAFB-0012
Laboratory No. : 21621-8
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-11SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.42 BJ	0.74	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0012)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0013
Laboratory No. : 21621-9
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-12SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0013

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/29/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<64	64	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10500	25.6	
Barium	98.6	12.8	
Calcium	1840	128	
Chromium	30.3	3.8	
Cobalt	14.1	5.1	
Copper	20.5	3.8	
Iron	23500	12.8	
Magnesium	2430	128	
Manganese	519	1.9	
Nickel	14.1	5.1	
Potassium	512	256	
Sodium	166	128	
Vanadium	67.5	5.1	
Zinc	32.4	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0013 continued on next page)

(results for BAFB-0013 continued)

Field No. : BAFB-0013
Laboratory No. : 21621-9
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-12SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.84 B	0.81	
Toluene	0.50 J	0.81	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	104	N/A	
1,4-Bromofluorobenzene (SS)	124	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0013)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0014
Laboratory No. : 21621-10
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-13SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0014

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/28/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.6	N/A	%
TFH-DIESEL (TFH-DIESEL)	5000	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<65	65	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6520	25.8	
Barium	97.5	12.9	
Calcium	1280	129	
Chromium	24.5	3.9	
Cobalt	11.4	5.2	
Copper	15.5	3.9	
Iron	14300	12.9	
Magnesium	1560	129	
Manganese	384	1.9	
Nickel	11.6	5.2	
Potassium	375	258	
Sodium	138	129	
Vanadium	43.2	5.2	
Zinc	29.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0014 continued on next page)

(results for BAFB-0014 continued)

Field No. : BAFB-0014
Laboratory No. : 21621-10
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-13SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
1,2-Dichloroethane-d4 (SS)	70	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0014)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0015
Laboratory No. : 21621-11
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-14SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0015

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/28/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<76	76	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	1770	25.3	
Barium	177	12.6	
Calcium	2460	126	
Chromium	36.4	3.8	
Cobalt	13.9	5.1	
Copper	25.3	3.8	
Iron	26900	12.6	
Magnesium	4390	126	
Manganese	280	1.9	
Nickel	25.3	5.1	
Potassium	606	253	
Sodium	229	126	
Vanadium	60.5	5.1	
Zinc	44.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0015 continued on next page)

(results for BAFB-0015 continued)

Field No. : BAFB-0015
Laboratory No. : 21621-11
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-14SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
1,2-Dichloroethane-d4 (SS)	76	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0015)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0016
Laboratory No. : 21621-12
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-15SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0016

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/28/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	8600	1.1	mg/kg
TFH-GAS (TFH-GAS)	1800	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	4610	22.4	
Barium	66.6	11.2	
Calcium	1060	112	
Chromium	20.2	3.4	
Cobalt	7.2	4.5	
Copper	12.3	3.4	
Iron	11800	11.2	
Magnesium	1050	112	
Manganese	287	1.7	
Nickel	7.1	4.5	
Potassium	348	224	
Vanadium	37.7	4.5	
Zinc	18.0	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0016 continued on next page)

(results for BAFB-0016 continued)

Field No. : BAFB-0016
Laboratory No. : 21621-12
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-15SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.38 BJ	0.71	
Toluene	1.7	0.71	
1,2-Dichloroethane-d4 (SS)	77	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	123	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0016)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0017
Laboratory No. : 21621-13
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-16SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0017 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	110	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5170	24.5	
Barium	54.3	12.2	
Calcium	1200	122	
Chromium	20.8	3.7	
Cobalt	6.1	4.9	
Copper	11.5	3.7	
Iron	12400	12.2	
Magnesium	1070	122	
Manganese	169	1.8	
Nickel	6.9	4.9	
Potassium	330	245	
Vanadium	41.1	4.9	
Zinc	22.0	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0017 continued on next page)

(results for BAFB-0017 continued)

Field No. : BAFB-0017
Laboratory No. : 21621-13
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-16SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.2 B	0.77	
Toluene	0.18 J	0.77	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	130	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0017)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0018
Laboratory No. : 21621-14
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-17SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0018

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	11/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	3400	1.2	mg/kg
TFH-GAS (TFH-GAS)	770	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13200	24.9	
Barium	195	12.5	
Calcium	3250	125	
Chromium	32.4	3.7	
Cobalt	11.8	5.0	
Copper	26.9	3.7	
Iron	25200	12.5	
Magnesium	4090	125	
Manganese	294	1.9	
Nickel	24.9	5.0	
Potassium	274	249	
Sodium	214	125	
Vanadium	62.5	5.0	
Zinc	44.1	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0018 continued on next page)

(results for BAFB-0018 continued)

Field No. : BAFB-0018
Laboratory No. : 21621-14
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-17SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.0 B	0.79	
Toluene	0.30 J	0.79	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	130	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0018)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0019
Laboratory No. : 21621-15
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-18SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0019

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS)	140	65	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16100	26.0	
Barium	165	13.0	
Calcium	2220	130	
Chromium	40.5	3.9	
Cobalt	16.9	5.2	
Copper	23.4	3.9	
Iron	24800	13.0	
Magnesium	3340	130	
Manganese	448	1.9	
Nickel	20.8	5.2	
Potassium	623	260	
Sodium	179	130	
Vanadium	58.1	5.2	
Zinc	39.5	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0019 continued on next page)

(results for BAFB-0019 continued)

Field No. : BAFB-0019
Laboratory No. : 21621-15
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-18SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.7 B	0.82	
Toluene-d8 (SS)	88	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0019)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0020
Laboratory No. : 21621-16
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-19SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0020

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	6200	1.2	mg/kg
TFH-GAS (TFH-GAS)	5500	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12100	24.9	
Barium	131	12.5	
Calcium	3750	125	
Chromium	31.0	3.7	
Cobalt	12.5	5.0	
Copper	27.6	3.7	
Iron	23600	12.5	
Magnesium	3980	125	
Manganese	476	1.9	
Nickel	25.2	5.0	
Potassium	411	249	
Sodium	201	125	
Vanadium	54.2	5.0	
Zinc	46.1	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0020 continued on next page)

(results for BAFB-0020 continued)

Field No. : BAFB-0020
Laboratory No. : 21621-16
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-19SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.6 B	0.79	
Toluene-d8 (SS)	89	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0020)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0021
Laboratory No. : 21621-17
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-20SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0021

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<240	240	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6460	24.1	
Barium	90.3	12.0	
Calcium	1340	120	
Chromium	25.5	3.6	
Cobalt	8.9	4.8	
Copper	24.1	3.6	
Iron	15500	12.0	
Magnesium	1700	120	
Manganese	253	1.8	
Nickel	11.4	4.8	
Potassium	349	241	
Vanadium	52.1	4.8	
Zinc	21.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0021 continued on next page)

(results for BAFB-0021 continued)

Field No. : BAFB-0021
Laboratory No. : 21621-17
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-20SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.8 B	0.76	
Toluene	0.81	0.76	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0021)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0022
Laboratory No. : 21621-18
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0021

Field Log No. : 18-C-20SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0022

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<240	240	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9390	23.8	
Barium	98.7	11.9	
Calcium	1700	119	
Chromium	35.2	3.6	
Cobalt	11.4	4.8	
Copper	20.2	3.6	
Iron	18100	11.9	
Magnesium	1790	119	
Manganese	307	1.8	
Nickel	11.9	4.8	
Potassium	512	238	
Vanadium	55.5	4.8	
Zinc	25.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0022 continued on next page)

(results for BAFB-0022 continued)

Field No. : BAFB-0022
Laboratory No. : 21621-18
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0021

Field Log No. : 18-C-20SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.1 B	0.75	
Toluene	0.23 J	0.75	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0022)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0024
Laboratory No. : 21621-20
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-21SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0024

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	5800	1.3	mg/kg
TFH-GAS (TFH-GAS)	4300	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13000	25.3	
Barium	126	12.6	
Calcium	2410	126	
Chromium	31.4	3.8	
Cobalt	6.4	5.1	
Copper	32.2	3.8	
Iron	23500	12.6	
Magnesium	3240	126	
Manganese	190	1.9	
Nickel	17.7	5.1	
Potassium	607	253	
Sodium	204	126	
Vanadium	64.2	5.1	
Zinc	37.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0024 continued on next page)

(results for BAFB-0024 continued)

Field No. : BAFB-0024
Laboratory No. : 21621-20
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-21SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.5 B	0.80	
Toluene	4.3	0.80	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0024)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0025
Laboratory No. : 21621-21
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-22SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0025

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.3	N/A	%
TFH-DIESEL (TFH-DIESEL)	27	1.2	mg/kg
TFH-GAS (TFH-GAS)	60	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7200	23.9	
Barium	73.0	11.9	
Calcium	1520	119	
Chromium	22.7	3.6	
Cobalt	9.9	4.8	
Copper	14.3	3.6	
Iron	14800	11.9	
Magnesium	1430	119	
Manganese	296	1.8	
Nickel	9.4	4.8	
Potassium	454	239	
Sodium	134	119	
Vanadium	45.5	4.8	
Zinc	20.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0025 continued on next page)

(results for BAFB-0025 continued)

Field No. : BAFB-0025
Laboratory No. : 21621-21
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-22SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.4 B	0.75	
Toluene	0.55 J	0.75	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	93	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0025)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0026
Laboratory No. : 21621-22
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-23SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0026

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19	N/A	%
TFH-DIESEL (TFH-DIESEL)	5900	1.2	mg/kg
TFH-GAS (TFH-GAS)	4300	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14600	24.7	
Barium	162	12.3	
Calcium	1840	123	
Chromium	45.2	3.7	
Cobalt	8.5	4.9	
Copper	30.7	3.7	
Iron	24600	12.3	
Lead	138	24.7	
Magnesium	3720	123	
Manganese	227	1.9	
Nickel	80.1	4.9	
Potassium	642	247	
Sodium	174	123	
Vanadium	60.9	4.9	
Zinc	56.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0026 continued on next page)

(results for BAFB-0026 continued)

Field No. : BAFB-0026
Laboratory No. : 21621-22
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-23SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.1 B	0.78	
Toluene	9.3	0.78	
Ethylbenzene	9.4	0.78	
Xylenes (total)	49	0.78	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0026)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0027
Laboratory No. : 21621-23
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-24SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0027

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	19	1.3	mg/kg
TFH-GAS (TFH-GAS)	300	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12900	25.1	
Barium	98.0	12.6	
Calcium	2760	126	
Chromium	32.3	3.8	
Cobalt	12.6	5.0	
Copper	27.6	3.8	
Iron	26900	12.6	
Magnesium	3680	126	
Manganese	387	1.9	
Nickel	17.6	5.0	
Potassium	465	251	
Sodium	187	126	
Vanadium	78.3	5.0	
Zinc	40.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0027 continued on next page)

(results for BAFB-0027 continued)

Field No. : BAFB-0027
Laboratory No. : 21621-23
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-24SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.6 B	0.79	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0027)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0028
Laboratory No. : 21621-24
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-25SS
Sampling Date : 11/17/88
Matrix : Soil

Tests performed on sample: BAFB-0028

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/29/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	11/28/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/23/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	12	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6660	24.8	
Barium	82.2	12.4	
Calcium	1510	124	
Chromium	28.1	3.7	
Cobalt	8.7	5.0	
Copper	14.9	3.7	
Iron	14700	12.4	
Magnesium	1710	124	
Manganese	213	1.9	
Nickel	11.5	5.0	
Potassium	384	248	
Vanadium	42.7	5.0	
Zinc	55.8	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0028 continued on next page)

(results for BAFB-0028 continued)

Field No. : BAFB-0028
Laboratory No. : 21621-24
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-25SS
Sampling Date : 11/17/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	3.1 B	0.78	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0028)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0040
Laboratory No. : 21645-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-26SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0040		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/02/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/29/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9990	24.4	
Barium	65.0	12.2	
Calcium	2650	122	
Chromium	26.6	3.7	
Cobalt	6.6	4.9	
Copper	19.5	3.7	
Iron	15300	12.2	
Magnesium	4750	122	
Manganese	189	1.8	
Nickel	28.2	4.9	
Potassium	757	244	
Sodium	171	122	
Vanadium	30.0	4.9	
Zinc	44.2 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0040 continued on next page)

(results for BAFB-0040 continued)

Field No. : BAFB-0040
Laboratory No. : 21645-1
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-26SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.85 B	0.77	
1,2-Dichloroethane-d4 (SS)	103	N/A	
Toluene-d8 (SS)	111	N/A	
1,4-Bromofluorobenzene (SS)	111	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0040)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0041
Laboratory No. : 21645-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-27SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0041

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/14/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/29/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	510	1.1	mg/kg
TFH-GAS (TFH-GAS)	56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8490	22.3	
Barium	95.8	11.2	
Calcium	2770	112	
Chromium	27.3	3.4	
Cobalt	7.9	4.5	
Copper	17.9	3.4	
Iron	15600	11.2	
Magnesium	3390	112	
Manganese	270	1.7	
Nickel	21.2	4.5	
Potassium	547	223	
Sodium	165	112	
Vanadium	33.1	4.5	
Zinc	35.3 B	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0041 continued on next page)

(results for BAFB-0041 continued)

Field No. : BAFB-0041
Laboratory No. : 21645-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-27SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.78 B	0.70	
Acetone	0.82 BJ	1.5	
1,2-Dichloroethane-d4 (SS)	90	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	138	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0041)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0042
Laboratory No. : 21645-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-28SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0042		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/14/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/29/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	150	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12700	24.8	
Barium	188	12.4	
Calcium	3700	124	
Chromium	30.1	3.7	
Cobalt	11.2	5.0	
Copper	26.8	3.7	
Iron	20900	12.4	
Magnesium	3520	124	
Manganese	327	1.9	
Nickel	19.9	5.0	
Potassium	497	248	
Sodium	175	124	
Vanadium	56.9	5.0	
Zinc	76.4 B	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0042 continued on next page)

(results for BAFB-0042 continued)

Field No. : BAFB-0042
Laboratory No. : 21645-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-28SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.75 BJ	0.78	
Acetone	0.91 BJ	1.6	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0042)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0043
Laboratory No. : 21645-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-29SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0043 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/14/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/09/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/29/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17	N/A	%
TFH-DIESEL (TFH-DIESEL)	6300	1.2	mg/kg
TFH-GAS (TFH-GAS)	100	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12800	24.1	
Barium	205	12.0	
Calcium	3480	120	
Chromium	42.9	3.6	
Cobalt	11.3	4.8	
Copper	30.8	3.6	
Iron	20600	12.0	
Lead	129	24.1	
Magnesium	3470	120	
Manganese	389	1.8	
Nickel	25.1	4.8	
Potassium	446	241	
Sodium	224	120	
Vanadium	55.2	4.8	
Zinc	140 B	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0043 continued on next page)

(results for BAFB-0043 continued)

Field No. : BAFB-0043
Laboratory No. : 21645-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-29SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.48 BJ	0.76	
Ethylbenzene	1.7	0.76	
Xylenes (total)	4.7	0.76	
1,2-Dichloroethane-d4 (SS)	91	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	125	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0043)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0044
Laboratory No. : 21656-1
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0043

Field Log No. : 18-C-29SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0044

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/17/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/01/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	8200	1.2	mg/kg
TFH-GAS (TFH-GAS)	150	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10600	24.8	
Barium	215	12.4	
Calcium	3360	124	
Chromium	54.3	3.7	
Cobalt	12.3	5.0	
Copper	29.2	3.7	
Iron	18400	12.4	
Lead	237	24.8	
Magnesium	3190	124	
Manganese	470	1.9	
Nickel	23.6	5.0	
Potassium	471	248	
Sodium	216	124	
Vanadium	56.2	5.0	
Zinc	179	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0044 continued on next page)

(results for BAFB-0044 continued)

Field No. : BAFB-0044
Laboratory No. : 21656-1
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0043

Field Log No. : 18-C-29SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.63 BJ	0.78	
Ethylbenzene	1.1	0.78	
Xylenes (total)	3.1	0.78	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	101	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0044)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0046
Laboratory No. : 21656-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-30SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0046		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/17/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/01/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	690	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<59	59	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9630	23.7	
Barium	184	11.9	
Calcium	3610	119	
Chromium	23.8	3.6	
Cobalt	9.4	4.7	
Copper	24.9	3.6	
Iron	17700	11.9	
Lead	29.4	23.7	
Magnesium	3190	119	
Manganese	295	1.8	
Nickel	21.6	4.7	
Potassium	356	237	
Sodium	187	119	
Vanadium	47.3	4.7	
Zinc	70.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0046 continued on next page)

(results for BAFB-0046 continued)

Field No. : BAFB-0046
Laboratory No. : 21656-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-30SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.51 BJ	0.75	
Toluene	0.47 J	0.75	
1,2-Dichloroethane-d4 (SS)	70	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0046)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0047
Laboratory No. : 21656-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-31SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0047

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/17/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/01/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<58	58	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7600	23.1	
Barium	129	11.5	
Calcium	1670	115	
Chromium	28.0	3.5	
Cobalt	11.2	4.6	
Copper	15.0	3.5	
Iron	17600	11.5	
Magnesium	2040	115	
Manganese	288	1.7	
Nickel	11.4	4.6	
Potassium	415	231	
Sodium	123	115	
Vanadium	56.1	4.6	
Zinc	41.6	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0047 continued on next page)

(results for BAFB-0047 continued)

Field No. : BAFB-0047
Laboratory No. : 21656-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-31SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.48 BJ	0.73	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0047)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0048
Laboratory No. : 21656-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-32SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0048

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/17/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/01/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.2	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<110	110	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9900	22.8	
Barium	139	11.4	
Beryllium	0.57	0.57	
Calcium	1920	114	
Chromium	34.4	3.4	
Cobalt	26.0	4.6	
Copper	18.2	3.4	
Iron	22300	11.4	
Magnesium	2690	114	
Manganese	760	1.7	
Nickel	13.7	4.6	
Potassium	809	228	
Sodium	134	114	
Vanadium	62.2	4.6	
Zinc	38.5	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0048 continued on next page)

(results for BAFB-0048 continued)

Field No. : BAFB-0048
Laboratory No. : 21656-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-32SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.62 BJ	0.72	
1,2-Dichloroethane-d4 (SS)	81	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0048)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0049
Laboratory No. : 21656-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-33SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0049		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/17/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/01/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	11	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9540	22.5	
Barium	130	11.2	
Calcium	2040	112	
Chromium	34.2	3.4	
Cobalt	12.4	4.5	
Copper	16.9	3.4	
Iron	19600	11.2	
Magnesium	2180	112	
Manganese	347	1.7	
Nickel	13.5	4.5	
Potassium	629	225	
Sodium	142	112	
Vanadium	57.8	4.5	
Zinc	37.3	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0049 continued on next page)

(results for BAFB-0049 continued)

Field No. : BAFB-0049
Laboratory No. : 21656-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-33SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.48 BJ	0.71	
1,2-Dichloroethane-d4 (SS)	76	N/A	
Toluene-d8 (SS)	91	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0049)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0050
Laboratory No. : 21654-1
Sample Depth : 0.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-34SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0050

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/15/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/05/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/30/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	1300	1.2	mg/kg
TFH-GAS (TFH-GAS)	230	60	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11500	24.0	
Barium	156	12.0	
Calcium	2340	120	
Chromium	31.7	3.6	
Cobalt	10.9	4.8	
Copper	35.0	3.6	
Iron	20900	12.0	
Lead	40.7	24.0	
Magnesium	3380	120	
Manganese	236	1.8	
Nickel	18.0	4.8	
Potassium	493	240	
Sodium	178	120	
Vanadium	59.4	4.8	
Zinc	78.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0050 continued next page)

(results for BAFB-0050 continued)

Field No. : BAFB-0050
Laboratory No. : 21654-1
Sample Depth : 0.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-34SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.6 B	0.76	
1,2-Dichloroethane-d4 (SS)	74	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0050)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0051
Laboratory No. : 21654-2
Sample Depth : 0.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-35SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0051

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/15/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/30/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	45	1.3	mg/kg
TFH-GAS (TFH-GAS)	390	66	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14800	26.3	
Barium	150	13.1	
Calcium	4340	131	
Chromium	33.8	3.9	
Cobalt	18.4	5.3	
Copper	40.6	3.9	
Iron	28900	13.1	
Magnesium	6080	131	
Manganese	746	2.0	
Nickel	25.0	5.3	
Potassium	473	263	
Sodium	194	131	
Vanadium	77.3	5.3	
Zinc	75.8	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0051 continued on next page)

(results for BAFB-0051 continued)

Field No. : BAFB-0051
Laboratory No. : 21654-2
Sample Depth : 0.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-35SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.7 B	0.83	
Toluene	1.3	0.83	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0051)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0052
Laboratory No. : 21654-3
Sample Depth : 0.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-36SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0052

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/15/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/05/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/30/88	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.6	N/A	%
TFH-DIESEL (TFH-DIESEL)	18	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11000	24.3	
Barium	153	12.1	
Calcium	2730	121	
Chromium	39.6	3.6	
Cobalt	13.3	4.9	
Copper	37.4	3.6	
Iron	20400	12.1	
Lead	189	24.3	
Magnesium	3560	121	
Manganese	385	1.8	
Nickel	19.4	4.9	
Potassium	607	243	
Sodium	203	121	
Vanadium	56.3	4.9	
Zinc	316	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0052 continued on next page)

(results for BAFB-0052 continued)

Field No. : BAFB-0052
Laboratory No. : 21654-3
Sample Depth : 0.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-36SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.5 B	0.76	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0052)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0353
Laboratory No. : 21979-2
Sample Depth : 1.50 - 3.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0353

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/26/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/05/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	11.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	3300	1.1	mg/kg
TFH-GAS (TFH-GAS)	530	11	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5700	22.7	
Barium	92.3	11.4	
Calcium	1230	114	
Chromium	23.5	3.4	
Cobalt	12.5	4.5	
Copper	18.2	3.4	
Iron	16100	11.4	
Magnesium	1930	114	
Manganese	353	1.7	
Nickel	7.8	4.5	
Potassium	318	227	
Sodium	115	114	
Vanadium	51.2	4.5	
Zinc	24.4	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0353 continued on next page)

(results for BAFB-0353 continued)

Field No. : BAFB-0353
Laboratory No. : 21979-2
Sample Depth : 1.50 - 3.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.082 B	0.028	
Acetone	0.15	0.057	
Chloroform	0.022 J	0.028	
4-Methyl-2-Pentanone	0.16	0.057	
Toluene	0.039	0.028	
Chlorobenzene	0.091	0.028	
Ethylbenzene	0.41	0.028	
Xylenes (total)	1.61	0.028	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0353)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0354
Laboratory No. : 21979-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0354

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/11/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24	N/A	%
TFH-DIESEL (TFH-DIESEL)	10000	1.3	mg/kg
TFH-GAS (TFH-GAS)	630	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13800	26.3	
Barium	239	13.2	
Calcium	3370	132	
Chromium	26.3	3.9	
Cobalt	13.2	5.3	
Copper	41.4	3.9	
Iron	23400	13.2	
Magnesium	4630	132	
Manganese	479	2.0	
Nickel	27.8	5.3	
Potassium	395	263	
Sodium	313	132	
Vanadium	58.9	5.3	
Zinc	53.9	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0354 continued on next page)

(results for BAFB-0354 continued)

Field No. : BAFB-0354
Laboratory No. : 21979-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	10.5 B	6.6	
Acetone	16	13	
4-Methyl-2-Pentanone	21	13	
Ethylbenzene	67	6.6	
Xylenes (total)	280	13	
1,2-Dichloroethane-d4 (SS)	101	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	102	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0354)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0355
Laboratory No. : 21979-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0355

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/05/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17000	27.0	
Barium	177	13.5	
Calcium	3990	135	
Chromium	30.4	4.0	
Cobalt	13.5	5.4	
Copper	53.8	4.0	
Iron	30400	13.5	
Magnesium	5780	135	
Manganese	9.3	2.0	
Nickel	27.8	5.4	
Potassium	931	270	
Sodium	316	135	
Vanadium	81.9	5.4	
Zinc	66.5	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0355 continued on next page)

(results for BAFB-0355 continued)

Field No. : BAFB-0355
Laboratory No. : 21979-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.036	0.007	
Acetone	0.023 B	0.013	
Chloroform	0.005 J	0.007	
2-Butanone	0.008 BJ	0.013	
Toluene	0.020	0.007	
1,2-Dichloroethane-d4 (SS)	104	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	103	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0355)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0356
Laboratory No. : 21979-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0355

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0356

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/05/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	28.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	1200	1.4	mg/kg
TFH-GAS (TFH-GAS)	670	14	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	25800	27.9	
Barium	233	14.0	
Calcium	5730	140	
Chromium	39.4	4.2	
Cobalt	22.3	5.6	
Copper	53.8	4.2	
Iron	36000	14.0	
Lead	37.7	27.9	
Magnesium	8510	140	
Manganese	1150	2.1	
Nickel	43.4	5.6	
Potassium	1190	279	
Sodium	363	140	
Vanadium	88.5	5.6	
Zinc	79.6	2.8	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0356 continued on next page)

(results for BAFB-0356 continued)

Field No. : BAFB-0356
Laboratory No. : 21979-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0355

Field Log No. : 18-C-1SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.024	0.007	
Acetone	0.018 B	0.014	
Chloroform	0.006 J	0.007	
Toluene	0.052	0.007	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0356)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0357
Laboratory No. : 21979-6
Sample Depth : 1.50 - 3.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0357

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/06/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/25/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/11/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	11.7	N/A	%
TFH-DIESEL (TFH-DIESEL)	11000	1.1	mg/kg
TFH-GAS (TFH-GAS)	1000	11	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9830	22.7	
Barium	169	11.3	
Calcium	2220	113	
Chromium	34.0	3.4	
Cobalt	9.4	4.5	
Copper	29.4	3.4	
Iron	21400	11.3	
Magnesium	2930	113	
Manganese	274	1.7	
Nickel	18.1	4.5	
Potassium	442	227	
Sodium	127	113	
Vanadium	61.7	4.5	
Zinc	36.2	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0357 continued on next page)

(results for BAFB-0357 continued)

Field No. : BAFB-0357
Laboratory No. : 21979-6
Sample Depth : 1.50 - 3.00 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.058 B	0.028	
Acetone	0.19	0.057	
2-Butanone	0.093	0.057	
1,2-Dichloroethane-d4 (SS)	101	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	103	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0357)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0358
Laboratory No. : 21979-7
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0358

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/25/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/11/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12	N/A	%
TFH-DIESEL (TFH-DIESEL)	450	1.1	mg/kg
TFH-GAS (TFH-GAS)	25	11	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	5260	22.7	
Barium	86.1	11.4	
Calcium	1190	114	
Chromium	27.2	3.4	
Cobalt	10.9	4.5	
Copper	26.1	3.4	
Iron	15700	11.4	
Magnesium	1350	114	
Manganese	520	1.7	
Nickel	9.0	4.5	
Potassium	466	227	
Sodium	105	114	
Vanadium	52.6	4.5	
Zinc	24.8	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0358 continued on next page)

(results for BAFB-0358 continued)

Field No. : BAFB-0358
Laboratory No. : 21979-7
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.057 B	0.028	
Acetone	0.077	0.057	
Toluene	0.025 J	0.028	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0358)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0359
Laboratory No. : 21979-8
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0359

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/25/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/12/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	12000	1.2	mg/kg
TFH-GAS (TFH-GAS)	1200	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13100	24.8	
Barium	163	12.4	
Calcium	2710	124	
Chromium	31.7	3.7	
Cobalt	8.4	5.0	
Copper	35.9	3.7	
Iron	25700	12.4	
Magnesium	3970	124	
Manganese	349	1.9	
Nickel	19.8	5.0	
Potassium	470	248	
Sodium	193	124	
Vanadium	69.4	5.0	
Zinc	44.6	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0359 continued on next page)

(results for BAFB-0359 continued)

Field No. : BAFB-0359
Laboratory No. : 21979-8
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-2SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	14 B	3.1	
Acetone	10	6.2	
Carbon Disulfide	2.2 J	3.1	
trans-1,2,-Dichloroethene	12	3.1	
Trichloroethene	26	3.1	
Benzene	4.1	3.1	
Ethylbenzene	17	3.1	
Xylenes (total)	17	3.1	
1,2-Dichloroethane-d4 (SS)	100	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0359)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0360
Laboratory No. : 21979-9
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0360

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/25/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/12/89	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.1	N/A	%
TFH-DIESEL (TFH-DIESEL)	52000	1.1	mg/kg
TFH-GAS (TFH-GAS)	1500	11	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7820	22.8	
Barium	158	11.4	
Calcium	1990	114	
Chromium	27.4	3.4	
Cobalt	9.6	4.6	
Copper	22.8	3.4	
Iron	17700	11.4	
Magnesium	2450	114	
Manganese	307	1.7	
Nickel	14.8	4.6	
Potassium	375	228	
Sodium	108	114	
Vanadium	57.1	4.6	
Zinc	30.0	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0360 continued on next page)

(results for BAFB-0360 continued)

Field No. : BAFB-0360
Laboratory No. : 21979-9
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	4.8 B	0.72	
Acetone	3.4	1.5	
Carbon Disulfide	0.50 J	0.72	
2-Butanone	0.84 J	1.5	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	106	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0360)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0361
Laboratory No. : 21979-10
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0361

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/25/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/12/89	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	4700	1.3	mg/kg
TFH-GAS (TFH-GAS)	850	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11200	25.4	
Barium	302	12.7	
Beryllium	0.76	0.64	
Calcium	3220	127	
Chromium	22.9	3.8	
Cobalt	16.5	5.1	
Copper	32.7	3.8	
Iron	18100	12.7	
Magnesium	4490	127	
Manganese	211	1.9	
Nickel	29.3	5.1	
Sodium	172	127	
Vanadium	51.9	5.1	
Zinc	39.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0361 continued on next page)

(results for BAFB-0361 continued)

Field No. : BAFB-0361
Laboratory No. : 21979-10
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	4.2 B	0.80	
Acetone	3.7	1.7	
Carbon Disulfide	0.48 J	0.80	
2-Butanone	1.1 J	1.7	
Trichloroethene	2.2	0.80	
Toluene	0.43 J	0.80	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	106	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0361)

BEALE AFB SITE 18: Soil Data 1988/1989

Field No. : BAFB-0362
Laboratory No. : 21979-11
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SB
Sampling Date : 01/03/89
Matrix : Soil

Tests performed on sample: BAFB-0362

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/24/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/07/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/07/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/25/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/11/89	dry	125.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	35000	1.3	mg/kg
TFH-GAS (TFH-GAS)	490	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15500	25.8	
Barium	325	12.9	
Calcium	3380	129	
Chromium	30.2	3.9	
Cobalt	21.9	5.2	
Copper	52.4	3.9	
Iron	32000	12.9	
Magnesium	5210	129	
Manganese	1170	1.9	
Nickel	37.9	5.2	
Sodium	226	129	
Vanadium	92.6	5.2	
Zinc	54.8	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0362 continued on next page)

(results for BAFB-0362 continued)

Field No. : BAFB-0362
Laboratory No. : 21979-11
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 18-C-3SB
Sampling Date : 01/03/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	2.8 B	0.81	
Acetone	2.1	1.7	
Toluene	0.65 J	0.81	
1,2-Dichloroethane-d4 (SS)	107	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0362)

SITE 18

Water Data 1st Round Sampling 1989

BEALE AFB SITE 18: Water Data 1st Round Sampling 1989

Field No. : BAFB-0452
Laboratory No. : 22345-2
Normal Environmental Sample

Field Log No. : 18-C-1GW
Sampling Date : 02/14/89
Matrix : Water

Tests performed on sample: BAFB-0452

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/14/89	wet	1.0	umhos/cm
E170.1	Temperature	02/14/89	wet	1.0	degrees c
E150.1	pH	02/14/89	wet	1.0	pH
SM403	Alkalinity - Total	02/14/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/14/89	wet	1.0	mg/l
SM403	Bicarbonate	02/14/89	wet	1.0	mg/l
SM403	Carbonate	02/14/89	wet	1.0	mg/l
7420/7421	Lead	03/09/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/16/89	wet	1.0	mg/l
E325.3	Chloride	02/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/07/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/03/89	wet	1.0	mg/l
E375.4	Sulfate	02/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/17/89	wet	1.0	mg/l
SW6010	ICP Metals	03/02/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	368	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	6.84	N/A	pH
ALKALINITY-TOTAL (SM403)	79.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	96.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	335	3.0	mg/l
CHLORIDE (E325.3)	69.6	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0452 continued on next page)

(results for BAFB-0452 continued)

Field No. : BAFB-0452
Laboratory No. : 22345-2
Normal Environmental Sample

Field Log No. : 18-C-1GW
Sampling Date : 02/14/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.23		0.050	mg/l
NITRATE + NITRITE (E353.3)	9.6		0.13	mg/l
SULFATE (E375.4)	29.4		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS)	0.80		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	22.1		1.00	
Potassium	2.10		1.00	
Magnesium	10.3		1.00	
Manganese	0.053		0.015	
Sodium	57.1		1.00	
Zinc	0.023		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	123		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	12	(15)	1	
trifluorotoluene (SS)	103		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0452)

BEALE AFB SITE 18: Water Data 1st Round Sampling 1989

Field No. : BAFB-0448
Laboratory No. : 22333-2
Normal Environmental Sample

Field Log No. : 18-C-2GW
Sampling Date : 02/13/89
Matrix : Water

Tests performed on sample: BAFB-0448 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/13/89	wet	1.0	umhos/cm
E170.1	Temperature	02/13/89	wet	1.0	degrees c
E150.1	pH	02/13/89	wet	1.0	pH
SM403	Alkalinity - Total	02/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/13/89	wet	1.0	mg/l
SM403	Bicarbonate	02/13/89	wet	1.0	mg/l
SM403	Carbonate	02/13/89	wet	1.0	mg/l
7420/7421	Lead	02/28/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/16/89	wet	1.0	mg/l
E325.3	Chloride	02/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/03/89	wet	1.0	mg/l
E375.4	Sulfate	03/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/17/89	wet	1.0	mg/l
SW6010	ICP Metals	02/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	409	N/A	umhos/cm
TEMPERATURE (E170.1)	21.1	N/A	degrees c
pH (E150.1)	7.07	N/A	pH
ALKALINITY-TOTAL (SM403)	87.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	106.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	332	3.0	mg/l
CHLORIDE (E325.3)	69.5	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0448 continued on next page)

(results for BAFB-0448 continued)

Field No. : BAFB-0448
Laboratory No. : 22333-2
Normal Environmental Sample

Field Log No. : 18-C-2GW
Sampling Date : 02/13/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.27		0.050	mg/l
NITRATE + NITRITE (E353.3)	10.0		0.050	mg/l
SULFATE (E375.4)	30.1		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS)	0.70		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	19.0		1.00	
Potassium	1.40		1.00	
Magnesium	7.86		1.00	
Manganese	0.047		0.015	
Sodium	63.7		1.00	
Nickel	0.044		0.040	
PURGEABLE HALOCARBONS (SW8010)				ug/l
bromochloromethane (SS)	92		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	3	(3)	1	
trifluorotoluene (SS)	96		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0448)

SITE 18

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 18: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0616
Laboratory No. : 24191-3
Normal Environmental Sample

Field Log No. : 18-C-1GW
Sampling Date : 08/30/89
Matrix : Water

Tests performed on sample: BAFB-0616

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/30/89	wet	1.0	umhos/cm
E170.1	Temperature	08/30/89	wet	1.0	degrees c
E150.1	pH	08/30/89	wet	1.0	pH
SM403	Alkalinity - Total	08/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/30/89	wet	1.0	mg/l
SM403	Bicarbonate	08/30/89	wet	1.0	mg/l
SM403	Carbonate	08/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/05/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/05/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	381	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.38	N/A	pH
ALKALINITY-TOTAL (SM403)	87.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	106.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	336	3.0	mg/l
CHLORIDE (E325.3)	62.9	1.0	mg/l
FLUORIDE (E340.2)	0.18	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0616 continued on next page)

(results for BAFB-0616 continued)

Field No. : BAFB-0616
Laboratory No. : 24191-3
Normal Environmental Sample

Field Log No. : 18-C-1GW
Sampling Date : 08/30/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	8.6	0.13	mg/l
SULFATE (E375.4)	65.0	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.3	1.00	
Magnesium	9.86	1.00	
Manganese	0.016	0.015	
Nickel	0.045	0.040	
Potassium	1.09	1.00	
Sodium	51.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	101	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	2	1	
Trifluorotoluene (SS)	109	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0616)

BEALE AFB SITE 18: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0617
Laboratory No. : 24202-2
Normal Environmental Sample

Field Log No. : 18-C-2GW
Sampling Date : 08/31/89
Matrix : Water

Tests performed on sample: BAFB-0617

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/31/89	wet	1.0	umhos/cm
E170.1	Temperature	08/31/89	wet	1.0	degrees c
E150.1	pH	08/31/89	wet	1.0	pH
SM403	Alkalinity - Total	08/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/31/89	wet	1.0	mg/l
SM403	Bicarbonate	08/31/89	wet	1.0	mg/l
SM403	Carbonate	08/31/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/06/89	wet	1.0	mg/l
E325.3	Chloride	09/20/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	428	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.45	N/A	pH
ALKALINITY-TOTAL (SM403)	85.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	104.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	354	3.0	mg/l
CHLORIDE (E325.3)	71.6	1.0	mg/l
FLUORIDE (E340.2)	0.21	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0617 continued on next page)

(results for BAFB-0617 continued)

Field No. : BAFB-0617
Laboratory No. : 24202-2
Normal Environmental Sample

Field Log No. : 18-C-2GW
Sampling Date : 08/31/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	7.0	0.13	mg/l
SULFATE (E375.4)	43.2	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	20.2	1.00	
Magnesium	9.48	1.00	
Manganese	0.024	0.015	
Potassium	1.38	1.00	
Sodium	62.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	110	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	109	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0617)

SITE 19

Soil Analyses

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0079
Laboratory No. : 21677-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0079

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/07/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/07/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	28.8	N/A	%
MERCURY (SW7471)	0.14	0.084	mg/kg
TFH-DIESEL (TFH-DIESEL)	340	1.4	mg/kg
TFH-GAS (TFH-GAS)	280	70	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	17800	28.1	
Barium	243	14.0	
Calcium	2960	140	
Chromium	288	4.2	
Cobalt	7.6	5.6	
Copper	26.7	4.2	
Iron	24300	14.0	
Magnesium	4940	140	
Manganese	177	2.1	
Nickel	23.9	5.6	
Potassium	1690	281	
Silver	50.7	4.2	
Sodium	538	140	
Vanadium	44.7	5.6	
Zinc	48.3 B	2.8	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.014 B	0.007	
Toluene	0.045	0.007	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0079 continued on next page)

(results for BAFB-0079 continued)

Field No. : BAFB-0079
Laboratory No. : 21677-3
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.46	
Di-n-Butylphthalate	0.34 J	0.46	
Fluoranthene	0.83	0.46	
bis(2-Ethylhexyl)Phthalate	1.4	0.46	
2-Fluorophenol (SS)	40	N/A	
Phenol-d5 (SS)	51	N/A	
Nitrobenzene-d5 (SS)	50	N/A	
2-Fluorobiphenyl (SS)	46	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	
p-Terphenyl-d14 (SS)	46	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0079)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0080
Laboratory No. : 21677-4
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0079

Field Log No. : 19-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0080

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/07/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/07/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	28.7	N/A	%
MERCURY (SW7471)	0.11	0.084	mg/kg
TFH-DIESEL (TFH-DIESEL)	650	1.4	mg/kg
TFH-GAS (TFH-GAS)	210	70	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20200	28.1	
Barium	272	14.0	
Calcium	3280	140	
Chromium	139	4.2	
Cobalt	8.1	5.6	
Copper	34.4	4.2	
Iron	28500	14.0	
Magnesium	5330	140	
Manganese	185	2.1	
Nickel	28.2	5.6	
Potassium	1680	281	
Silver	47.0	4.2	
Sodium	558	140	
Vanadium	53.0	5.6	
Zinc	52.7 B	2.8	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.008 B	0.007	
Toluene	0.055	0.007	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0080 continued on next page)

(results for BAFB-0080 continued)

Field No. : BAFB-0080
Laboratory No. : 21677-4
Sample Depth : 0.00 - 1.00 ft. BGS
Field Replicate for BAFB-0079

Field Log No. : 19-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.3 B	0.46	
Di-n-Butylphthalate	0.24 J	0.46	
Fluoranthene	0.65	0.46	
bis(2-Ethylhexyl)Phthalate	1.4	0.46	
2-Fluorophenol (SS)	39	N/A	
Phenol-d5 (SS)	47	N/A	
Nitrobenzene-d5 (SS)	47	N/A	
2-Fluorobiphenyl (SS)	49	N/A	
2,4,6-Tribromophenol (SS)	51	N/A	
p-Terphenyl-d14 (SS)	48	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0080)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0081
Laboratory No. : 21677-5
Sample Depth : 1.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Tests performed on sample: BAFB-0081		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/05/88	dry	1.0	%
SW7471	Mercury	12/12/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/24/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/07/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/13/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/06/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/07/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	30.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.087	0.087	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<72	72	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16200	28.9	
Barium	235	14.4	
Calcium	3190	144	
Chromium	51.5	4.3	
Cobalt	8.7	5.8	
Copper	30.2	4.3	
Iron	22800	14.4	
Magnesium	4170	144	
Manganese	170	2.2	
Nickel	23.1	5.8	
Potassium	952	289	
Silver	53.0	4.3	
Sodium	395	144	
Vanadium	42.0	5.8	
Zinc	41.6 B	2.9	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0081 continued on next page)

(results for BAFB-0081 continued)

Field No. : BAFB-0081
Laboratory No. : 21677-5
Sample Depth : 1.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SS
Sampling Date : 11/23/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009 B	0.005	
Toluene	0.010	0.005	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.5 B	0.48	
Di-n-Butylphthalate	0.72	0.48	
2-Fluorophenol (SS)	69	N/A	
Phenol-d5 (SS)	84	N/A	
Nitrobenzene-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	87	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	108	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0081)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0144
Laboratory No. : 21733-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SS
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0144

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/12/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/27/88	dry	1.0	mg/kg
SW8280	Dioxins, Furans (PCDFs)	01/05/89	dry	1.0	mg/kg
SW8280	Dioxins, Furans (PCDFs)	01/05/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.6	N/A	%
MERCURY (SW7471) (non-detect)	<0.081	0.081	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.4	5.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14500	26.9	
Barium	222	13.4	
Calcium	2960	134	
Chromium	41.8	4.0	
Cobalt	11.0	5.4	
Copper	28.9	4.0	
Iron	21600	13.4	
Magnesium	4620	134	
Manganese	277	2.0	
Nickel	25.5	5.4	
Potassium	1300	269	
Silver	40.2	4.0	
Sodium	801	134	
Vanadium	44.1	5.4	
Zinc	45.2	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0144 continued on next page)

(results for BAFB-0144 continued)

Field No. : BAFB-0144
Laboratory No. : 21733-2
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SS
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013 B	0.007	
Acetone	0.037 B	0.007	
4-Methyl-2-Pentanone	0.006 J	0.013	
Toluene	0.002 J	0.007	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.42 BJ	0.44	
2-Fluorophenol (SS)	50	N/A	
Phenol-d5 (SS)	78	N/A	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	36	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
DIOXINS, FURANS (PCDFS) (SW8280) (non-detect)			mg/kg
DIOXINS, FURANS (PCDFS) (SW8280)			mg/kg
Tetra Dioxins (total)	0.00003	Detection limits are	
Penta Dioxins (total)	0.0001	sample specific and	
Hexa Dioxins (total)	0.0028	were not calculated	
Hepta Dioxins (total)	0.0188	for this sample.	
Octa Dioxins (total)	0.069		
Tetra Furans (total)	0.0001		
Penta Furans (total)	0.0003		
Hexa Furans (total)	0.0017		
Hepta Furans (total)	0.0091		
Octa Furans (total)	0.023		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0144)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0181
Laboratory No. : 21733-3
Sample Depth : 1.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SS
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0181		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/27/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	10.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.067	0.067	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<4.5	4.5	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<56	56	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	2510	22.4	
Barium	34.6	11.2	
Calcium	645	112	
Chromium	20.2	3.4	
Cobalt	1.7	4.5	
Copper	7.8	3.4	
Iron	5350	11.2	
Magnesium	965	112	
Manganese	54.4	1.7	
Nickel	12.3	4.5	
Potassium	224	224	
Silver	5.2	3.4	
Sodium	150	112	
Vanadium	11.2	4.5	
Zinc	8.8	2.2	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0181 continued on next page)

Field No. : BAFB-0181
Laboratory No. : 21733-3
Sample Depth : 1.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SS
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.005	
Acetone	0.026 B	0.005	
4-Methyl-2-Pentanone	0.004 J	0.011	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	96	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	47	N/A	
Phenol-d5 (SS)	73	N/A	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	56	N/A	
p-Terphenyl-d14 (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0181)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0182
Laboratory No. : 21733-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SS
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0182

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	50.0	mg/kg
SW8270	Semi-Volatile Organics	01/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24	N/A	%
MERCURY (SW7471)	0.14	0.079	mg/kg
TFH-DIESEL (TFH-DIESEL)	3800	5.3	mg/kg
TFH-GAS (TFH-GAS)	720	66	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20100	26.3	
Barium	230	13.2	
Beryllium	0.53	0.26	
Calcium	3390	132	
Chromium	57.1	3.9	
Cobalt	13.2	5.3	
Copper	37.9	3.9	
Iron	27200	13.2	
Magnesium	5390	132	
Manganese	361	2.0	
Nickel	28.3	5.3	
Potassium	1300	263	
Silver	50.0	3.9	
Sodium	1120	132	
Vanadium	55.8	5.3	
Zinc	50.3	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0182 continued on next page)

(results for BAFB-0182 continued)

Field No. : BAFB-0182
Laboratory No. : 21733-4
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SS
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.10 BJ	0.26	
Ethylbenzene	0.17 J	0.26	
Xylenes (total)	0.53	0.26	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	107	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
1,3-Dichlorobenzene	0.22 J	0.43	
1,4-Dichlorobenzene	0.34 J	0.43	
1,2-Dichlorobenzene	0.20 J	0.43	
Naphthalene	1.6	0.43	
2-Methylnaphthalene	11	0.43	
Pentachlorophenol	3.6	2.1	
Anthracene	0.26 J	0.43	
Di-n-Butylphthalate	1.3 B	0.43	
Fluoranthene	8.8	0.43	
Pyrene	0.24 J	0.43	
Butylbenzylphthalate	1.1	0.43	
2-Fluorophenol (SS)	71	N/A	
Phenol-d5 (SS)	111	N/A	
Nitrobenzene-d5 (SS)	123	N/A	
2-Fluorobiphenyl (SS)	63	N/A	
2,4,6-Tribromophenol (SS)	116	N/A	
p-Terphenyl-d14 (SS)	117	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0182)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0183
Laboratory No. : 21733-5
Sample Depth : 1.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SS
Sampling Date : 12/02/88
Matrix : Soil

Tests performed on sample: BAFB-0183

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/12/88	dry	1.0	%
SW7471	Mercury	12/16/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	12/31/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/13/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/14/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/16/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	12/27/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL)	290	5.1	mg/kg
TFH-GAS (TFH-GAS)	70	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16600	25.3	
Barium	206	12.6	
Beryllium	0.51	0.51	
Calcium	3830	126	
Chromium	29.2	3.8	
Cobalt	16.4	5.1	
Copper	30.6	3.8	
Iron	23300	12.6	
Magnesium	4400	126	
Manganese	649	1.9	
Nickel	29.0	5.1	
Potassium	544	253	
Silver	2.8	0.76	
Sodium	798	126	
Vanadium	49.9	5.1	
Zinc	43.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0183 continued on next page)

(results for BAFB-0183 continued)

Field No. : BAFB-0183
Laboratory No. : 21733-5
Sample Depth : 1.00 - 2.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SS
Sampling Date : 12/02/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.007 B	0.006	
Acetone	0.025 B	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.29 BJ	0.42	
Fluoranthene	0.29 J	0.42	
bis(2-Ethylhexyl)Phthalate	0.25 BJ	0.42	
2-Fluorophenol (SS)	51	N/A	
Phenol-d5 (SS)	83	N/A	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0183)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0188
Laboratory No. : 21788-8
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0188

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.1	6.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<61	61	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14900	24.4	
Barium	352	12.2	
Calcium	5090	122	
Chromium	55.1	3.7	
Cobalt	37.5	4.9	
Copper	69.4	3.7	
Iron	36300	12.2	
Magnesium	8220	122	
Manganese	1860	1.8	
Nickel	37.0	4.9	
Potassium	585	244	
Sodium	188	122	
Vanadium	138	4.9	
Zinc	84.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0188 continued on next page)

(results for BAFB-0188 continued)

Field No. : BAFB-0188
Laboratory No. : 21788-8
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.006	
Acetone	0.018 B	0.012	
1,2-Dichloroethane-d4 (SS)	91	N/A	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
bis(2-Ethylhexyl)Phthalate	0.055 J	0.40	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorophenol (SS)	66	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0188)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0189
Laboratory No. : 21788-9
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/08/88
Matrix : Soil

Tests performed on sample: BAFB-0189		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/28/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/23/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.074	0.074	mg/kg.
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.2	6.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<62	62	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10900	24.6	
Barium	159	12.3	
Calcium	4270	123	
Chromium	35.3	3.7	
Cobalt	27.8	4.9	
Copper	48.2	3.7	
Iron	28200	12.3	
Magnesium	7020	123	
Manganese	1060	1.8	
Nickel	26.6	4.9	
Potassium	406	246	
Sodium	163	123	
Vanadium	94.3	4.9	
Zinc	63.2	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0189 continued on next page)

(results for BAFB-0189 continued)

Field No. : BAFB-0189
Laboratory No. : 21788-9
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/08/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 BJ	0.006	
Acetone	0.054 B	0.012	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	92	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.48	0.41	
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorophenol (SS)	78	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	93	N/A	
2-Fluorobiphenyl (SS)	85	N/A	
2,4,6-Tribromophenol (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0189)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0208
Laboratory No. : 21789-2
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0208

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg.
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.3	6.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<63	63	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14700	25.4	
Barium	171	12.7	
Calcium	5110	127	
Chromium	42.4	3.8	
Cobalt	33.9	5.1	
Copper	56.6	3.8	
Iron	34500	12.7	
Magnesium	6700	127	
Manganese	1150	1.9	
Nickel	24.1	5.1	
Potassium	431	254	
Sodium	174	127	
Vanadium	104	5.1	
Zinc	75.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0208 continued on next page)

(results for BAFB-0208 continued)

Field No. : BAFB-0208
Laboratory No. : 21789-2
Sample Depth : 30.00 - 31.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.006	
Acetone	0.062 B	0.013	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.46	0.42	
bis(2-Ethylhexyl)Phthalate	0.080 J	0.42	
Nitrobenzene-d5 (SS)	79	N/A	
2-Fluorophenol (SS)	66	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	89	N/A	
2,4,6-Tribromophenol (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0208)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0209
Laboratory No. : 21789-3
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0209

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.8	N/A	%
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<5.7	5.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<57	57	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7720	22.9	
Barium	102	11.5	
Calcium	3780	115	
Chromium	30.3	3.4	
Cobalt	14.9	4.6	
Copper	38.4	3.4	
Iron	21300	11.5	
Magnesium	2720	115	
Manganese	663	1.7	
Nickel	13.8	4.6	
Potassium	344	229	
Sodium	155	115	
Vanadium	76.5	4.6	
Zinc	37.0	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0209 continued on next page)

(results for BAFB-0209 continued)

Field No. : BAFB-0209
Laboratory No. : 21789-3
Sample Depth : 40.00 - 41.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.003 BJ	0.006	
Acetone	0.046 B	0.011	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.44	0.38	
bis(2-Ethylhexyl)Phthalate	0.070 J	0.38	
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	88	N/A	
2-Fluorobiphenyl (SS)	95	N/A	
2,4,6-Tribromophenol (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0209)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0210
Laboratory No. : 21789-4
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Tests performed on sample: BAFB-0210

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/16/88	dry	1.0	%
SW7471	Mercury	12/30/88	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/20/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/30/88	dry	1.0	mg/kg
SW8240	Volatile Organics	12/19/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	01/25/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.080	0.080	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<6.7	6.7	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<67	67	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14600	26.6	
Barium	198	13.3	
Calcium	5340	133	
Chromium	36.1	4.0	
Cobalt	25.3	5.3	
Copper	48.3	4.0	
Iron	30200	13.3	
Magnesium	5810	133	
Manganese	1080	2.0	
Nickel	20.0	5.3	
Potassium	506	266	
Sodium	225	133	
Vanadium	77.6	5.3	
Zinc	66.4	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0210 continued on next page)

(results for BAFB-0210 continued)

Field No. : BAFB-0210
Laboratory No. : 21789-4
Sample Depth : 50.00 - 51.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-1SB
Sampling Date : 12/09/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.004 BJ	0.007	
Acetone	0.047 B	0.013	
1,2-Dichloroethane-d4 (SS)	88	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	100	N/A	
2-Fluorophenol (SS)	81	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	95	N/A	
2-Fluorobiphenyl (SS)	97	N/A	
2,4,6-Tribromophenol (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0210)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0234
Laboratory No. : 21848-2
Sample Depth : 2.00 - 3.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0234

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.3	N/A	%
MERCURY (SW7471)	0.081	0.069	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9240	23.1	
Barium	141	11.5	
Calcium	3110	115	
Chromium	33.3	3.5	
Cobalt	17.3	4.6	
Copper	35.4	3.5	
Iron	19700	11.5	
Magnesium	3330	115	
Manganese	539	1.7	
Nickel	17.3	4.6	
Potassium	265	231	
Silver	6.9	3.5	
Sodium	152	115	
Vanadium	58.8	4.6	
Zinc	111	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0234 continued on next page)

(results for BAFB-0234 continued)

Field No. : BAFB-0234
Laboratory No. : 21848-2
Sample Depth : 2.00 - 3.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.016	0.006	
Acetone	0.027	0.006	
Toluene	0.023	0.006	
1,2-Dichloroethane-d4 (SS)	78	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.3 B	0.38	
Di-n-Butylphthalate	0.43 B	0.38	
Nitrobenzene-d5 (SS)	52	N/A	
2-Fluorophenol (SS)	44	N/A	
p-Terphenyl-d14 (SS)	59	N/A	
Phenol-d5 (SS)	51	N/A	
2-Fluorobiphenyl (SS)	50	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0234)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0235
Laboratory No. : 21848-3
Sample Depth : 7.00 - 8.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0235

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.9	N/A	%
MERCURY (SW7471)	0.090	0.077	mg/kg.
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10800	25.6	
Barium	147	12.8	
Calcium	4060	128	
Chromium	24.3	3.8	
Cobalt	12.8	5.1	
Copper	40.7	3.8	
Iron	21800	12.8	
Magnesium	3920	128	
Manganese	499	1.9	
Nickel	19.2	5.1	
Potassium	333	256	
Sodium	360	128	
Vanadium	53.1	5.1	
Zinc	69.4	2.6	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0235 continued on next page)

(results for BAFB-0235 continued)

Field No. : BAFB-0235
Laboratory No. : 21848-3
Sample Depth : 7.00 - 8.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.020	0.007	
Acetone	0.019	0.007	
Benzene	0.007	0.007	
Toluene	0.039	0.007	
1,2-Dichloroethane-d4 (SS)	79	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	1.4 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.090 BJ	0.42	
Nitrobenzene-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	60	N/A	
p-Terphenyl-d14 (SS)	68	N/A	
Phenol-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	63	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0235)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0236
Laboratory No. : 21848-4
Sample Depth : 17.00 - 18.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0236

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/21/88	dry	0.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.7	N/A	%
MERCURY (SW7471)	0.084	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12200	24.0	
Barium	173	12.0	
Calcium	3930	120	
Chromium	35.3	3.6	
Cobalt	32.9	4.8	
Copper	45.9	3.6	
Iron	32400	12.0	
Magnesium	5760	120	
Manganese	1260	1.8	
Nickel	24.6	4.8	
Sodium	166	120	
Vanadium	98.7	4.8	
Zinc	61.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0236 continued on next page)

Field No. : BAFB-0236
Laboratory No. : 21848-4
Sample Depth : 17.00 - 18.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.010 B	0.006	
Acetone	0.044	0.006	
Toluene	0.012	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.2 B	0.40	
Di-n-Butylphthalate	0.84 B	0.40	
bis(2-Ethylhexyl)Phthalate	0.094 BJ	0.40	
Nitrobenzene-d5 (SS)	83	N/A	
2-Fluorophenol (SS)	76	N/A	
p-Terphenyl-d14 (SS)	80	N/A	
Phenol-d5 (SS)	79	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0236)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0237
Laboratory No. : 21848-5
Sample Depth : 27.00 - 28.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0237

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.8	N/A	%
MERCURY (SW7471)	0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	21700	25.3	
Barium	274	12.6	
Beryllium	0.76	0.63	
Calcium	6520	126	
Chromium	51.8	3.8	
Cobalt	28.7	5.1	
Copper	68.2	3.8	
Iron	40200	12.6	
Magnesium	8860	126	
Manganese	1340	1.9	
Nickel	32.4	5.1	
Potassium	429	253	
Sodium	259	126	
Thallium	63.1	63.1	
Vanadium	102	5.1	
Zinc	89.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0237 continued on next page)

Field No. : BAFB-0237
Laboratory No. : 21848-5
Sample Depth : 27.00 - 28.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.028	0.006	
Toluene	0.010	0.006	
1,2-Dichloroethane-d4 (SS)	83	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.0 B	0.42	
Di-n-Butylphthalate	0.86 B	0.42	
bis(2-Ethylhexyl)Phthalate	0.092 BJ	0.42	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorophenol (SS)	62	N/A	
p-Terphenyl-d14 (SS)	72	N/A	
Phenol-d5 (SS)	42	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
2,4,6-Tribromophenol (SS)	64	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0237)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0238
Laboratory No. : 21848-6
Sample Depth : 37.00 - 38.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0238

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.2	N/A	%
MERCURY (SW7471)	0.074	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11000	24.8	
Barium	162	12.4	
Calcium	4020	124	
Chromium	38.4	3.7	
Cobalt	30.1	5.0	
Copper	48.1	3.7	
Iron	29300	12.4	
Magnesium	6110	124	
Manganese	1050	1.9	
Nickel	21.0	5.0	
Sodium	161	124	
Vanadium	93.2	5.0	
Zinc	61.4	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0238 continued on next page)

(results for BAFB-0238 continued)

Field No. : BAFB-0238
Laboratory No. : 21848-6
Sample Depth : 37.00 - 38.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032	0.006	
Acetone	0.009 J	0.006	
Toluene	0.012	0.006	
1,2-Dichloroethane-d4 (SS)	79	N/A	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.4 B	0.41	
Di-n-Butylphthalate	0.58 B	0.41	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorophenol (SS)	79	N/A	
p-Terphenyl-d14 (SS)	88	N/A	
Phenol-d5 (SS)	85	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	73	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0238)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0239
Laboratory No. : 21848-7
Sample Depth : 47.00 - 48.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Tests performed on sample: BAFB-0239 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/28/88	dry	1.0	%
SW7471	Mercury	01/11/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	01/26/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/26/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/05/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/20/88	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/02/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.4	N/A	%
MERCURY (SW7471)	0.087	0.074	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12800	24.8	
Barium	216	12.4	
Calcium	4780	124	
Chromium	31.8	3.7	
Cobalt	23.6	5.0	
Copper	40.0	3.7	
Iron	25100	12.4	
Magnesium	5250	124	
Manganese	1070	1.9	
Nickel	21.1	5.0	
Sodium	196	124	
Vanadium	76.4	5.0	
Zinc	51.6	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0239 continued on next page)

(results for BAFB-0239 continued)

Field No. : BAFB-0239
Laboratory No. : 21848-7
Sample Depth : 47.00 - 48.50 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-2SB
Sampling Date : 12/13/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.12	0.006	
Acetone	0.006	0.006	
Toluene	0.013	0.006	
1,2-Dichloroethane-d4 (SS)	77	N/A	
Toluene-d8 (SS)	93	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	1.7 B	0.41	
Di-n-Butylphthalate	0.58 B	0.41	
bis(2-Ethylhexyl)Phthalate	0.11 BJ	0.41	
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorophenol (SS)	73	N/A	
p-Terphenyl-d14 (SS)	94	N/A	
Phenol-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0239)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0311
Laboratory No. : 22002-7
Sample Depth : 8.50 - 10.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0311

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.9	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15700	25.3	
Barium	101	12.6	
Calcium	5440	126	
Chromium	39.1	3.8	
Cobalt	19.0	5.1	
Copper	56.5	3.8	
Iron	30300	12.6	
Magnesium	8390	126	
Manganese	455	1.9	
Nickel	27.8	5.1	
Potassium	961	253	
Sodium	425	126	
Vanadium	75.5	5.1	
Zinc	80.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0311 continued on next page)

(results for BAFB-0311 continued)

Field No. : BAFB-0311
Laboratory No. : 22002-7
Sample Depth : 8.50 - 10.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.053 B	0.006	
Acetone	0.032 B	0.013	
Trichloroethene	0.004 BJ	0.006	
Toluene	0.038	0.006	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.25 BJ	0.42	
2-Fluorophenol (SS)	43	N/A	
Phenol-d5 (SS)	53	N/A	
Nitrobenzene-d5 (SS)	38	N/A	
2-Fluorobiphenyl (SS)	26	N/A	
2,4,6-Tribromophenol (SS)	46	N/A	
p-Terphenyl-d14 (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0311)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0312
Laboratory No. : 22002-8
Sample Depth : 18.50 - 20.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0312 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	21.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14000	25.5	
Barium	97.5	12.7	
Calcium	4740	127	
Chromium	45.4	3.8	
Cobalt	15.3	5.1	
Copper	48.0	3.8	
Iron	26500	12.7	
Magnesium	7690	127	
Manganese	580	1.9	
Nickel	27.3	5.1	
Potassium	395	255	
Sodium	203	127	
Vanadium	58.0	5.1	
Zinc	67.3	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0312 continued on next page)

(results for BAFB-0312 continued)

Field No. : BAFB-0312
Laboratory No. : 22002-8
Sample Depth : 18.50 - 20.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.031 B	0.006	
Acetone	0.036 B	0.013	
2-Butanone	0.008 J	0.013	
Toluene	0.013	0.006	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	104	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
2-Fluorophenol (SS)	50	N/A	
Phenol-d5 (SS)	61	N/A	
Nitrobenzene-d5 (SS)	47	N/A	
2-Fluorobiphenyl (SS)	29	N/A	
2,4,6-Tribromophenol (SS)	48	N/A	
p-Terphenyl-d14 (SS)	87	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0312)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0313
Laboratory No. : 22002-9
Sample Depth : 28.50 - 30.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0313

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.5	N/A	%
MERCURY (SW7471) (non-detect)	<0.072	0.072	mg/kg
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15900	24.0	
Barium	149	12.0	
Calcium	5020	120	
Chromium	45.9	3.6	
Cobalt	22.8	4.8	
Copper	50.5	3.6	
Iron	34900	12.0	
Magnesium	6620	120	
Manganese	923	1.8	
Nickel	24.7	4.8	
Potassium	263	240	
Sodium	195	120	
Vanadium	98.6	4.8	
Zinc	68.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0313 continued on next page)

(results for BAFB-0313 continued)

Field No. : BAFB-0313
Laboratory No. : 22002-9
Sample Depth : 28.50 - 30.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.025 B	0.006	
Acetone	0.020 B	0.012	
2-Butanone	0.007 J	0.012	
Toluene	0.044	0.006	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	101	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.43 B	0.40	
2-Fluorophenol (SS)	47	N/A	
Phenol-d5 (SS)	61	N/A	
Nitrobenzene-d5 (SS)	45	N/A	
2-Fluorobiphenyl (SS)	25	N/A	
2,4,6-Tribromophenol (SS)	37	N/A	
p-Terphenyl-d14 (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0313)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0314
Laboratory No. : 22002-10
Sample Depth : 38.50 - 40.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0314

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg.
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6550	24.4	
Barium	156	12.2	
Calcium	2640	122	
Chromium	24.6	3.7	
Cobalt	35.2	4.9	
Copper	34.0	3.7	
Iron	23200	12.2	
Magnesium	4290	122	
Manganese	1450	1.8	
Nickel	19.6	4.9	
Sodium	159	122	
Vanadium	76.5	4.9	
Zinc	45.4	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0314 continued on next page)

(results for BAFB-0314 continued)

Field No. : BAFB-0314
Laboratory No. : 22002-10
Sample Depth : 38.50 - 40.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.044 B	0.006	
Acetone	0.033 B	0.012	
Toluene	0.006	0.006	
1,2-Dichloroethane-d4 (SS)	102	N/A	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	105	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.28 BJ	0.40	
2-Fluorophenol (SS)	45	N/A	
Phenol-d5 (SS)	58	N/A	
Nitrobenzene-d5 (SS)	32	N/A	
2-Fluorobiphenyl (SS)	12	N/A	
2,4,6-Tribromophenol (SS)	49	N/A	
p-Terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0314)

BEALE AFB SITE 19: Soil Data 1988/1989

Field No. : BAFB-0315
Laboratory No. : 22002-11
Sample Depth : 48.50 - 50.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Tests performed on sample: BAFB-0315 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/25/89	dry	1.0	%
SW7471	Mercury	01/24/89	dry	1.0	mg/kg
TFH-DIESEL	TFH-Diesel	02/09/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/13/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/27/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/13/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/20/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.7	N/A	%
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg.
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8970	25.2	
Barium	30.0	12.6	
Calcium	3580	126	
Chromium	29.6	3.8	
Cobalt	8.8	5.0	
Copper	35.1	3.8	
Iron	22300	12.6	
Magnesium	5250	126	
Manganese	216	1.9	
Nickel	18.9	5.0	
Sodium	153	126	
Vanadium	64.7	5.0	
Zinc	47.0	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0315 continued on next page)

Field No. : BAFB-0315
Laboratory No. : 22002-11
Sample Depth : 48.50 - 50.00 ft. BGS
Normal Environmental Sample

Field Log No. : 19-C-3SB
Sampling Date : 01/05/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.033 B	0.006	
Acetone	0.024 B	0.013	
trans-1,2,-Dichloroethene	0.008	0.006	
2-Butanone	0.006 J	0.013	
Trichloroethene	0.004 BJ	0.006	
Toluene	0.038	0.006	
1,2-Dichloroethane-d4 (SS)	98	N/A	
Toluene-d8 (SS)	105	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Di-n-Butylphthalate	0.30 BJ	0.42	
2-Fluorophenol (SS)	42	N/A	
Phenol-d5 (SS)	52	N/A	
Nitrobenzene-d5 (SS)	34	N/A	
2-Fluorobiphenyl (SS)	20	N/A	
2,4,6-Tribromophenol (SS)	45	N/A	
p-Terphenyl-d14 (SS)	85	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0315)

SITE 19

Water Data 1st Round Sampling 1989

BEALE AFB SITE 19: Water Data 1st Round Sampling 1989

Field No. : BAFB-0479
Laboratory No. : 22455-1
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 02/24/89
Matrix : Water

Tests performed on sample: BAFB-0479

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/24/89	wet	1.0	umhos/cm
E170.1	Temperature	02/24/89	wet	1.0	degreesc
E150.1	pH	02/24/89	wet	1.0	pH
SM403	Alkalinity - Total	02/24/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/24/89	wet	1.0	mg/l
SM403	Bicarbonate	02/24/89	wet	1.0	mg/l
SM403	Carbonate	02/24/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/21/89	wet	1.0	mg/l
7471	Mercury	03/08/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/01/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	03/14/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	Resampled	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/21/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	470	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.03	N/A	pH
ALKALINITY-TOTAL (SM403)	74.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	90.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0479 continued on next page)

(results for BAFB-0479 continued)

Field No. : BAFB-0479
Laboratory No. : 22455-1
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 02/24/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	385	3.0	mg/l
CHLORIDE (E325.3)	81.8	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.050	mg/l
NITRATE + NITRITE (E353.3)	12.5	0.050	mg/l
SULFATE (E375.4)	25.7	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	20.6	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	(Resampled for this analysis. See BAFB-0528)		
ICP METALS (SW6010)			mg/l
Calcium	28.0	1.00	
Potassium	2.00	1.00	
Magnesium	15.9	1.00	
Manganese	0.031	0.015	
Sodium	31.9	1.00	
Zinc	1.22	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	109	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	97	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0479 continued on next page)

(results for BAFB-0479 continued)

Field No. : BAFB-0479
Laboratory No. : 22455-1
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 02/24/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	77	N/A	
2-fluorophenol (SS)	54	N/A	
2-fluorobiphenyl (SS)	90	N/A	
nitrobenzene-d5 (SS)	93	N/A	
phenol-d5 (SS)	57	N/A	
p-terphenyl-d14 (SS)	99	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0479)

BEALE AFB SITE 19: Water Data 1st Round Sampling 1989

Field No. : BAFB-0528
Laboratory No. : 23041-1
Normal Environmental Sample--RESAMPLE

Field Log No. : 19-C-1GW
Sampling Date : 04/18/89
Matrix : Water

Tests performed on sample: BAFB-0528		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
TFH-GAS	TFH-Gas	04/20/89	wet	1.0	mg/l

Description	Value	Detection Limit	Units
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0528)

BEALE AFB SITE 19: Water Data 1st Round Sampling 1989

Field No. : BAFB-0517
Laboratory No. : 22891-1
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 03/31/89
Matrix : Water

Tests performed on sample: BAFB-0517

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/31/89	wet	1.0	umhos/cm
E170.1	Temperature	03/31/89	wet	1.0	degreesc
E150.1	pH	03/31/89	wet	1.0	pH
SM403	Alkalinity - Total	03/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/31/89	wet	1.0	mg/l
SM403	Bicarbonate	03/31/89	wet	1.0	mg/l
SM403	Carbonate	03/31/89	wet	1.0	mg/l
7060/7061	Arsenic	04/21/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/06/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	290	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	6.91	N/A	pH
ALKALINITY-TOTAL (SM403)	96.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	117.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0517 continued on next page)

(results for BAFB-0517 continued)

Field No. : BAFB-0517
Laboratory No. : 22891-1
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421)	0.0170	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	277	3.0	mg/l
CHLORIDE (E325.3)	28.5	1.0	mg/l
FLUORIDE (E340.2)	0.29	0.050	mg/l
NITRATE + NITRITE (E353.3)	19.6	0.050	mg/l
SULFATE (E375.4)	19.4	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.1	1.00	
Magnesium	14.2	1.00	
Sodium	24.1	1.00	
Zinc	0.025	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	98	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	114	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0517 continued on next page)

(results for BAFB-0517 continued)

Field No. : BAFB-0517
Laboratory No. : 22891-1
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	54	N/A	
2-fluorophenol (SS)	55	N/A	
2-fluorobiphenyl (SS)	55	N/A	
nitrobenzene-d5 (SS)	51	N/A	
phenol-d5 (SS)	71	N/A	
p-terphenyl-d14 (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0517)

BEALE AFB SITE 19: Water Data 1st Round Sampling 1989

Field No. : BAFB-0516
Laboratory No. : 22891-2
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 03/31/89
Matrix : Water

Tests performed on sample: BAFB-0516 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/31/89	wet	1.0	umhos/cm
E170.1	Temperature	03/31/89	wet	1.0	degreesc
E150.1	pH	03/31/89	wet	1.0	pH
SM403	Alkalinity - Total	03/31/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/31/89	wet	1.0	mg/l
SM403	Bicarbonate	03/31/89	wet	1.0	mg/l
SM403	Carbonate	03/31/89	wet	1.0	mg/l
7060/7061	Arsenic	04/21/89	wet	1.0	mg/l
7420/7421	Lead	04/18/89	wet	1.0	mg/l
7471	Mercury	04/20/89	wet	1.0	mg/l
7740/7741	Selenium	04/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	04/06/89	wet	1.0	mg/l
E325.3	Chloride	04/18/89	wet	1.0	mg/l
E340.2	Fluoride	04/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	04/13/89	wet	1.0	mg/l
E375.4	Sulfate	04/17/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	04/13/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	04/07/89	wet	1.0	mg/l
SW6010	ICP Metals	04/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	04/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	04/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	04/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	269	N/A	umhos/cm
TEMPERATURE (E170.1)	9.9	N/A	degrees c
pH (E150.1)	7.08	N/A	pH
ALKALINITY-TOTAL (SM403)	85.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	104.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0516 continued on next page)

(results for BAFB-0516 continued)

Field No. : BAFB-0516
Laboratory No. : 22891-2
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	281	3.0	mg/l
CHLORIDE (E325.3)	24.2	1.0	mg/l
FLUORIDE (E340.2)	0.32	0.050	mg/l
NITRATE + NITRITE (E353.3)	19.8	0.050	mg/l
SULFATE (E375.4)	13.8	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	16.3	1.00	
Potassium	1.20	1.00	
Magnesium	10.4	1.00	
Sodium	28.6	1.00	
Zinc	0.025	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	102	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	123	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0516 continued on next page)

(results for BAFB-0516 continued)

Field No. : BAFB-0516
Laboratory No. : 22891-2
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 03/31/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	52	N/A	
2-fluorophenol (SS)	56	N/A	
2-fluorobiphenyl (SS)	54	N/A	
nitrobenzene-d5 (SS)	54	N/A	
phenol-d5 (SS)	73	N/A	
p-terphenyl-d14 (SS)	70	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0516)

BEALE AFB SITE 19: Water Data 1st Round Sampling 1989

Field No. : BAFB-0487
Laboratory No. : 22644-1
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Tests performed on sample: BAFB-0487

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/09/89	wet	1.0	umhos/cm
E170.1	Temperature	03/09/89	wet	1.0	degreesc
E150.1	pH	03/09/89	wet	1.0	pH
SM403	Alkalinity - Total	03/09/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/09/89	wet	1.0	mg/l
SM403	Bicarbonate	03/09/89	wet	1.0	mg/l
SM403	Carbonate	03/09/89	wet	1.0	mg/l
7060/7061	Arsenic	03/30/89	wet	1.0	mg/l
7420/7421	Lead	03/30/89	wet	1.0	mg/l
7471	Mercury	03/27/89	wet	1.0	mg/l
7740/7741	Selenium	03/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	03/28/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	04/04/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/13/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/17/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/16/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	98	N/A	umhos/cm
TEMPERATURE (E170.1)	15.0	N/A	degrees c
pH (E150.1)	7.40	N/A	pH
ALKALINITY-TOTAL (SM403)	42.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	51.7	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061)	0.015	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0487 continued on next page)

(results for BAFB-0487 continued)

Field No. : BAFB-0487
Laboratory No. : 22644-1
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	106	3.0	mg/l
CHLORIDE (E325.3)	5.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.10	0.10	mg/l
NITRATE + NITRITE (E353.3)	2.2	0.050	mg/l
SULFATE (E375.4)	8.8	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	25.4	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	0.20	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	8.76	1.00	
Iron	0.307	0.100	
Magnesium	3.44	1.00	
Sodium	11.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Methylene chloride	15	5	
bromochloromethane (SS)	120	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	118	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0487 continued on next page)

(results for BAFB-0487 continued)

Field No. : BAFB-0487
Laboratory No. : 22644-1
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 03/09/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
2,4,6-tribromophenol (SS)	68	N/A	
2-fluorophenol (SS)	52	N/A	
2-fluorobiphenyl (SS)	75	N/A	
nitrobenzene-d5 (SS)	71	N/A	
phenol-d5 (SS)	68	N/A	
p-terphenyl-d14 (SS)	34	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0487)

SITE 19

Water Data 2nd Round Sampling 1989

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0579
Laboratory No. : 23443-3
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 06/07/89
Matrix : Water

Tests performed on sample: BAFB-0579 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/07/89	wet	1.0	umhos/cm
E170.1	Temperature	06/07/89	wet	1.0	degrees c
E150.1	pH	06/07/89	wet	1.0	pH
SM403	Alkalinity - Total	06/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/07/89	wet	1.0	mg/l
SM403	Bicarbonate	06/07/89	wet	1.0	mg/l
SM403	Carbonate	06/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	252	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.02	N/A	pH
ALKALINITY-TOTAL (SM403)	63.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	77.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	364	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0579 continued on next page)

(results for BAFB-0579 continued)

Field No. : BAFB-0579
Laboratory No. : 23443-3
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 06/07/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	26.8		1.0	mg/l
FLUORIDE (E340.2)	0.16		0.050	mg/l
NITRATE + NITRITE (E353.3)	21.0		0.13	mg/l
SULFATE (E375.4)	13.9		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.1	mg/l
ICP METALS (SW6010)				mg/l
Calcium	16.2		1.00	
Magnesium	9.71		1.00	
Manganese	0.058		0.015	
Sodium	21.5		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(5)	1	
Bromochloromethane (SS)	111		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(1)	1	
Trifluorotoluene (SS)	99		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0579 continued on next page)

(results for BAFB-0579 continued)

Field No. : BAFB-0579
Laboratory No. : 23443-3
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 06/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	68	N/A	
2-Fluorobiphenyl (SS)	70	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	46	N/A	
2-Fluorophenol (SS)	47	N/A	
2,4,6-Tribromophenol (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0579)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0578
Laboratory No. : 23443-2
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 06/07/89
Matrix : Water

Tests performed on sample: BAFB-0578 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/07/89	wet	1.0	umhos/cm
E170.1	Temperature	06/07/89	wet	1.0	degrees c
E150.1	pH	06/07/89	wet	1.0	pH
SM403	Alkalinity - Total	06/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/07/89	wet	1.0	mg/l
SM403	Bicarbonate	06/07/89	wet	1.0	mg/l
SM403	Carbonate	06/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/16/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	308	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	6.85	N/A	pH
ALKALINITY-TOTAL (SM403)	94.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	114.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	300	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0578 continued on next page)

(results for BAFB-0578 continued)

Field No. : BAFB-0578
Laboratory No. : 23443-2
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 06/07/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	26.4		1.0	mg/l
FLUORIDE (E340.2)	0.22		0.050	mg/l
NITRATE + NITRITE (E353.3)	22.6		0.13	mg/l
SULFATE (E375.4)	20.7		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	21.9		1.00	
Magnesium	14.2		1.00	
Sodium	22.6		1.00	
Zinc	0.025		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane (SS)	102		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	8	(2)	1	
Trifluorotoluene (SS)	94		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0578 continued on next page)

(results for BAFB-0578 continued)

Field No. : BAFB-0578
Laboratory No. : 23443-2
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 06/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	74	N/A	
p-Terphenyl-d14 (SS)	100	N/A	
Phenol-d5 (SS)	50	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	130	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0578)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0580
Laboratory No. : 23454-1
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Tests performed on sample: BAFB-0580

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/08/89	wet	1.0	umhos/cm
E170.1	Temperature	06/08/89	wet	1.0	degrees c
E150.1	pH	06/08/89	wet	1.0	pH
SM403	Alkalinity - Total	06/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/08/89	wet	1.0	mg/l
SM403	Bicarbonate	06/08/89	wet	1.0	mg/l
SM403	Carbonate	06/08/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	270	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.03	N/A	pH
ALKALINITY-TOTAL (SM403)	89.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	109.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	331	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0580 continued on next page)

(results for BAFB-0580 continued)

Field No. : BAFB-0580
Laboratory No. : 23454-1
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	25.2	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.050	mg/l
NITRATE + NITRITE (E353.3)	19.3	0.13	mg/l
SULFATE (E375.4)	16.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	17.1	1.00	
Magnesium	11.2	1.00	
Sodium	29.5	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	107	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	100	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0580 continued on next page)

(results for BAFB-0580 continued)

Field No. : BAFB-0580
Laboratory No. : 23454-1
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	49	N/A	
p-Terphenyl-d14 (SS)	67	N/A	
Phenol-d5 (SS)	70	N/A	
2-Fluorophenol (SS)	52	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0580)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0581
Laboratory No. : 23454-2
Field Replicate for BAFB-0580

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Tests performed on sample: BAFB-0581 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/08/89	wet	1.0	umhos/cm
E170.1	Temperature	06/08/89	wet	1.0	degrees c
E150.1	pH	06/08/89	wet	1.0	pH
SM403	Alkalinity - Total	06/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/08/89	wet	1.0	mg/l
SM403	Bicarbonate	06/08/89	wet	1.0	mg/l
SM403	Carbonate	06/08/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	270	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.03	N/A	pH
ALKALINITY-TOTAL (SM403)	90.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	110.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	285	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0581 continued on next page)

(results for BAFB-0581 continued)

Field No. : BAFB-0581
Laboratory No. : 23454-2
Field Replicate for BAFB-0580

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	25.2	1.0	mg/l
FLUORIDE (E340.2)	0.24	0.050	mg/l
NITRATE + NITRITE (E353.3)	19.8	0.13	mg/l
SULFATE (E375.4)	16.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	17.0	1.00	
Magnesium	11.0	1.00	
Potassium	1.20	1.00	
Sodium	29.1	1.00	
Zinc	0.042	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	108	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	4	1	
Trifluorotoluene (SS)	88	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0581 continued on next page)

(results for BAFB-0581 continued)

Field No. : BAFB-0581
Laboratory No. : 23454-2
Field Replicate for BAFB-0580

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
Nitrobenzene-d5 (SS)	69	N/A	
2-Fluorobiphenyl (SS)	73	N/A	
p-Terphenyl-d14 (SS)	75	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorophenol (SS)	59	N/A	
2,4,6-Tribromophenol (SS)	80	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0581)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0582
Laboratory No. : 23454-3
Equipment Wash Blank

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Tests performed on sample: BAFB-0582

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/20/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	33.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.37	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0582 continued on next page)

(results for BAFB-0582 continued)

Field No. : BAFB-0582
Laboratory No. : 23454-3
Equipment Wash Blank

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value		Detection Limit	Units
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Zinc	0.041		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	13	(19)	5	
Chloroform	3	(3)	1	
Bromochloromethane (SS)	98		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	7	(4)	1	
Trifluorotoluene (SS)	113		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	6	BJ	10	
bis(2-Ethylhexyl)Phthalate	20	B	10	
Nitrobenzene-d5 (SS)	66		N/A	
2-Fluorobiphenyl (SS)	67		N/A	
p-Terphenyl-d14 (SS)	86		N/A	
Phenol-d5 (SS)	79		N/A	
2-Fluorophenol (SS)	66		N/A	
2,4,6-Tribromophenol (SS)	93		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0582)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0583
Laboratory No. : 23454-4
Field Blank

Field Log No. : 19-C-3GW
Sampling Date : 06/08/89
Matrix : Water

Tests performed on sample: BAFB-0583 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	10	(11)	5	
Chloroform	3	(4)	1	
Bromochloromethane (SS)	97		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	8	(10)	1	
Trifluorotoluene (SS)	117		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0583)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0584
Laboratory No. : 23454-5
Normal Environmental Sample

Field Log No. : 19-C-4GW
Sampling Date : 06/08/89
Matrix : Water

Tests performed on sample: BAFB-0584 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/08/89	wet	1.0	umhos/cm
E170.1	Temperature	06/08/89	wet	1.0	degrees c
E150.1	pH	06/08/89	wet	1.0	pH
SM403	Alkalinity - Total	06/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/08/89	wet	1.0	mg/l
SM403	Bicarbonate	06/08/89	wet	1.0	mg/l
SM403	Carbonate	06/08/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/14/89	wet	1.0	mg/l
E325.3	Chloride	06/27/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/27/89	wet	1.0	mg/l
SW7421	Lead	06/26/89	wet	1.0	mg/l
SW7471	Mercury	06/23/89	wet	1.0	mg/l
SW7740	Selenium	06/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/14/89	wet	1.0	mg/l
SW6010	ICP Metals	06/22/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/21/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/21/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	272	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	6.85	N/A	pH
ALKALINITY-TOTAL (SM403)	68.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	83.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	272	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0584 continued on next page)

(results for BAFB-0584 continued)

Field No. : BAFB-0584
Laboratory No. : 23454-5
Normal Environmental Sample

Field Log No. : 19-C-4GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	31.0		1.0	mg/l
FLUORIDE (E340.2)	0.28		0.050	mg/l
NITRATE + NITRITE (E353.3)	18.7		0.13	mg/l
SULFATE (E375.4)	16.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	15.3		1.00	
Magnesium	9.81		1.00	
Sodium	27.7		1.00	
Zinc	0.054		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Carbon Tetrachloride	1	(2)	1	
Trichloroethene	3	(4)	1	
Bromochloromethane (SS)	99		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	109		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0584 continued on next page)

(results for BAFB-0584 continued)

Field No. : BAFB-0584
Laboratory No. : 23454-5
Normal Environmental Sample

Field Log No. : 19-C-4GW
Sampling Date : 06/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 BJ	10	
bis(2-Ethylhexyl)Phthalate	5 J	10	
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorobiphenyl (SS)	57	N/A	
p-Terphenyl-d14 (SS)	48	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorophenol (SS)	62	N/A	
2,4,6-Tribromophenol (SS)	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0584)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0595
Laboratory No. : 23500-1
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Tests performed on sample: BAFB-0595 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/13/89	wet	1.0	umhos/cm
E170.1	Temperature	06/13/89	wet	1.0	degrees c
E150.1	pH	06/13/89	wet	1.0	pH
SM403	Alkalinity - Total	06/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/13/89	wet	1.0	mg/l
SM403	Bicarbonate	06/13/89	wet	1.0	mg/l
SM403	Carbonate	06/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/20/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	07/07/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/28/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	1200	N/A	umhos/cm
TEMPERATURE (E170.1)	28.0	N/A	degrees c
pH (E150.1)	7.11	N/A	pH
ALKALINITY-TOTAL (SM403)	199.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	242.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	654	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0595 continued on next page)

(results for BAFB-0595 continued)

Field No. : BAFB-0595
Laboratory No. : 23500-1
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	148	1.0	mg/l
FLUORIDE (E340.2)	0.46	0.10	mg/l
NITRATE + NITRITE (E353.3)	1.3	0.050	mg/l
SULFATE (E375.4)	110	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	137	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.130	0.100	
Calcium	47.0	1.00	
Chromium	0.107	0.030	
Iron	0.168	0.100	
Magnesium	26.6	1.00	
Manganese	0.119	0.015	
Potassium	6.50	1.00	
Sodium	77.2	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	102	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0595 continued on next page)

Field No. : BAFB-0595
Laboratory No. : 23500-1
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1	1	
Ethylbenzene	2	1	
Total xylenes	5	1	
Trifluorotoluene (SS)	82	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Phenol	6 J	10	
4-Methylphenol	5 J	10	
Benzoic Acid	7 J	50	
Naphthalene	2 J	10	
N-Nitrosodiphenylamine (1)	6 BJ	10	
Phenanthrene	6 J	10	
Pyrene	5 J	10	
Benzo(a)anthracene	2 J	10	
Chrysene	3 J	10	
bis(2-Ethylhexyl)Phthalate	2 J	10	
Nitrobenzene-d5 (SS)	65	N/A	
2-Fluorobiphenyl (SS)	45	N/A	
p-Terphenyl-d14 (SS)	11	N/A	
Phenol-d5 (SS)	55	N/A	
2-Fluorophenol (SS)	42	N/A	
2,4,6-Tribromophenol (SS)	35	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0595)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0596
Laboratory No. : 23500-2
Field Replicate for BAFB-0595

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Tests performed on sample: BAFB-0596

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	06/13/89	wet	1.0	umhos/cm
E170.1	Temperature	06/13/89	wet	1.0	degrees c
E150.1	pH	06/13/89	wet	1.0	pH
SM403	Alkalinity - Total	06/13/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	06/13/89	wet	1.0	mg/l
SM403	Bicarbonate	06/13/89	wet	1.0	mg/l
SM403	Carbonate	06/13/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/20/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	07/07/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/28/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	1200	N/A	umhos/cm
TEMPERATURE (E170.1)	28.0	N/A	degrees c
pH (E150.1)	7.12	N/A	pH
ALKALINITY-TOTAL (SM403)	206.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	251.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	663	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0596 continued on next page)

(results for BAFB-0596 continued)

Field No. : BAFB-0596
Laboratory No. : 23500-2
Field Replicate for BAFB-0595

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	127	1.0	mg/l
FLUORIDE (E340.2)	0.48	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.93	0.050	mg/l
SULFATE (E375.4)	128	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	99.4	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Barium	0.132	0.100	
Calcium	47.9	1.00	
Chromium	0.108	0.030	
Iron	0.151	0.100	
Magnesium	27.2	1.00	
Manganese	0.121	0.015	
Potassium	7.00	1.00	
Sodium	79.0	1.00	
Zinc	0.042	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	105	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0596 continued on next page)

(results for BAFB-0596 continued)

Field No. : BAFB-0596
Laboratory No. : 23500-2
Field Replicate for BAFB-0595

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Description	Value		Detection Limit	Units
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(1)	1	
Ethylbenzene	2		1	
Total xylenes	5		1	
Trifluorotoluene (SS)	92		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Phenol	11		10	
2-Methylphenol	17		10	
Benzoic Acid	7	J	50	
Naphthalene	2	J	10	
N-Nitrosodiphenylamine (1)	6	BJ	10	
Phenanthrene	11		10	
Fluoranthene	9	J	10	
Pyrene	8	J	10	
Benzo(a)anthracene	4	J	10	
Chrysene	5	J	10	
bis(2-Ethylhexyl)Phthalate	2	J	10	
Benzo(b)fluoranthene	2	J	10	
Benzo(k)fluoranthene	3	J	10	
Benzo(a)pyrene	3	J	10	
Nitrobenzene-d5 (SS)	59		N/A	
2-Fluorobiphenyl (SS)	47		N/A	
p-Terphenyl-d14 (SS)	6		N/A	
Phenol-d5 (SS)	58		N/A	
2-Fluorophenol (SS)	42		N/A	
2,4,6-Tribromophenol (SS)	33		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0596)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0597
Laboratory No. : 23500-3
Equipment Wash Blank

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Tests performed on sample: BAFB-0597

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	06/20/89	wet	1.0	mg/l
E325.3	Chloride	07/06/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	07/06/89	wet	1.0	mg/l
E375.4	Sulfate	07/07/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	07/07/89	wet	1.0	mg/l
SW7421	Lead	07/09/89	wet	1.0	mg/l
SW7471	Mercury	07/07/89	wet	1.0	mg/l
SW7740	Selenium	07/06/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/16/89	wet	1.0	mg/l
SW6010	ICP Metals	06/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/27/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1) (non-detect)	<3.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.43	0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0597 continued on next page)

(results for BAFB-0597 continued)

Field No. : BAFB-0597
Laboratory No. : 23500-3
Equipment Wash Blank

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Description	Value		Detection Limit	Units
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Zinc	0.041		0.020	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Chloroform	4	(4)	1	
Bromochloromethane (SS)	110		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	105		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
N-Nitrosodiphenylamine (1)	4 BJ		10	
Nitrobenzene-d5 (SS)	64		N/A	
2-Fluorobiphenyl (SS)	70		N/A	
p-Terphenyl-d14 (SS)	85		N/A	
Phenol-d5 (SS)	63		N/A	
2-Fluorophenol (SS)	52		N/A	
2,4,6-Tribromophenol (SS)	89		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0597)

BEALE AFB SITE 19: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0598
Laboratory No. : 23500-4
Field Blank

Field Log No. : 19-C-1SW
Sampling Date : 06/13/89
Matrix : Water

Tests performed on sample: BAFB-0598 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	06/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/26/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Chloroform	3	(4)	1	
Bromochloromethane (SS)	111		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	1	(4)	1	
Trifluorotoluene (SS)	105		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0598)

SITE 19

Water Data 3rd Round Sampling 1989

(results for BAFB-0631 continued)

Field No. : BAFB-0631
Laboratory No. : 24265-1
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 09/08/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	30.8		1.0	mg/l
FLUORIDE (E340.2)	0.15		0.10	mg/l
NITRATE + NITRITE (E353.3)	27.8		0.13	mg/l
SULFATE (E375.4)	14.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	17.5		1.00	
Magnesium	10.2		1.00	
Sodium	21.1		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	3	(3)	1	
Bromochloromethane	109		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	94		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0631 continued on next page)

(results for BAFB-0631 continued)

Field No. : BAFB-0631
Laboratory No. : 24265-1
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 09/08/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)Phthalate	8 J	10	
Nitrobenzene-d5 (SS)	70	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
p-Terphenyl-d14 (SS)	81	N/A	
Phenol-d5 (SS)	57	N/A	
2-Fluorophenol (SS)	53	N/A	
2,4,6-Tribromophenol (SS)	52	N/A	
DIOXINS, FURANS (PCDFs) (SW8080)			ug/l
Tetra Dioxins	<0.00013	0.00013	
Penta Dioxins	<0.00080	0.00080	
Hexa Dioxins	<0.00027	0.00027	
Hepta Dioxins	<0.00040	0.00040	
Octa Dioxins	<0.0013	0.0013	
Tetra Dioxins	<0.00011	0.00011	
Penta Furans	<0.00054	0.00054	
Hexa Furans	<0.00060	0.00060	
Hepta Furans	<0.00041	0.00041	
Octa Furans	<0.00069	0.00069	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0631)

BEALE AFB SITE 19: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0629
Laboratory No. : 24246-2
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 09/07/89
Matrix : Water

Tests performed on sample: BAFB-0629

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/07/89	wet	1.0	umhos/cm
E170.1	Temperature	09/07/89	wet	1.0	degrees c
E150.1	pH	09/07/89	wet	1.0	pH
SM403	Alkalinity - Total	09/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/07/89	wet	1.0	mg/l
SM403	Bicarbonate	09/07/89	wet	1.0	mg/l
SM403	Carbonate	09/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/14/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	10/03/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/29/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/09/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/09/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/29/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	302	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.30	N/A	pH
ALKALINITY-TOTAL (SM403)	95.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	240	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0629 continued on next page)

(results for BAFB-0629 continued)

Field No. : BAFB-0629
Laboratory No. : 24246-2
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 09/07/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	25.7	1.0	mg/l
FLUORIDE (E340.2)	0.22	0.10	mg/l
NITRATE + NITRITE (E353.3)	22.7	0.13	mg/l
SULFATE (E375.4)	20.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	24.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.3	1.00	
Magnesium	14.1	1.00	
Sodium	20.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	112	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	1	1	
Trifluorotoluene (SS)	104	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0629 continued on next page)

(results for BAFB-0629 continued)

Field No. : BAFB-0629
Laboratory No. : 24246-2
Normal Environmental Sample

Field Log No. : 19-C-2GW
Sampling Date : 09/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	6 J	10	
Nitrobenzene-d5 (SS)	82	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	80	N/A	
2-Fluorophenol (SS)	78	N/A	
2,4,6-Tribromophenol (SS)	76	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0629)

BEALE AFB SITE 19: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0630
Laboratory No. : 24246-3
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 09/07/89
Matrix : Water

Tests performed on sample: BAFB-0630

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/07/89	wet	1.0	umhos/cm
E170.1	Temperature	09/07/89	wet	1.0	degrees c
E150.1	pH	09/07/89	wet	1.0	pH
SM403	Alkalinity - Total	09/07/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/07/89	wet	1.0	mg/l
SM403	Bicarbonate	09/07/89	wet	1.0	mg/l
SM403	Carbonate	09/07/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/14/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	10/03/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/29/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/09/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/09/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	280	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.49	N/A	pH
ALKALINITY-TOTAL (SM403)	83.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	101.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	228	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0630 continued on next page)

(results for BAFB-0630 continued)

Field No. : BAFB-0630
Laboratory No. : 24246-3
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 09/07/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	24.8	1.0	mg/l
FLUORIDE (E340.2)	0.25	0.10	mg/l
NITRATE + NITRITE (E353.3)	21.1	0.13	mg/l
SULFATE (E375.4)	14.0	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	16.4	1.00	
Magnesium	10.3	1.00	
Potassium	1.50	1.00	
Sodium	27.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	107	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	13	1	
Trifluorotoluene (SS)	92	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0630 continued on next page)

(results for BAFB-0630 continued)

Field No. : BAFB-0630
Laboratory No. : 24246-3
Normal Environmental Sample

Field Log No. : 19-C-3GW
Sampling Date : 09/07/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	5 J	10	
bis(2-Ethylhexyl)Phthalate	7 J	10	
Nitrobenzene-d5 (SS)	84	N/A	
2-Fluorobiphenyl (SS)	82	N/A	
p-Terphenyl-d14 (SS)	91	N/A	
Phenol-d5 (SS)	67	N/A	
2-Fluorophenol (SS)	66	N/A	
2,4,6-Tribromophenol (SS)	68	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0630)

BEALE AFB SITE 19: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0632
Laboratory No. : 24272-2
Normal Environmental Sample

Field Log No. : 19-C-4GW
Sampling Date : 09/11/89
Matrix : Water

Tests performed on sample: BAFB-0632

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/11/89	wet	1.0	umhos/cm
E170.1	Temperature	09/11/89	wet	1.0	degrees c
E150.1	pH	09/11/89	wet	1.0	pH
SM403	Alkalinity - Total	09/11/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/11/89	wet	1.0	mg/l
SM403	Bicarbonate	09/11/89	wet	1.0	mg/l
SM403	Carbonate	09/11/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/18/89	wet	1.0	mg/l
E325.3	Chloride	10/09/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/06/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/10/89	wet	1.0	mg/l
SW7060	Arsenic	09/22/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/13/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/20/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/20/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/02/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	288	N/A	umhos/cm
TEMPERATURE (E170.1)	22.5	N/A	degrees c
pH (E150.1)	7.33	N/A	pH
ALKALINITY-TOTAL (SM403)	70.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	85.9	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	241	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0632 continued on next page)

BEALE AFB SITE 19: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0631
Laboratory No. : 24265-1
Normal Environmental Sample

Field Log No. : 19-C-1GW
Sampling Date : 09/08/89
Matrix : Water

Tests performed on sample: BAFB-0631

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/08/89	wet	1.0	umhos/cm
E170.1	Temperature	09/08/89	wet	1.0	degrees c
E150.1	pH	09/08/89	wet	1.0	pH
SM403	Alkalinity - Total	09/08/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/08/89	wet	1.0	mg/l
SM403	Bicarbonate	09/08/89	wet	1.0	mg/l
SM403	Carbonate	09/08/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/14/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	10/05/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/29/89	wet	1.0	mg/l
SW7060	Arsenic	09/22/89	wet	1.0	mg/l
SW7421	Lead	09/26/89	wet	1.0	mg/l
SW7471	Mercury	09/15/89	wet	1.0	mg/l
SW7740	Selenium	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/19/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/19/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/26/89	wet	1.0	ug/l
SW8080	Dioxins, Furans (PCDFs)	09/22/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	256	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.24	N/A	pH
ALKALINITY-TOTAL (SM403)	62.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	75.6	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	219	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0631 continued on next page)

(results for BAFB-0632 continued)

Field No. : BAFB-0632
Laboratory No. : 24272-2
Normal Environmental Sample

Field Log No. : 19-C-4GW
Sampling Date : 09/11/89
Matrix : Water

Description	Value		Detection Limit	Units
CHLORIDE (E325.3)	32.0		1.0	mg/l
FLUORIDE (E340.2)	0.21		0.10	mg/l
NITRATE + NITRITE (E353.3)	18.1		0.13	mg/l
SULFATE (E375.4)	17.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	2.2		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005		0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	15.0		1.00	
Magnesium	9.42		1.00	
Potassium	1.20		1.00	
Sodium	25.7		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(3)	1	
Bromochloromethane (SS)	104		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	77		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0632 continued on next page)

(results for BAFB-0632 continued)

Field No. : BAFB-0632
Laboratory No. : 24272-2
Normal Environmental Sample

Field Log No. : 19-C-4GW
Sampling Date : 09/11/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Nitrobenzene-d5 (SS)	87	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorophenol (SS)	74	N/A	
2,4,6-Tribromophenol (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0632)

BEALE AFB SITE 19: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0651
Laboratory No. : 24350-4
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 09/18/89
Matrix : Water

Tests performed on sample: BAFB-0651

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/18/89	wet	1.0	umhos/cm
E170.1	Temperature	09/18/89	wet	1.0	degrees c
E150.1	pH	09/18/89	wet	1.0	pH
SM403	Alkalinity - Total	09/18/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/18/89	wet	1.0	mg/l
SM403	Bicarbonate	09/18/89	wet	1.0	mg/l
SM403	Carbonate	09/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/25/89	wet	1.0	mg/l
E325.3	Chloride	10/10/89	wet	1.0	mg/l
E340.2	Fluoride	10/13/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	10/12/89	wet	1.0	mg/l
E375.4	Sulfate	10/10/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	10/06/89	wet	1.0	mg/l
SW7060	Arsenic	09/26/89	wet	1.0	mg/l
SW7421	Lead	09/28/89	wet	1.0	mg/l
SW7471	Mercury	09/29/89	wet	1.0	mg/l
SW7740	Selenium	09/26/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	10/20/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/25/89	wet	1.0	mg/l
SW6010	ICP Metals	10/05/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/26/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/26/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	10/10/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	52	N/A	umhos/cm
TEMPERATURE (E170.1)	15.5	N/A	degrees c
pH (E150.1)	7.45	N/A	pH
ALKALINITY-TOTAL (SM403)	25.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	31.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	52.0	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0651 continued on next page)

(results for BAFB-0651 continued)

Field No. : BAFB-0651
Laboratory No. : 24350-4
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	4.1	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	1.9	0.13	mg/l
SULFATE (E375.4)	8.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	24.1	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	4.90	1.00	
Iron	0.149	0.100	
Magnesium	1.80	1.00	
Manganese	0.043	0.015	
Potassium	2.30	1.00	
Sodium	3.34	1.00	
Zinc	0.062	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	131	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0651 continued on next page)

(results for BAFB-0651 continued)

Field No. : BAFB-0651
Laboratory No. : 24350-4
Normal Environmental Sample

Field Log No. : 19-C-1SW
Sampling Date : 09/18/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
bis(2-Ethylhexyl)Phthalate	9 J	10	
Nitrobenzene-d5 (SS)	92	N/A	
2-Fluorobiphenyl (SS)	91	N/A	
p-Terphenyl-d14 (SS)	90	N/A	
Phenol-d5 (SS)	70	N/A	
2-Fluorophenol (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0651)

SITE 19

Water Data 4th Round Sampling 1989

BEALE AFB SITE 19: Water Data 4th Round Sampling 1989

Field No. : BAFB-0699
Laboratory No. : 24934-1
Normal Environmental Sample

Location : 19-C-1GW
Sampling Date : 11/19/89
Matrix : Water

Tests performed on sample: BAFB-0699

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/19/89	wet	1.0	umhos/cm
E170.1	Temperature	11/19/89	wet	1.0	degrees c
E150.1	pH	11/19/89	wet	1.0	pH
SM403	Alkalinity - Total	11/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/19/89	wet	1.0	mg/l
SM403	Bicarbonate	11/19/89	wet	1.0	mg/l
SM403	Carbonate	11/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/02/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/02/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/14/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	252	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.29	N/A	pH
ALKALINITY-TOTAL (SM403)	64.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	78.6	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0699 continued on next page)

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(results for BAFB-0699 continued)

Field No. : BAFB-0699
Laboratory No. : 24934-1
Normal Environmental Sample

Location : 19-C-1GW
Sampling Date : 11/19/89
Matrix : Water

Description	Value	Detection Limit	Units
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	263	3.0	mg/l
CHLORIDE (E325.3)	28.8	1.0	mg/l
FLUORIDE (E340.2)	0.55	0.10	mg/l
NITRATE + NITRITE (E353.3)	19.7	0.13	mg/l
SULFATE (E375.4)	12.8	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.070	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Aluminum	7.23	0.200	
Barium	0.131	0.100	
Calcium	18.6	1.00	
Iron	11.2	0.100	
Magnesium	11.6	1.00	
Manganese	0.388	0.0150	
Potassium	1.22	1.00	
Sodium	20.8	1.00	
Zinc	0.0210	0.0200	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0699 continued on next page)

(results for BAFB-0699 continued)

Field No. : BAFB-0699
Laboratory No. : 24934-1
Normal Environmental Sample

Location : 19-C-1GW
Sampling Date : 11/19/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	4 (4)	1	
Tetrachloroethene	2 (0)	1	
Bromochloromethane (SS)	126	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	60	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	8 J	10	
N-Nitrosodiphenylamine (1)	7 J	10	
Di-n-Butylphthalate	7 J	10	
Nitrobenzene-d5 (SS)	21	N/A	
2-Fluorobiphenyl (SS)	23	N/A	
p-Terphenyl-d14 (SS)	31	N/A	
Phenol-d5 (SS)	14	N/A	
2-Fluorophenol (SS)	15	N/A	
2,4,6-Tribromophenol (SS)	12	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0699)

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BEALE AFB SITE 19: Water Data 4th Round Sampling 1989

Field No. : BAFB-0701
Laboratory No. : 24939-2
Normal Environmental Sample

Location : 19-C-2GW
Sampling Date : 11/20/89
Matrix : Water

Tests performed on sample: BAFB-0701

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/20/89	wet	1.0	umhos/cm
E170.1	Temperature	11/20/89	wet	1.0	degrees c
E150.1	pH	11/20/89	wet	1.0	pH
SM403	Alkalinity - Total	11/20/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/20/89	wet	1.0	mg/l
SM403	Bicarbonate	11/20/89	wet	1.0	mg/l
SM403	Carbonate	11/20/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/22/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/29/89	wet	1.0	mg/l
SW6010	ICP Metals	12/18/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/04/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/04/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/14/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	320	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.23	N/A	pH
ALKALINITY-TOTAL (SM403)	97.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	118.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0701 continued on next page)

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(results for BAFB-0701 continued)

Field No. : BAFB-0701
Laboratory No. : 24939-2
Normal Environmental Sample

Location : 19-C-2GW
Sampling Date : 11/20/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	235	3.0	mg/l
CHLORIDE (E325.3)	26.8	1.0	mg/l
FLUORIDE (E340.2)	0.26	0.10	mg/l
NITRATE + NITRITE (E353.3)	13.3	0.13	mg/l
SULFATE (E375.4)	20.9	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	22.5	1.00	
Magnesium	14.4	1.00	
Sodium	22.0	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	115	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	91	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0701 continued on next page)

(results for BAFB-0701 continued)

Field No. : BAFB-0701
Laboratory No. : 24939-2
Normal Environmental Sample

Location : 19-C-2GW
Sampling Date : 11/20/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	6 BJ	10	
N-Nitrosodiphenylamine (1)	7 BJ	10	
Di-n-Butylphthalate	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	9 J	10	
Nitrobenzene-d5 (SS)	62	N/A	
2-Fluorobiphenyl (SS)	64	N/A	
p-Terphenyl-d14 (SS)	92	N/A	
Phenol-d5 (SS)	61	N/A	
2-Fluorophenol (SS)	58	N/A	
2,4,6-Tribromophenol (SS)	54	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values .

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0701)

BEALE AFB SITE 19: Water Data 4th Round Sampling 1989

Field No. : BAFB-0698
Laboratory No. : 24925-10
Normal Environmental Sample

Location : 19-C-3GW
Sampling Date : 11/19/89
Matrix : Water

Tests performed on sample: BAFB-0698 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/19/89	wet	1.0	umhos/cm
E170.1	Temperature	11/19/89	wet	1.0	degrees c
E150.1	pH	11/19/89	wet	1.0	pH
SM403	Alkalinity - Total	11/19/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/19/89	wet	1.0	mg/l
SM403	Bicarbonate	11/19/89	wet	1.0	mg/l
SM403	Carbonate	11/19/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	11/21/89	wet	1.0	mg/l
E325.3	Chloride	12/08/89	wet	1.0	mg/l
E340.2	Fluoride	12/08/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/07/89	wet	1.0	mg/l
E375.4	Sulfate	12/08/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	11/27/89	wet	1.0	mg/l
SW7060	Arsenic	11/29/89	wet	1.0	mg/l
SW7421	Lead	11/29/89	wet	1.0	mg/l
SW7471	Mercury	11/30/89	wet	1.0	mg/l
SW7740	Selenium	12/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/15/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	11/30/89	wet	1.0	mg/l
SW6010	ICP Metals	11/28/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/02/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/02/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/07/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	280	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.38	N/A	pH
ALKALINITY-TOTAL (SM403)	94.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.7	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0698 continued on next page)

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(results for BAFB-0698 continued)

Field No. : BAFB-0698
Laboratory No. : 24925-10
Normal Environmental Sample

Location : 19-C-3GW
Sampling Date : 11/19/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	272		3.0	mg/l
CHLORIDE (E325.3)	24.6		1.0	mg/l
FLUORIDE (E340.2)	0.32		0.10	mg/l
NITRATE + NITRITE (E353.3)	16.2		0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.070		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	17.1		1.00	
Magnesium	10.4		1.00	
Potassium	1.25		1.00	
Sodium	28.1		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Tetrachloroethene	1	(0)	1	
Bromochloromethane (SS)	112		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	63		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0698 continued on next page)

Field No. : BAFB-0698
Laboratory No. : 24925-10
Normal Environmental Sample

Location : 19-C-3GW
Sampling Date : 11/19/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Nitrobenzene-d5 (SS)	8	N/A	
2-Fluorobiphenyl (SS)	15	N/A	
p-Terphenyl-d14 (SS)	41	N/A	
Phenol-d5 (SS)	17	N/A	
2-Fluorophenol (SS)	17	N/A	
2,4,6-Tribromophenol (SS)	10	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0698)

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BEALE AFB SITE 19: Water Data 4th Round Sampling 1989

Field No. : BAFB-0725
Laboratory No. : 25059-4
Normal Environmental Sample

Location : 19-C-4GW
Sampling Date : 12/01/89
Matrix : Water

Tests performed on sample: BAFB-0725

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	12/01/89	wet	1.0	umhos/cm
E170.1	Temperature	12/01/89	wet	1.0	degrees c
E150.1	pH	12/01/89	wet	1.0	pH
SM403	Alkalinity - Total	12/01/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	12/01/89	wet	1.0	mg/l
SM403	Bicarbonate	12/01/89	wet	1.0	mg/l
SM403	Carbonate	12/01/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/22/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/16/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/26/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	250	N/A	umhos/cm
TEMPERATURE (E170.1)	19.0	N/A	degrees c
pH (E150.1)	7.57	N/A	pH
ALKALINITY-TOTAL (SM403)	82.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	100.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0725 continued on next page)

site19w4.jl

(results for BAFB-0725 continued)

Field No. : BAFB-0725
Laboratory No. : 25059-4
Normal Environmental Sample

Location : 19-C-4GW
Sampling Date : 12/01/89
Matrix : Water

Description	Value		Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	245		3.0	mg/l
CHLORIDE (E325.3)	32.2		1.0	mg/l
FLUORIDE (E340.2)	0.28		0.10	mg/l
NITRATE + NITRITE (E353.3)	18.1		0.13	mg/l
SULFATE (E375.4)	18.0		1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.060		0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	16.0		1.00	
Magnesium	9.83		1.00	
Sodium	27.1		1.00	
PURGEABLE HALOCARBONS (SW8010)				ug/l
Trichloroethene	2	(3)	1	
Bromochloromethane	83		N/A	
PURGEABLE AROMATICS (SW8020)				ug/l
Trifluorotoluene (SS)	100		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0725 continued on next page)

(results for BAFB-0725 continued)

Field No. : BAFB-0725
Laboratory No. : 25059-4
Normal Environmental Sample

Location : 19-C-4GW
Sampling Date : 12/01/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	10	10	
Di-n-Butylphthalate	11 B	10	
Nitrobenzene-d5 (SS)	51	N/A	
2-Fluorobiphenyl (SS)	66	N/A	
p-Terphenyl-d14 (SS)	120	N/A	
Phenol-d5 (SS)	29	N/A	
2-Fluorophenol (SS)	29	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0725)

site19w4.jl

BEALE AFB SITE 19: Water Data 4th Round Sampling 1989

Field No. : BAFB-0731
Laboratory No. : 25118-2
Normal Environmental Sample

Location : 19-C-1SW
Sampling Date : 12/05/89
Matrix : Water

Tests performed on sample: BAFB-0731 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	12/05/89	wet	1.0	umhos/cm
E170.1	Temperature	12/05/89	wet	1.0	degrees c
E150.1	pH	12/05/89	wet	1.0	pH
E160.1	Total Dissolved Solids	12/11/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/13/89	wet	1.0	mg/l
SW7060	Arsenic	12/20/89	wet	1.0	mg/l
SW7421	Lead	12/27/89	wet	1.0	mg/l
SW7471	Mercury	12/19/89	wet	1.0	mg/l
SW7740	Selenium	12/22/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/18/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/14/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/14/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	01/15/90	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	610	N/A	umhos/cm
TEMPERATURE (E170.1)	7.0	N/A	degrees c
pH (E150.1)	4.15	N/A	pH
ALKALINITY-TOTAL (SM403) (non-detect)	<10.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0731 continued on next page)

(results for BAFB-0731 continued)

Field No. : BAFB-0731
Laboratory No. : 25118-2
Normal Environmental Sample

Location : 19-C-1SW
Sampling Date : 12/05/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	445	3.0	mg/l
CHLORIDE (E325.3)	24.8	1.0	mg/l
FLUORIDE (E340.2)	0.28	0.10	mg/l
NITRATE + NITRITE (E353.3)	6.2	0.13	mg/l
SULFATE (E375.4)	320	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	77.9	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.16	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Aluminum	3.00	0.200	
Cadmium	0.0369	0.0100	
Calcium	46.7	1.00	
Chromium	0.137	0.0300	
Cobalt	0.0552	0.0400	
Copper	1.68	0.0300	
Iron	4.67	0.100	
Magnesium	14.5	1.00	
Manganese	1.22	0.0150	
Nickel	0.0631	0.0400	
Potassium	4.89	1.00	
Sodium	29.4	1.00	
Zinc	2.44	0.0200	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0731 continued on next page)

(results for BAFB-0731 continued)

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Trichloroethene	30 (0)	1	
Bromochloromethane (SS)	127	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	95	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	7 J	10	
Di-n-Butylphthalate	6 BJ	10	
Nitrobenzene-d5 (SS)	61	N/A	
2-Fluorobiphenyl (SS)	67	N/A	
p-Terphenyl-d14 (SS)	51	N/A	
Phenol-d5 (SS)	56	N/A	
2-Fluorophenol (SS)	38	N/A	
2,4,6-Tribromophenol (SS)	53	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0731)

SITE 20

Soil Analyses

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0054
Laboratory No. : 21654-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0054

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
SW1010	Ignitability	12/05/88	dry	1.0	Y/N
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9071	Oil and Grease	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/30/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	12/29/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.3	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	0.11	0.080	mg/kg
OIL AND GREASE (SW9071)	460	330	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15000	26.8	
Barium	147	13.4	
Beryllium	0.80	0.67	
Calcium	3750	134	
Chromium	36.5	4.0	
Cobalt	21.4	5.4	
Copper	38.0	4.0	
Iron	26800	13.4	
Magnesium	3640	134	
Manganese	659	2.0	
Nickel	18.7	5.4	
Potassium	535	268	
Sodium	290	134	
Vanadium	78.4	5.4	
Zinc	53.3	2.7	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0054 continued on next page)

(results for BAFB-0054 continued)

Field No. : BAFB-0054
Laboratory No. : 21654-5
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	1.3	0.84	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	83	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	2.7 B	0.88	
bis(2-Ethylhexyl)Phthalate	0.58 J	0.88	
2-Fluorophenol (SS)	65	N/A	
Phenol-d5 (SS)	84	N/A	
Nitrobenzene-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	88	N/A	
2,4,6-Tribromophenol (SS)	65	N/A	
p-Terphenyl-d14 (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0054)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0055
Laboratory No. : 21654-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-2SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0055

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
SW1010	Ignitability	12/05/88	dry	1.0	Y/N
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9071	Oil and Grease	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/30/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	12/29/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	36.5	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	1.4	0.094	mg/kg
OIL AND GREASE (SW9071)	4000	390	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	7320	31.5	
Barium	206	15.7	
Cadmium	2.2	1.6	
Calcium	5530	157	
Chromium	38.0	4.7	
Cobalt	8.5	6.3	
Copper	133	4.7	
Iron	11500	15.7	
Magnesium	1610	157	
Manganese	261	2.4	
Nickel	11.3	6.3	
Silver	11.5	4.7	
Sodium	280	157	
Vanadium	37.6	6.3	
Zinc	189	3.1	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0055 continued on next page)

(results for BAFB-0055 continued)

Field No. : BAFB-0055
Laboratory No. : 21654-6
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-2SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.85 J	0.99	
1,2-Dichloroethane-d4 (SS)	88	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	88	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	3.0 B	1.0	
Naphthalene	0.68 J	1.0	
2-Methylnaphthalene	0.63 J	1.0	
bis(2-Ethylhexyl)Phthalate	6.3	1.0	
2-Fluorophenol (SS)	58	N/A	
Phenol-d5 (SS)	80	N/A	
Nitrobenzene-d5 (SS)	76	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
2,4,6-Tribromophenol (SS)	74	N/A	
p-Terphenyl-d14 (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0055)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0056
Laboratory No. : 21654-7
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-3SS
Sampling Date : 11/21/88
Matrix : Soil

Tests performed on sample: BAFB-0056

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
SW1010	Ignitability	12/05/88	dry	1.0	Y/N
SW7471	Mercury	12/01/88	dry	1.0	mg/kg
SW9071	Oil and Grease	12/14/88	dry	1.0	mg/kg
SW6010	ICP Metals	12/06/88	dry	1.0	mg/kg
SW8240	Volatile Organics	11/30/88	dry	125.0	mg/kg
SW8270	Semi-Volatile Organics	12/29/88	dry	2.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	36	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471)	3.0	0.094	mg/kg
OIL AND GREASE (SW9071)	2600	390	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14900	31.3	
Barium	491	15.6	
Cadmium	5.9	1.6	
Calcium	6140	156	
Chromium	56.4	4.7	
Cobalt	13.4	6.3	
Copper	192	4.7	
Iron	24500	15.6	
Lead	84.1	31.3	
Magnesium	3380	156	
Manganese	588	2.3	
Nickel	20.3	6.3	
Potassium	625	313	
Silver	58.6	4.7	
Sodium	8190	156	
Vanadium	65.3	6.3	
Zinc	411	3.1	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0056 continued on next page)

(results for BAFB-0056 continued)

Field No. : BAFB-0056
Laboratory No. : 21654-7
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-3SS
Sampling Date : 11/21/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.97 J	0.98	
Acetone	1.7 J	2.0	
Toluene	2.0	0.98	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	87	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Phenol	33 B	1.0	
4-Methylphenol	13	1.0	
2,4-Dimethylphenol	0.77 J	1.0	
Benzoic Acid	2.7 J	5.0	
bis(2-Ethylhexyl)Phthalate	5.6	1.0	
2-Fluorophenol (SS)	59	N/A	
Phenol-d5 (SS)	81	N/A	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
2,4,6-Tribromophenol (SS)	67	N/A	
p-Terphenyl-d14 (SS)	79	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0056)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0317
Laboratory No. : 22053-3
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0317

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
SW9071	Oil and Grease	01/30/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/16/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/13/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	13.3	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.069	0.069	mg/kg
OIL AND GREASE (SW9071) (non-detect)	<290	290	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	8790	23.1	
Barium	120	11.5	
Calcium	2790	115	
Chromium	30.9	3.5	
Cobalt	17.3	4.6	
Copper	27.9	3.5	
Iron	20300	11.5	
Magnesium	3930	115	
Manganese	567	1.7	
Nickel	18.5	4.6	
Sodium	187	115	
Vanadium	69.6	4.6	
Zinc	34.8	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0317 continued on next page)

(results for BAFB-0317 continued)

Field No. : BAFB-0317
Laboratory No. : 22053-3
Sample Depth : 7.50 - 9.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006	0.006	
Acetone	0.028	0.012	
2-Butanone	0.009 J	0.012	
Toluene	0.036	0.006	
1,2-Dichloroethane-d4 (SS)	97	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	64	N/A	
2-Fluorophenol (SS)	59	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
2,4,6-Tribromophenol (SS)	77	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0317)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0318
Laboratory No. : 22053-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0318 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
SW9071	Oil and Grease	01/30/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.3	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.075	0.075	mg/kg
OIL AND GREASE (SW9071) (non-detect)	<310	310	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15800	25.1	
Barium	108	12.5	
Calcium	2900	125	
Chromium	35.3	3.8	
Cobalt	12.5	5.0	
Copper	30.1	3.8	
Iron	27100	12.5	
Magnesium	4770	125	
Manganese	596	1.9	
Nickel	36.5	5.0	
Potassium	552	251	
Sodium	248	125	
Thallium	74.0	62.7	
Vanadium	66.0	5.0	
Zinc	53.1	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0318 continued on next page)

(results for BAFB-0318 continued)

Field No. : BAFB-0318
Laboratory No. : 22053-4
Sample Depth : 17.50 - 19.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.016	0.006	
Acetone	0.029	0.013	
Carbon Disulfide	0.004 J	0.006	
Toluene	0.10	0.006	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	74	N/A	
2-Fluorophenol (SS)	74	N/A	
p-Terphenyl-d14 (SS)	95	N/A	
Phenol-d5 (SS)	77	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0318)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0319
Laboratory No. : 22053-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0319

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
SW9071	Oil and Grease	01/30/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	38.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.098	0.098	mg/kg
OIL AND GREASE (SW9071) (non-detect)	<410	410	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23600	32.6	
Barium	84.7	16.3	
Calcium	8080	163	
Chromium	74.3	4.9	
Cobalt	16.3	6.5	
Copper	58.5	4.9	
Iron	38800	16.3	
Magnesium	11600	163	
Manganese	334	2.4	
Nickel	41.0	6.5	
Potassium	928	326	
Sodium	332	163	
Vanadium	66.0	6.5	
Zinc	92.2	3.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0319 continued on next page)

(results for BAFB-0319 continued)

Field No. : BAFB-0319
Laboratory No. : 22053-5
Sample Depth : 27.50 - 29.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.026	0.008	
Acetone	0.049	0.016	
Carbon Disulfide	0.005 J	0.008	
2-Butanone	0.034	0.016	
Toluene	0.050	0.008	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorophenol (SS)	78	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	80	N/A	
2-Fluorobiphenyl (SS)	80	N/A	
2,4,6-Tribromophenol (SS)	86	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0319)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0320
Laboratory No. : 22053-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0320

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
SW9071	Oil and Grease	01/30/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.6	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.076	0.076	mg/kg
OIL AND GREASE (SW9071) (non-detect)	<310	310	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15100	25.2	
Barium	114	12.6	
Calcium	3680	126	
Chromium	38.4	3.8	
Cobalt	18.9	5.0	
Copper	32.5	3.8	
Iron	20300	12.6	
Magnesium	4330	126	
Manganese	655	1.9	
Nickel	38.0	5.0	
Potassium	390	252	
Sodium	382	126	
Thallium	68.9	63.0	
Vanadium	48.4	5.0	
Zinc	52.6	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0320 continued on next page)

(results for BAFB-0320 continued)

Field No. : BAFB-0320
Laboratory No. : 22053-6
Sample Depth : 37.50 - 39.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.019	0.006	
Acetone	0.038	0.013	
Carbon Disulfide	0.005 J	0.006	
2-Butanone	0.025	0.013	
Toluene	0.038	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	101	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorophenol (SS)	72	N/A	
p-Terphenyl-d14 (SS)	98	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	75	N/A	
2,4,6-Tribromophenol (SS)	71	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0320)

BEALE AFB SITE 20: Soil Data 1988/1989

Field No. : BAFB-0321
Laboratory No. : 22053-7
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Tests performed on sample: BAFB-0321 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/26/89	dry	1.0	%
SW1010	Ignitability	01/24/89	dry	1.0	Y/N
SW7471	Mercury	02/03/89	dry	1.0	mg/kg
SW9071	Oil and Grease	01/30/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/31/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/17/89	dry	1.0	mg/kg
SW8270	Semi-Volatile Organics	02/14/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
IGNITABILITY (SW1010)	NO	N/A	Y/N
MERCURY (SW7471) (non-detect)	<0.073	0.073	mg/kg
OIL AND GREASE (SW9071) (non-detect)	<310	310	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15900	24.4	
Barium	201	12.2	
Beryllium	0.61	0.61	
Calcium	5230	122	
Chromium	75.5	3.7	
Cobalt	31.3	4.9	
Copper	59.1	3.7	
Iron	36600	12.2	
Magnesium	7880	122	
Manganese	1380	1.8	
Nickel	50.4	4.9	
Potassium	379	244	
Sodium	247	122	
Vanadium	116	4.9	
Zinc	70.5	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0321 continued on next page)

(results for BAFB-0321 continued)

Field No. : BAFB-0321
Laboratory No. : 22053-7
Sample Depth : 47.50 - 49.00 ft. BGS
Normal Environmental Sample

Field Log No. : 20-C-1SB
Sampling Date : 01/10/89
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013	0.006	
Acetone	0.032	0.012	
Carbon Disulfide	0.004 J	0.006	
2-Butanone	0.018	0.012	
Toluene	0.038	0.006	
1,2-Dichloroethane-d4 (SS)	95	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			mg/kg
Nitrobenzene-d5 (SS)	80	N/A	
2-Fluorophenol (SS)	71	N/A	
p-Terphenyl-d14 (SS)	110	N/A	
Phenol-d5 (SS)	75	N/A	
2-Fluorobiphenyl (SS)	86	N/A	
2,4,6-Tribromophenol (SS)	84	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0321)

SITE 21

Soil Analyses

BEALE AFB SITE 21: Soil Data 1988/1989

Field No. : BAFB-0035
Laboratory No. : 21629-7
Sample Depth : 0.00 - 0.00 ft. BGS
Normal Environmental Sample

Field Log No. : 21-C-1SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0035		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	1900	1.2	mg/kg
TFH-GAS (TFH-GAS)	410	59	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0035)

BEALE AFB SITE 21: Soil Data 1988/1989

Field No. : BAFB-0036
Laboratory No. : 21629-8
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 21-C-2SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0036

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	15.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	48	1.2	mg/kg
TFH-GAS (TFH-GAS)	130	59	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0036)

BEALE AFB SITE 21: Soil Data 1988/1989

Field No. : BAFB-0037
Laboratory No. : 21629-9
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 21-C-3SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0037

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	12.2	N/A	%
TFH-DIESEL (TFH-DIESEL)	1400	1.1	mg/kg
TFH-GAS (TFH-GAS)	250	57	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0037)

BEALE AFB SITE 21: Soil Data 1988/1989

Field No. : BAFB-0038
Laboratory No. : 21629-10
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 21-C-4SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0038

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/01/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	24.4	N/A	%
TFH-DIESEL (TFH-DIESEL)	2500	1.3	mg/kg
TFH-GAS (TFH-GAS)	190	66	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0038)

BEALE AFB SITE 21: Soil Data 1988/1989

Field No. : BAFB-0039
Laboratory No. : 21629-11
Sample Depth : 0.00 - 1.00 ft. BGS
Normal Environmental Sample

Field Log No. : 21-C-5SS
Sampling Date : 11/18/88
Matrix : Soil

Tests performed on sample: BAFB-0039

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	12/02/88	dry	1.0	%
TFH-DIESEL	TFH-Diesel	12/13/88	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/02/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	71	1.3	mg/kg
TFH-GAS (TFH-GAS)	310	65	mg/kg

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0039)

SITE 21

Water Data 1st Round Sampling 1989

BEALE AFB SITE 21: Water Data 1st Round Sampling 1989

Field No. : BAFB-0482
Laboratory No. : 22659-1
Normal Environmental Sample

Field Log No. : 21-C-1GW
Sampling Date : 03/10/89
Matrix : Water

Tests performed on sample: BAFB-0482 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	03/10/89	wet	1.0	umhos/cm
E170.1	Temperature	03/10/89	wet	1.0	degreesc
E150.1	pH	03/10/89	wet	1.0	pH
SM403	Alkalinity - Total	03/10/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	03/10/89	wet	1.0	mg/l
SM403	Bicarbonate	03/10/89	wet	1.0	mg/l
SM403	Carbonate	03/10/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/16/89	wet	1.0	mg/l
E325.3	Chloride	03/27/89	wet	1.0	mg/l
E340.2	Fluoride	03/17/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/31/89	wet	1.0	mg/l
E375.4	Sulfate	04/03/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/24/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	03/14/89	wet	1.0	mg/l
SW6010	ICP Metals	03/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/23/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	188	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.48	N/A	pH
ALKALINITY-TOTAL (SM403)	70.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	86.4	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	233	3.0	mg/l
CHLORIDE (E325.3)	15.0	1.0	mg/l
FLUORIDE (E340.2)	0.33	0.050	mg/l
NITRATE + NITRITE (E353.3)	3.4	0.050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0482 continued on next page)

(results for BAFB-0482 continued)

Field No. : BAFB-0482
Laboratory No. : 22659-1
Normal Environmental Sample

Field Log No. : 21-C-1GW
Sampling Date : 03/10/89
Matrix : Water

Description	Value	Detection Limit	Units
SULFATE (E375.4)	30.8	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	0.20	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	15.6	1.00	
Potassium	6.90	1.00	
Magnesium	3.25	1.00	
Sodium	39.5	1.00	
Zinc	0.166	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	103	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0482)

SITE 21

Water Data 3rd Round Sampling 1989

BEALE AFB SITE 21: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0624
Laboratory No. : 24242-4
Normal Environmental Sample

Field Log No. : 21-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Tests performed on sample: BAFB-0624

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/06/89	wet	1.0	umhos/cm
E170.1	Temperature	09/06/89	wet	1.0	degrees c
E150.1	pH	09/06/89	wet	1.0	pH
SM403	Alkalinity - Total	09/06/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/06/89	wet	1.0	mg/l
SM403	Bicarbonate	09/06/89	wet	1.0	mg/l
SM403	Carbonate	09/06/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/13/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/28/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	190	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.76	N/A	pH
ALKALINITY-TOTAL (SM403)	68.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	83.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	163	3.0	mg/l
CHLORIDE (E325.3)	14.1	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0624 continued on next page)

(results for BAFB-0624 continued)

Field No. : BAFB-0624
Laboratory No. : 24242-4
Normal Environmental Sample

Field Log No. : 21-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Description	Value	Detection Limit	Units
NITRATE + NITRITE (E353.3)	6.3	0.13	mg/l
SULFATE (E375.4)	9.3	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	12.6	1.00	
Magnesium	5.14	1.00	
Manganese	0.021	0.015	
Potassium	1.97	1.00	
Sodium	18.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0624)

BEALE AFB SITE 21: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0625
Laboratory No. : 24242-5
Field Replicate for BAFB-0624

Field Log No. : 21-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Tests performed on sample: BAFB-0625 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	09/06/89	wet	1.0	umhos/cm
E170.1	Temperature	09/06/89	wet	1.0	degrees c
E150.1	pH	09/06/89	wet	1.0	pH
SM403	Alkalinity - Total	09/06/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	09/06/89	wet	1.0	mg/l
SM403	Bicarbonate	09/06/89	wet	1.0	mg/l
SM403	Carbonate	09/06/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	09/13/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/29/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	190	N/A	umhos/cm
TEMPERATURE (E170.1)	21.5	N/A	degrees c
pH (E150.1)	7.76	N/A	pH
ALKALINITY-TOTAL (SM403)	68.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	83.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	176	3.0	mg/l
CHLORIDE (E325.3)	13.5	1.0	mg/l
FLUORIDE (E340.2)	0.18	0.10	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0624 continued on next page)

(results for BAFB-0624 continued)

Field No. : BAFB-0625
Laboratory No. : 24242-5
Field Replicate for BAFB-0624

Field Log No. : 21-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Description	Value	Limit	Units
NITRATE + NITRITE (E353.3)	4.7	0.13	mg/l
SULFATE (E375.4)	9.0	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	12.5	1.00	
Magnesium	5.07	1.00	
Manganese	0.021	0.015	
Potassium	2.34	1.00	
Sodium	18.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0625)

BEALE AFB SITE 21: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0623
Laboratory No. : 24242-3
Equipment Wash Blank

Field Log No. : 21-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Tests performed on sample: BAFB-0623

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	09/13/89	wet	1.0	mg/l
E325.3	Chloride	09/22/89	wet	1.0	mg/l
E340.2	Fluoride	09/20/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/27/89	wet	1.0	mg/l
E375.4	Sulfate	09/21/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/28/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	09/12/89	wet	1.0	mg/l
SW6010	ICP Metals	09/27/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1) (non-detect)	<3.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2)	0.050	0.10	mg/l
NITRATE + NITRITE (E353.3)	0.89	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0623)

BEALE AFB SITE 21: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0622
Laboratory No. : 24242-2
Field Blank

Field Log No. : 21-C-1GW
Sampling Date : 09/06/89
Matrix : Water

Tests performed on sample: BAFB-0622 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	09/08/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane	83	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0622)

SITE 23

Soil Analyses

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0338
Laboratory No. : 21920-7
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0338

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/03/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.7	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15100	25.2	
Barium	106	12.6	
Calcium	4330	126	
Chromium	37.7	3.8	
Cobalt	9.2	5.0	
Copper	60.0	3.8	
Iron	28400	12.6	
Magnesium	7770	126	
Manganese	112	1.9	
Nickel	17.7	5.0	
Sodium	214	126	
Vanadium	49.4	5.0	
Zinc	64.9	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0338 continued on next page)

(results for BAFB-0338 continued)

Field No. : BAFB-0338
Laboratory No. : 21920-7
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.048	0.006	
Toluene	0.009	0.006	
1,2-Dichloroethane-d4 (SS)	85	N/A	
Toluene-d8 (SS)	103	N/A	
1,4-Bromofluorobenzene (SS)	119	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0338)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0339
Laboratory No. : 21920-8
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0339

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/03/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.7	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	23700	25.2	
Barium	271	12.6	
Calcium	5070	126	
Chromium	41.1	3.8	
Cobalt	16.4	5.0	
Copper	61.5	3.8	
Iron	37100	12.6	
Magnesium	8650	126	
Manganese	228	1.9	
Nickel	25.6	5.0	
Potassium	555	252	
Sodium	279	126	
Vanadium	54.7	5.0	
Zinc	75.5	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0339 continued on next page)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0339
Laboratory No. : 21920-8
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.16	0.030	
Toluene	1.1	0.030	
Ethylbenzene	0.006 J	0.030	
1,2-Dichloroethane-d4 (SS)	89	N/A	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0339)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0340
Laboratory No. : 21920-9
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0340

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/03/89	dry	5.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	6.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12800	24.9	
Barium	128	12.5	
Calcium	4540	125	
Chromium	45.0	3.7	
Cobalt	16.2	5.0	
Copper	141	3.7	
Iron	23800	12.5	
Magnesium	8190	125	
Manganese	364	1.9	
Nickel	24.9	5.0	
Potassium	736	249	
Sodium	171	125	
Vanadium	64.1	5.0	
Zinc	128	2.5	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0340 continued on next page)

(results for BAFB-0340 continued)

Field No. : BAFB-0340
Laboratory No. : 21920-9
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.19	0.031	
Acetone	0.021 J	0.031	
2-Butanone	0.13	0.063	
Toluene	0.41	0.031	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	96	N/A	
1,4-Bromofluorobenzene (SS)	99	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0340)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0341
Laboratory No. : 21920-10
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0340

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0341

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12000	24.1	
Barium	144	12.0	
Calcium	11500	120	
Chromium	38.1	3.6	
Cobalt	16.8	4.8	
Copper	49.6	3.6	
Iron	23300	12.0	
Magnesium	6980	120	
Manganese	462	1.8	
Nickel	22.9	4.8	
Potassium	493	241	
Sodium	152	120	
Vanadium	69.1	4.8	
Zinc	69.3	2.4	
VOLATILE ORGANICS (SW8240)	(Analysis not performed for this sample)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0341)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0342
Laboratory No. : 21920-11
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0342

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.7	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9950	24.0	
Barium	204	12.0	
Calcium	3820	120	
Chromium	31.1	3.6	
Cobalt	20.4	4.8	
Copper	42.0	3.6	
Iron	21400	12.0	
Magnesium	6070	120	
Manganese	800	1.8	
Nickel	20.4	4.8	
Sodium	182	120	
Vanadium	62.9	4.8	
Zinc	56.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0342 continued on next page)

(results for BAFB-0342 continued)

Field No. : BAFB-0342
Laboratory No. : 21920-11
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.060	0.006	
Acetone	0.080	0.006	
Toluene	0.089	0.006	
1,2-Dichloroethane-d4 (SS)	105	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0342)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0343
Laboratory No. : 21920-12
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0343

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	16.4	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	10100	23.9	
Barium	64.5	12.0	
Calcium	3700	120	
Chromium	37.2	3.6	
Cobalt	9.7	4.8	
Copper	37.3	3.6	
Iron	23200	12.0	
Magnesium	6330	120	
Manganese	199	1.8	
Nickel	16.7	4.8	
Sodium	196	120	
Vanadium	78.5	4.8	
Zinc	54.4	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0343 continued on next page)

(results for BAFB-0343 continued)

Field No. : BAFB-0343
Laboratory No. : 21920-12
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-1SB
Sampling Date : 12/20/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.063	0.006	
Toluene	0.21	0.006	
1,2-Dichloroethane-d4 (SS)	105	N/A	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0343)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0333
Laboratory No. : 21920-2
Sample Depth : 2.40 - 4.00 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-2SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0333

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	32.8	N/A	%
TFH-DIESEL (TFH-DIESEL)	510	1.5	mg/kg
TFH-GAS (TFH-GAS)	120	30	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16700	29.8	
Barium	240	14.9	
Calcium	4940	149	
Chromium	20.8	4.5	
Cobalt	17.9	6.0	
Copper	36.8	4.5	
Iron	31400	14.9	
Lead	38.4	29.8	
Magnesium	3350	149	
Manganese	1440	2.2	
Nickel	13.7	6.0	
Potassium	298	298	
Sodium	379	149	
Vanadium	88.8	6.0	
Zinc	87.6	3.0	
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0374)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0333)

Field No. : BAFB-0374
Laboratory No. : 22020-2
Sample Depth : 1.50 - 5.00 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 23-C-2SB
Sampling Date : 01/06/89
Matrix : Soil

Tests performed on sample: BAFB-0374 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.035	0.005	
Acetone	0.012	0.010	
Toluene	0.021	0.005	
Ethylbenzene	0.005	0.005	
Xylenes (total)	0.005	0.005	
Toluene-d8 (SS)	97	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0374)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0334
Laboratory No. : 21920-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-2SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0334

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	22	N/A	%
TFH-DIESEL (TFH-DIESEL)	190	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<26	26	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	18100	25.6	
Barium	164	12.8	
Beryllium	0.64	0.64	
Calcium	5050	128	
Chromium	39.7	3.8	
Cobalt	25.9	5.1	
Copper	63.3	3.8	
Iron	33200	12.8	
Magnesium	9080	128	
Manganese	451	1.9	
Nickel	24.4	5.1	
Sodium	203	128	
Vanadium	59.4	5.1	
Zinc	87.6	2.6	
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0375)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0334)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0375
Laboratory No. : 22020-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 23-C-2SB
Sampling Date : 01/06/89
Matrix : Soil

Tests performed on sample: BAFB-0375

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/27/89	wet	125.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Ethylbenzene	0.96	0.63	
Xylenes (total)	1.0	0.63	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	91	N/A	
1,2-Dichloroethane-d4 (SS)	81	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0375)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0335
Laboratory No. : 21920-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-2SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0335

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	27.5	N/A	%
TFH-DIESEL (TFH-DIESEL)	1.4	1.4	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<28	28	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	14100	27.6	
Barium	166	13.8	
Calcium	3960	138	
Chromium	23.4	4.1	
Cobalt	13.0	5.5	
Copper	53.2	4.1	
Iron	26800	13.8	
Magnesium	4970	138	
Manganese	331	2.1	
Nickel	19.3	5.5	
Potassium	276	276	
Sodium	246	138	
Vanadium	62.8	5.5	
Zinc	73.0	2.8	
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0376)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0335)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0376
Laboratory No. : 22020-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 23-C-2SB
Sampling Date : 01/06/89
Matrix : Soil

Tests performed on sample: BAFB-0376

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.030	0.005	
Toluene	0.036	0.005	
Ethylbenzene	0.003 J	0.005	
Xylenes (total)	0.003 J	0.005	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	120	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0376)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0377
Laboratory No. : 22020-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0376--RESAMPLE

Field Log No. : 23-C-2SB
Sampling Date : 01/06/89
Matrix : Soil

Tests performed on sample: BAFB-0377

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.054	0.005	
Acetone	0.027	0.010	
Toluene	0.063	0.005	
Ethylbenzene	0.018	0.005	
Xylenes (total)	0.020	0.005	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0377)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0336
Laboratory No. : 21920-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-2SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0336

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/23/89	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.8	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<25	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	20800	24.6	
Barium	575	12.3	
Calcium	5440	123	
Chromium	46.7	3.7	
Cobalt	42.5	4.9	
Copper	69.3	3.7	
Iron	40000	12.3	
Magnesium	9420	123	
Manganese	2240	1.8	
Nickel	29.1	4.9	
Potassium	505	246	
Sodium	183	123	
Vanadium	120	4.9	
Zinc	92.5	2.5	
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0378)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0336)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0378
Laboratory No. : 22020-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 23-C-2SB
Sampling Date : 01/06/89
Matrix : Soil

Tests performed on sample: BAFB-0378		Analysis	Report	Dilu-	
Test ID	Description	Date	Basis	tion	Units
SW8240	Volatile Organics	01/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.052	0.005	
Toluene	0.008	0.005	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	97	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0378)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0337
Laboratory No. : 21920-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-2SB
Sampling Date : 12/20/88
Matrix : Soil

Tests performed on sample: BAFB-0337

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/01/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/31/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	Resampled	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	25.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<27	27	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	19000	27.0	
Barium	169	13.5	
Beryllium	0.67	0.67	
Calcium	5360	135	
Chromium	33.6	4.0	
Cobalt	17.5	5.4	
Copper	49.9	4.0	
Iron	28600	13.5	
Magnesium	7270	135	
Manganese	609	2.0	
Nickel	21.6	5.4	
Potassium	324	270	
Sodium	201	135	
Vanadium	57.9	5.4	
Zinc	73.7	2.7	
VOLATILE ORGANICS (SW8240)	(Resampled for this analysis. See BAFB-0379)		

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0337)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0379
Laboratory No. : 22020-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample--RESAMPLE

Field Log No. : 23-C-2SB
Sampling Date : 01/06/89
Matrix : Soil

Tests performed on sample: BAFB-0379

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8240	Volatile Organics	01/19/89	wet	1.0	mg/kg

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.035	0.005	
Acetone	0.004 J	0.010	
Toluene	0.015	0.005	
Toluene-d8 (SS)	95	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	
1,2-Dichloroethane-d4 (SS)	110	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0379)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0282
Laboratory No. : 21899-2
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0282

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	14.7	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<23	23	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	4510	23.4	
Barium	113	11.7	
Calcium	1510	117	
Chromium	25.0	3.5	
Cobalt	22.3	4.7	
Copper	25.3	3.5	
Iron	15500	11.7	
Magnesium	1170	117	
Manganese	882	1.8	
Nickel	8.6	4.7	
Sodium	107	117	
Vanadium	61.4	4.7	
Zinc	22.3	2.3	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0282 continued on next page)

(results for BAFB-0282 continued)

Field No. : BAFB-0282
Laboratory No. : 21899-2
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.009	0.006	
Acetone	0.033	0.012	
Toluene	0.012	0.006	
1,2-Dichloroethane-d4 (SS)	110	N/A	
Toluene-d8 (SS)	111	N/A	
1,4-Bromofluorobenzene (SS)	109	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0282)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0283
Laboratory No. : 21899-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0283

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	41	25	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11600	24.8	
Barium	143	12.4	
Calcium	5330	124	
Chromium	26.1	3.7	
Cobalt	18.6	5.0	
Copper	50.8	3.7	
Iron	20600	12.4	
Magnesium	6600	124	
Manganese	419	1.9	
Nickel	38.4	5.0	
Potassium	248	248	
Sodium	230	124	
Vanadium	38.9	5.0	
Zinc	64.2	2.5	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.011	0.006	
Acetone	0.043	0.012	
Toluene	0.021	0.006	
1,2-Dichloroethane-d4 (SS)	99	N/A	
Toluene-d8 (SS)	102	N/A	
1,4-Bromofluorobenzene (SS)	98	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(end of report for sample BAFB-0283)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0284
Laboratory No. : 21899-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0284

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	17.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	30	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12200	24.2	
Barium	260	12.1	
Calcium	4330	121	
Chromium	38.5	3.6	
Cobalt	24.2	4.8	
Copper	65.7	3.6	
Iron	33400	12.1	
Magnesium	7400	121	
Manganese	1040	1.8	
Nickel	23.0	4.8	
Potassium	302	242	
Sodium	191	121	
Vanadium	129	4.8	
Zinc	68.4	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0284 continued on next page)

(results for BAFB-0284 continued)

Field No. : BAFB-0284
Laboratory No. : 21899-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.005 J	0.006	
Acetone	0.007 J	0.012	
2-Butanone	0.017	0.012	
Toluene	0.065	0.006	
1,2-Dichloroethane-d4 (SS)	86	N/A	
Toluene-d8 (SS)	101	N/A	
1,4-Bromofluorobenzene (SS)	100	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0284)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0285
Laboratory No. : 21899-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0284

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0285

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.1	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS)	29	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	9520	24.4	
Barium	156	12.2	
Calcium	3710	122	
Chromium	28.0	3.7	
Cobalt	19.5	4.9	
Copper	48.6	3.7	
Iron	22000	12.2	
Magnesium	6690	122	
Manganese	747	1.8	
Nickel	24.4	4.9	
Potassium	256	244	
Sodium	176	122	
Vanadium	76.1	4.9	
Zinc	58.7	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0285 continued on next page)

(results for BAFB-0285 continued)

Field No. : BAFB-0285
Laboratory No. : 21899-5
Sample Depth : 11.50 - 13.00 ft. BGS
Field Replicate for BAFB-0284

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.010	0.006	
Acetone	0.016	0.012	
2-Butanone	0.044	0.012	
Toluene	0.13	0.006	
1,2-Dichloroethane-d4 (SS)	108	N/A	
Toluene-d8 (SS)	99	N/A	
1,4-Bromofluorobenzene (SS)	114	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0285)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0286
Laboratory No. : 21899-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0286

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/30/88	dry	2.5	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.2	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	11800	24.4	
Barium	176	12.2	
Beryllium	0.73	0.61	
Calcium	4080	122	
Chromium	31.7	3.7	
Cobalt	18.3	4.9	
Copper	44.5	3.7	
Iron	21500	12.2	
Magnesium	6970	122	
Manganese	611	1.8	
Nickel	19.6	4.9	
Potassium	306	244	
Sodium	210	122	
Vanadium	64.9	4.9	
Zinc	58.3	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0286 continued on next page)

(results for BAFB-0286 continued)

Field No. : BAFB-0286
Laboratory No. : 21899-6
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013 J	0.016	
Acetone	0.016 J	0.031	
Toluene	0.095	0.016	
1,2-Dichloroethane-d4 (SS)	93	N/A	
Toluene-d8 (SS)	110	N/A	
1,4-Bromofluorobenzene (SS)	105	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0286)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0332
Laboratory No. : 21899-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Tests performed on sample: BAFB-0332

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	01/30/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	12/30/88	dry	1.0	mg/kg
SW6010	ICP Metals	01/11/89	dry	1.0	mg/kg
SW8240	Volatile Organics	12/29/88	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	18.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<24	24	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	13200	24.5	
Barium	229	12.2	
Beryllium	0.61	0.61	
Calcium	4080	122	
Chromium	39.4	3.7	
Cobalt	26.2	4.9	
Copper	62.7	3.7	
Iron	31700	12.2	
Magnesium	7370	122	
Manganese	1050	1.8	
Nickel	27.5	4.9	
Potassium	306	245	
Sodium	208	122	
Vanadium	118	4.9	
Zinc	75.6	2.4	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0332 continued on next page)

(results for BAFB-0332 continued)

Field No. : BAFB-0332
Laboratory No. : 21899-7
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-3SB
Sampling Date : 12/19/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.006	0.006	
Acetone	0.015	0.012	
2-Butanone	0.070	0.012	
Toluene	0.12	0.006	
1,2-Dichloroethane-d4 (SS)	121	N/A	
Toluene-d8 (SS)	98	N/A	
1,4-Bromofluorobenzene (SS)	122	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0332)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0344
Laboratory No. : 21930-2
Sample Depth : 1.00 - 2.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0344

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.9	N/A	%
TFH-DIESEL (TFH-DIESEL)	1400	1.3	mg/kg
TFH-GAS (TFH-GAS)	26	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15000	26.3	
Barium	193	13.1	
Calcium	5230	131	
Chromium	35.9	3.9	
Cobalt	19.7	5.3	
Copper	50.3	3.9	
Iron	24300	13.1	
Magnesium	5120	131	
Manganese	378	2.0	
Nickel	23.7	5.3	
Potassium	289	263	
Sodium	196	131	
Vanadium	61.6	5.3	
Zinc	99.6	2.6	
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.016	0.007	
Toluene	0.012	0.007	
1,2-Dichloroethane-d4 (SS)	94	N/A	
Toluene-d8 (SS)	94	N/A	
1,4-Bromofluorobenzene (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0344)

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BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0345
Laboratory No. : 21930-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0345

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	19.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.2	1.2	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<12	12	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	16600	24.8	
Barium	209	12.4	
Calcium	5590	124	
Chromium	45.5	3.7	
Cobalt	26.3	5.0	
Copper	68.8	3.7	
Iron	32300	12.4	
Magnesium	8210	124	
Manganese	850	1.9	
Nickel	32.4	5.0	
Potassium	335	248	
Sodium	176	124	
Vanadium	103	5.0	
Zinc	84.0	2.5	
VOLATILE ORGANICS (SW8240) (non-detect)			mg/kg

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0345 continued on next page)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0345
Laboratory No. : 21930-3
Sample Depth : 5.00 - 6.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.032	0.006	
Acetone	0.019	0.012	
2-Butanone	0.043	0.012	
Toluene	0.073	0.006	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	89	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0345)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0346
Laboratory No. : 21930-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0346 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	20.3	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	15300	25.1	
Barium	116	12.5	
Calcium	5280	125	
Chromium	42.0	3.8	
Cobalt	17.6	5.0	
Copper	56.0	3.8	
Iron	29900	12.5	
Magnesium	7280	125	
Manganese	637	1.9	
Nickel	28.5	5.0	
Sodium	179	125	
Vanadium	67.1	5.0	
Zinc	71.1	2.5	
VOLATILE ORGANICS (SW8240) (non-detect)			mg/kg

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0346 continued on next page)

(results for BAFB-0346 continued)

Field No. : BAFB-0346
Laboratory No. : 21930-4
Sample Depth : 10.00 - 11.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.013	0.006	
2-Butanone	0.043	0.013	
Toluene	0.11	0.006	
1,2-Dichloroethane-d4 (SS)	83	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	90	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0346)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0347
Laboratory No. : 21930-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0347

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/04/89	dry	1.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	23.5	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.3	1.3	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<13	13	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	12800	26.1	
Barium	463	13.1	
Beryllium	0.78	0.65	
Calcium	4550	131	
Chromium	37.1	3.9	
Cobalt	47.1	5.2	
Copper	47.6	3.9	
Iron	27800	13.1	
Magnesium	7030	131	
Manganese	2380	2.0	
Nickel	33.2	5.2	
Potassium	366	261	
Sodium	180	131	
Vanadium	90.2	5.2	
Zinc	69.7	2.6	
VOLATILE ORGANICS (SW8240) (non-detect)			mg/kg

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0347 continued on next page)

(results for BAFB-0347 continued)

Field No. : BAFB-0347
Laboratory No. : 21930-5
Sample Depth : 15.00 - 16.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Methylene Chloride	0.017	0.007	
2-Butanone	0.20	0.013	
Toluene	0.077	0.007	
1,2-Dichloroethane-d4 (SS)	92	N/A	
Toluene-d8 (SS)	100	N/A	
1,4-Bromofluorobenzene (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0347)

BEALE AFB SITE 23: Soil Data 1988/1989

Field No. : BAFB-0348
Laboratory No. : 21930-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Tests performed on sample: BAFB-0348

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
ASA#9	Percent Moisture	01/04/89	dry	1.0	%
TFH-DIESEL	TFH-Diesel	02/06/89	dry	1.0	mg/kg
TFH-GAS	TFH-Gas	01/04/89	dry	1.0	mg/kg
SW6010	ICP Metals	01/17/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	1.0	mg/kg
SW8240	Volatile Organics	01/09/89	dry	130.0	mg/kg

Description	Value	Detection Limit	Units
PERCENT MOISTURE (ASA#9)	6.9	N/A	%
TFH-DIESEL (TFH-DIESEL) (non-detect)	<1.1	1.1	mg/kg
TFH-GAS (TFH-GAS) (non-detect)	<11	11	mg/kg
ICP METALS (SW6010)			mg/kg
Aluminum	6240	21.5	
Barium	154	10.7	
Calcium	2560	107	
Chromium	19.3	3.2	
Cobalt	17.2	4.3	
Copper	56.0	3.2	
Iron	17800	10.7	
Magnesium	3910	107	
Manganese	757	1.6	
Nickel	14.0	4.3	
Sodium	132	107	
Vanadium	60.8	4.3	
Zinc	60.2	2.1	
VOLATILE ORGANICS (SW8240) (non-detect)			mg/kg

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0348 continued on next page)

(results for BAFB-0348 continued)

Field No. : BAFB-0348
Laboratory No. : 21930-6
Sample Depth : 20.00 - 21.50 ft. BGS
Normal Environmental Sample

Field Log No. : 23-C-4SB
Sampling Date : 12/22/88
Matrix : Soil

Description	Value	Detection Limit	Units
VOLATILE ORGANICS (SW8240)			mg/kg
Toluene	0.23 J	0.70	
1,2-Dichloroethane-d4 (SS)	96	N/A	
Toluene-d8 (SS)	88	N/A	
1,4-Bromofluorobenzene (SS)	94	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0348)

SITE 23

Water Data 1st Round Sampling 1989

BEALE AFB SITE 23: Water Data 1st Round Sampling 1989

Field No. : BAFB-0454
Laboratory No. : 22375-3
Normal Environmental Sample

Field Log No. : 23-C-1GW
Sampling Date : 02/15/89
Matrix : Water

Tests performed on sample: BAFB-0454

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/15/89	wet	1.0	umhos/cm
E170.1	Temperature	02/15/89	wet	1.0	degrees c
E150.1	pH	02/15/89	wet	1.0	pH
SM403	Alkalinity - Total	02/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/15/89	wet	1.0	mg/l
SM403	Bicarbonate	02/15/89	wet	1.0	mg/l
SM403	Carbonate	02/15/89	wet	1.0	mg/l
7420/7421	Lead	03/09/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/20/89	wet	1.0	mg/l
E325.3	Chloride	02/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/03/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/17/89	wet	1.0	mg/l
SW6010	ICP Metals	03/02/89	wet	1.0	mg/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	405	N/A	umhos/cm
TEMPERATURE (E170.1)	17.0	N/A	degrees c
pH (E150.1)	7.11	N/A	pH
ALKALINITY-TOTAL (SM403)	156.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	190.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.005(	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	359	3.0	mg/l
CHLORIDE (E325.3)	34.2	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0454 continued on next page)

(results for BAFB-0454 continued)

Field No. : BAFB-0454
Laboratory No. : 22375-3
Normal Environmental Sample

Field Log No. : 23-C-1GW
Sampling Date : 02/15/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.16		0.050	mg/l
NITRATE + NITRITE (E353.3)	23.4		0.050	mg/l
SULFATE (E375.4)	16.0		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS)	0.30		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	45.4		1.00	
Magnesium	16.4		1.00	
Sodium	30.4		1.00	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(3)	1	
trifluorotoluene (SS)	94		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0454)

BEALE AFB SITE 23: Water Data 1st Round Sampling 1989

Field No. : BAFB-0455
Laboratory No. : 22382-1
Field Replicate for BAFB-0454

Field Log No. : 23-C-1GW
Sampling Date : 02/15/89
Matrix : Water

Tests performed on sample: BAFB-0455 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/15/89	wet	1.0	umhos/cm
E170.1	Temperature	02/15/89	wet	1.0	degrees c
E150.1	pH	02/15/89	wet	1.0	pH
SM403	Alkalinity - Total	02/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/15/89	wet	1.0	mg/l
SM403	Bicarbonate	02/15/89	wet	1.0	mg/l
SM403	Carbonate	02/15/89	wet	1.0	mg/l
7420/7421	Lead	03/18/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/22/89	wet	1.0	mg/l
E325.3	Chloride	02/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/03/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/17/89	wet	1.0	mg/l
SW6010	ICP Metals	03/14/89	wet	1.0	mg/l
SW8020	Purgeable Aromatics	02/25/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	405	N/A	umhos/cm
TEMPERATURE (E170.1)	17.0	N/A	degrees c
pH (E150.1)	7.11	N/A	pH
ALKALINITY-TOTAL (SM403)	156.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	190.3	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	349	3.0	mg/l
CHLORIDE (E325.3)	33.8	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0455 continued on next page)

(results for BAFB-0455 continued)

Field No. : BAFB-0455
Laboratory No. : 22382-1
Field Replicate for BAFB-0454

Field Log No. : 23-C-1GW
Sampling Date : 02/15/89
Matrix : Water

Description	Value		Detection Limit	Units
FLUORIDE (E340.2)	0.15		0.050	mg/l
NITRATE + NITRITE (E353.3)	26.5		0.050	mg/l
SULFATE (E375.4)	18.4		1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050		0.050	mg/l
TFH-GAS (TFH-GAS)	0.70		0.10	mg/l
ICP METALS (SW6010)				mg/l
Calcium	50.0		1.00	
Magnesium	17.3		1.00	
Sodium	31.6		1.00	
PURGEABLE AROMATICS (SW8020)				ug/l
Toluene	2	(1)	1	
trifluorotoluene (SS)	97		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0455)

BEALE AFB SITE 23: Water Data 1st Round Sampling 1989

Field No. : BAFB-0456
Laboratory No. : 22375-2
Equipment Wash Blank

Field Log No. : 23-C-1GW
Sampling Date : 02/15/89
Matrix : Water

Tests performed on sample: BAFB-0456

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E160.1	Total Dissolved Solids	02/20/89	wet	1.0	mg/l
E325.3	Chloride	02/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/03/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/17/89	wet	1.0	mg/l
SW6010	ICP Metals	03/02/89	wet	1.0	mg/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	6.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2)	0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.15	0.050	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	0.80	0.10	mg/l
ICP METALS (SW6010)			mg/l
Zinc	0.040	0.020	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	92	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0456)

BEALE AFB SITE 23: Water Data 1st Round Sampling 1989

Field No. : BAFB-0457
Laboratory No. : 22382-2
Field Blank

Field Log No. : 23-C-1GW
Sampling Date : 02/15/89
Matrix : Water

Tests performed on sample: BAFB-0457 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0457)

SITE 23

Water Data 4th Round Sampling 1989

BEALE AFB SITE 23: Water Data 4th Round Sampling 1989

Field No. : BAFB-0718
Laboratory No. : 25020-5
Normal Environmental Sample

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0718 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/29/89	wet	1.0	umhos/cm
E170.1	Temperature	11/29/89	wet	1.0	degrees c
E150.1	pH	11/29/89	wet	1.0	pH
SM403	Alkalinity - Total	11/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/29/89	wet	1.0	mg/l
SM403	Bicarbonate	11/29/89	wet	1.0	mg/l
SM403	Carbonate	11/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/16/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8020	Purgeable Aromatics	12/11/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	460	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.77	N/A	pH
ALKALINITY-TOTAL (SM403)	190.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	232.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0718 continued on next page)

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(results for BAFB-0718 continued)

Field No. : BAFB-0718
Laboratory No. : 25020-5
Normal Environmental Sample

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value	Detection Limit	Units
TOTAL DISSOLVED SOLIDS (E160.1)	422	3.0	mg/l
CHLORIDE (E325.3)	34.4	1.0	mg/l
FLUORIDE (E340.2)	0.18	0.10	mg/l
NITRATE + NITRITE (E353.3)	23.1	0.13	mg/l
SULFATE (E375.4)	21.4	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.060	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	49.3	1.00	
Magnesium	16.2	1.00	
Potassium	1.19	1.00	
Sodium	31.1	1.00	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	96	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0718)

BEALE AFB SITE 23: Water Data 4th Round Sampling 1989

Field No. : BAFB-0719
Laboratory No. : 25020-6
Field Replicate

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0719 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/29/89	wet	1.0	umhos/cm
E170.1	Temperature	11/29/89	wet	1.0	degrees c
E150.1	pH	11/29/89	wet	1.0	pH
SM403	Alkalinity - Total	11/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/29/89	wet	1.0	mg/l
SM403	Bicarbonate	11/29/89	wet	1.0	mg/l
SM403	Carbonate	11/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/16/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8020	Purgeable Aromatics	12/11/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	460	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	7.77	N/A	pH
ALKALINITY-TOTAL (SM403)	188.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	229.6	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	345	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0719 continued on next page)

(results for BAFB-0719 continued)

Field No. : BAFB-0719
Laboratory No. : 25020-6
Field Replicate

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	35.1	1.0	mg/l
FLUORIDE (E340.2)	0.17	0.10	mg/l
NITRATE + NITRITE (E353.3)	25.2	0.13	mg/l
SULFATE (E375.4)	14.5	1.0	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.080	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	50.4	1.00	
Magnesium	16.4	1.00	
Sodium	31.9	1.00	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	93	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0719)

BEALE AFB SITE 23: Water Data 4th Round Sampling 1989

Field No. : BAFB-0720
Laboratory No. : 25020-7
Equipment Wash Blank

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0720

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SM403	Alkalinity - Total	11/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/29/89	wet	1.0	mg/l
SM403	Bicarbonate	11/29/89	wet	1.0	mg/l
SM403	Carbonate	11/29/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	/ /	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/16/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8020	Purgeable Aromatics	12/11/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
ALKALINITY-TOTAL (SM403)	30.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	36.8	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	15.0	3.0	mg/l
CHLORIDE (E325.3) (non-detect)	<1.0	1.0	mg/l
FLUORIDE (E340.2) (non-detect)	<0.050	0.050	mg/l
NITRATE + NITRITE (E353.3)	0.18	0.13	mg/l
SULFATE (E375.4) (non-detect)	<1.0	1.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0720 continued on next page)

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(results for BAFB-0720 continued)

Field No. : BAFB-0720
Laboratory No. : 25020-7
Equipment Wash Blank

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010) (non-detect)			mg/l
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	103	N/A	.

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0720)

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BEALE AFB SITE 23: Water Data 4th Round Sampling 1989

Field No. : BAFB-0721
Laboratory No. : 25020-8
Ambient Condition Blank

Location : 23-C-1GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0721 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8020	Purgeable Aromatics	12/12/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	99	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0721)

site23w4.jl

BACKGROUND WELLS

Water Data 1st Round Sampling 1989

BEALE AFB BACKGROUND WELLS: Water Data 1st Round Sampling 1989

Field No. : BAFB-0468
Laboratory No. : 22445-1
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 02/23/89
Matrix : Water

Tests performed on sample: BAFB-0468 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/23/89	wet	1.0	umhos/cm
E170.1	Temperature	02/23/89	wet	1.0	degreesc
E150.1	pH	02/23/89	wet	1.0	pH
SM403	Alkalinity - Total	02/23/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/23/89	wet	1.0	mg/l
SM403	Bicarbonate	02/23/89	wet	1.0	mg/l
SM403	Carbonate	02/23/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/16/89	wet	1.0	mg/l
7471	Mercury	03/08/89	wet	1.0	mg/l
7740/7741	Selenium	03/17/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	03/01/89	wet	1.0	mg/l
E325.3	Chloride	03/14/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/16/89	wet	1.0	mg/l
E375.4	Sulfate	03/15/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	03/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	03/21/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/25/89	wet	1.0	mg/l
SW6010	ICP Metals	03/08/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	03/07/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	03/07/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	193	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.01	N/A	pH
ALKALINITY-TOTAL (SM403)	98.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	120.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0468 continued on next page)

(results for BAFB-0468 continued)

Field No. : BAFB-0468
Laboratory No. : 22445-1
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 02/23/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	206	3.0	mg/l
CHLORIDE (E325.3)	3.0	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.050	mg/l
NITRATE + NITRITE (E353.3)	6.1	0.050	mg/l
SULFATE (E375.4)	3.8	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	17.9	1.00	
Potassium	1.30	1.00	
Magnesium	9.63	1.00	
Sodium	10.7	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	90	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	97	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0468 continued on next page)

(results for BAFB-0468 continued)

Field No. : BAFB-0468
Laboratory No. : 22445-1
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 02/23/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	14	10	
2,4,6-Tribromophenol (SS)	79	N/A	
2-Fluorophenol (SS)	66	N/A	
2-Fluorobiphenyl (SS)	78	N/A	
Nitrobenzene-d5 (SS)	77	N/A	
Phenol-d5 (SS)	69	N/A	
p-Terphenyl-d14 (SS)	91	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0468)

BEALE AFB BACKGROUND WELLS: Water Data 1st Round Sampling 1989

Field No. : BAFB-0458
Laboratory No. : 22382-3
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 02/15/89
Matrix : Water

Tests performed on sample: BAFB-0458

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	02/15/89	wet	1.0	umhos/cm
E170.1	Temperature	02/15/89	wet	1.0	degreesc
E150.1	pH	02/15/89	wet	1.0	pH
SM403	Alkalinity - Total	02/15/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	02/15/89	wet	1.0	mg/l
SM403	Bicarbonate	02/15/89	wet	1.0	mg/l
SM403	Carbonate	02/15/89	wet	1.0	mg/l
7060/7061	Arsenic	03/15/89	wet	1.0	mg/l
7420/7421	Lead	03/13/89	wet	1.0	mg/l
7471	Mercury	03/01/89	wet	1.0	mg/l
7740/7741	Selenium	03/15/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	02/22/89	wet	1.0	mg/l
E325.3	Chloride	02/24/89	wet	1.0	mg/l
E340.2	Fluoride	03/02/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	03/03/89	wet	1.0	mg/l
E375.4	Sulfate	03/01/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	02/23/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	02/22/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	02/17/89	wet	1.0	mg/l
SW6010	ICP Metals	03/14/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	02/24/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	02/24/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	03/17/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	195	N/A	umhos/cm
TEMPERATURE (E170.1)	20.5	N/A	degrees c
pH (E150.1)	7.34	N/A	pH
ALKALINITY-TOTAL (SM403)	72.8	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	88.8	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
ARSENIC (7060/7061) (non-detect)	<0.0050	0.0050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0458 continued on next page)

(results for BAFB-0458 continued)

Field No. : BAFB-0458
Laboratory No. : 22382-3
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 02/15/89
Matrix : Water

Description	Value	Detection Limit	Units
LEAD (7420/7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (7740/7741) (non-detect)	<0.0050	0.0050	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	191	3.0	mg/l
CHLORIDE (E325.3)	7.5	1.0	mg/l
FLUORIDE (E340.2)	0.49	0.050	mg/l
NITRATE + NITRITE (E353.3)	16.3	0.050	mg/l
SULFATE (E375.4)	17.8	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS)	2.0	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	6.91	1.00	
Magnesium	2.52	1.00	
Sodium	35.6	1.00	
Zinc	0.038	0.020	
PURGEABLE HALOCARBONS (SW8010)			ug/l
bromochloromethane (SS)	111	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
trifluorotoluene (SS)	95	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0458 continued on next page)

(results for BAFB-0458 continued)

Field No. : BAFB-0458
Laboratory No. : 22382-3
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 02/15/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
bis(2-Ethylhexyl)phthalate	8 BJ	10	
2,4,6-Tribromophenol (SS)	92	N/A	
2-Fluorophenol (SS)	45	N/A	
2-Fluorobiphenyl (SS)	55	N/A	
Nitrobenzene-d5 (SS)	51	N/A	
Phenol-d5 (SS)	55	N/A	
p-Terphenyl-d14 (SS)	82	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0458)

BACKGROUND WELLS

Water Data 2nd Round Sampling 1989

BEALE AFB BACKGROUND WELLS: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0555
Laboratory No. : 23358-1
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 05/30/89
Matrix : Water

Tests performed on sample: BAFB-0555

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/30/89	wet	1.0	umhos/cm
E170.1	Temperature	05/30/89	wet	1.0	degrees c
E150.1	pH	05/30/89	wet	1.0	pH
SM403	Alkalinity - Total	05/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/30/89	wet	1.0	mg/l
SM403	Bicarbonate	05/30/89	wet	1.0	mg/l
SM403	Carbonate	05/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/08/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.01	N/A	pH
ALKALINITY-TOTAL (SM403)	100.2	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	122.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	199	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0555 continued on next page)

(results for BAFB-0555 continued)

Field No. : BAFB-0555
Laboratory No. : 23358-1
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 05/30/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	2.5	1.0	mg/l
FLUORIDE (E340.2)	0.16	0.050	mg/l
NITRATE + NITRITE (E353.3)	5.9	0.13	mg/l
SULFATE (E375.4)	4.4	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	18.8	1.00	
Magnesium	9.77	1.00	
Potassium	1.00	1.00	
Sodium	11.1	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	104	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0555 continued on next page)

(results for BAFB-0555 continued)

Field No. : BAFB-0555
Laboratory No. : 23358-1
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 05/30/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	2	1	
Trifluorotoluene (SS)	81	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	71	N/A	
2-Fluorobiphenyl (SS)	77	N/A	
Terphenyl-d14 (SS)	96	N/A	
Phenol-d5 (SS)	65	N/A	
2-Fluorophenol (SS)	54	N/A	
2,4,6-Tribromophenol (SS)	88	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0555)

BEALE AFB BACKGROUND WELLS: Water Data 2nd Round Sampling 1989

Field No. : BAFB-0554
Laboratory No. : 23358-2
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 05/30/89
Matrix : Water

Tests performed on sample: BAFB-0554 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	05/30/89	wet	1.0	umhos/cm
E170.1	Temperature	05/30/89	wet	1.0	degrees c
E150.1	pH	05/30/89	wet	1.0	pH
SM403	Alkalinity - Total	05/30/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	05/30/89	wet	1.0	mg/l
SM403	Bicarbonate	05/30/89	wet	1.0	mg/l
SM403	Carbonate	05/30/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	06/06/89	wet	1.0	mg/l
E325.3	Chloride	06/23/89	wet	1.0	mg/l
E340.2	Fluoride	06/27/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	06/28/89	wet	1.0	mg/l
E375.4	Sulfate	06/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	07/03/89	wet	1.0	mg/l
SW7060	Arsenic	06/08/89	wet	1.0	mg/l
SW7421	Lead	06/09/89	wet	1.0	mg/l
SW7471	Mercury	06/13/89	wet	1.0	mg/l
SW7740	Selenium	06/08/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	06/07/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	06/05/89	wet	1.0	mg/l
SW6010	ICP Metals	06/09/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	06/13/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	06/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	06/13/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	298	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	7.88	N/A	pH
ALKALINITY-TOTAL (SM403)	94.4	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	115.2	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	239	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0554 continued on next page)

(results for BAFB-0554 continued)

Field No. : BAFB-0554
Laboratory No. : 23358-2
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 05/30/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	8.0	1.0	mg/l
FLUORIDE (E340.2)	0.46	0.050	mg/l
NITRATE + NITRITE (E353.3)	11.7	0.13	mg/l
SULFATE (E375.4)	11.5	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	6.68	1.00	
Magnesium	2.51	1.00	
Potassium	1.10	1.00	
Sodium	36.9	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	104	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0554 continued on next page)

(results for BAFB-0554 continued)

Field No. : BAFB-0554
Laboratory No. : 23358-2
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 05/30/89
Matrix : Water

Description	Value	Detection Limit	Units
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	123	N/A	
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 J	10	
Nitrobenzene-d5 (SS)	72	N/A	
2-Fluorobiphenyl (SS)	76	N/A	
Terphenyl-d14 (SS)	75	N/A	
Phenol-d5 (SS)	81	N/A	
2-Fluorophenol (SS)	68	N/A	
2,4,6-Tribromophenol (SS)	95	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0554)

BACKGROUND WELLS

Water Data 3rd Round Sampling 1989

BEALE AFB BACKGROUND WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0604
Laboratory No. : 24158-2
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 08/25/89
Matrix : Water

Tests performed on sample: BAFB-0604 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/25/89	wet	1.0	umhos/cm
E170.1	Temperature	08/25/89	wet	1.0	degrees c
E150.1	pH	08/25/89	wet	1.0	pH
SM403	Alkalinity - Total	08/25/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/25/89	wet	1.0	mg/l
SM403	Bicarbonate	08/25/89	wet	1.0	mg/l
SM403	Carbonate	08/25/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	08/31/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/08/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	08/29/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/09/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	195	N/A	umhos/cm
TEMPERATURE (E170.1)	21.8	N/A	degrees c
pH (E150.1)	7.79	N/A	pH
ALKALINITY-TOTAL (SM403)	109.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	133.0	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	116	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0604 continued on next page)

(results for BAFB-0604 continued)

Field No. : BAFB-0604
Laboratory No. : 24158-2
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 08/25/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	3.9	1.0	mg/l
FLUORIDE (E340.2)	0.15	0.050	mg/l
NITRATE + NITRITE (E353.3)	16.9	0.13	mg/l
SULFATE (E375.4)	3.4	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	18.9	1.00	
Magnesium	10.2	1.00	
Sodium	11.3	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	116	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Toluene	3	1	
Trifluorotoluene (SS)	105	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0604 continued on next page)

(results for BAFB-0604 continued)

Field No. : BAFB-0604
Laboratory No. : 24158-2
Normal Environmental Sample

Field Log No. : BG-C-1GW
Sampling Date : 08/25/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	8 BJ	10	
Nitrobenzene-d5 (SS)	73	N/A	
2-Fluorobiphenyl (SS)	71	N/A	
p-Terphenyl-d14 (SS)	99	N/A	
Phenol-d5 (SS)	52	N/A	
2-Fluorophenol (SS)	57	N/A	
2,4,6-Tribromophenol (SS)	66	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0604)

BEALE AFB BACKGROUND WELLS: Water Data 3rd Round Sampling 1989

Field No. : BAFB-0603
Laboratory No. : 24158-1
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 08/25/89
Matrix : Water

Tests performed on sample: BAFB-0603 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	08/25/89	wet	1.0	umhos/cm
E170.1	Temperature	08/25/89	wet	1.0	degrees c
E150.1	pH	08/25/89	wet	1.0	pH
SM403	Alkalinity - Total	08/25/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalein	08/25/89	wet	1.0	mg/l
SM403	Bicarbonate	08/25/89	wet	1.0	mg/l
SM403	Carbonate	08/25/89	wet	1.0	mg/l
E160.1	Total Dissolved Solids	08/31/89	wet	1.0	mg/l
E325.3	Chloride	09/15/89	wet	1.0	mg/l
E340.2	Fluoride	09/15/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	09/18/89	wet	1.0	mg/l
E375.4	Sulfate	09/16/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	09/08/89	wet	1.0	mg/l
SW7060	Arsenic	09/14/89	wet	1.0	mg/l
SW7421	Lead	09/14/89	wet	1.0	mg/l
SW7471	Mercury	09/08/89	wet	1.0	mg/l
SW7740	Selenium	09/14/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	09/09/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	08/29/89	wet	1.0	mg/l
SW6010	ICP Metals	09/20/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	09/06/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	09/06/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	09/09/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	200	N/A	umhos/cm
TEMPERATURE (E170.1)	21.0	N/A	degrees c
pH (E150.1)	6.94	N/A	pH
ALKALINITY-TOTAL (SM403)	84.0	10.0	mg/l
ALKALINITY-PHENOLPHTHALEIN	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.5	10.0	mg/l
CARBONATE (SM403)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	150	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0603 continued on next page)

(results for BAFB-0603 continued)

Field No. : BAFB-0603
Laboratory No. : 24158-1
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 08/25/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	7.9	1.0	mg/l
FLUORIDE (E340.2)	0.42	0.050	mg/l
NITRATE + NITRITE (E353.3)	15.3	0.13	mg/l
SULFATE (E375.4)	11.9	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.0005	0.0005	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL) (non-detect)	<0.050	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	6.67	1.00	
Magnesium	2.51	1.00	
Sodium	36.4	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	92	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	106	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0603 continued on next page)

(results for BAFB-0603 continued)

Field No. : BAFB-0603
Laboratory No. : 24158-1
Normal Environmental Sample

Field Log No. : BG-C-2GW
Sampling Date : 08/25/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
N-Nitrosodiphenylamine (1)	6 BJ	10	
bis(2-Ethylhexyl)Phthalate	10	10	
Nitrobenzene-d5 (SS)	78	N/A	
2-Fluorobiphenyl (SS)	72	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	47	N/A	
2-Fluorophenol (SS)	60	N/A	
2,4,6-Tribromophenol (SS)	75	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantification limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0603)

BACKGROUND WELLS

Water Data 4th Round Sampling 1989

BEALE AFB BACKGROUND WELLS: Water Data 4th Round Sampling 1989

Field No. : BAFB-0717
Laboratory No. : 25020-4
Ambient Condition Blank

Location : BG-C-2GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0717 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SW8010	Purgeable Halocarbons	12/13/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	490	(530)	5	
Bromochloromethane	108		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY.

(end of report for sample BAFB-0717)

BEALE AFB BACKGROUND WELLS: Water Data 4th Round Sampling 1989

Field No. : BAFB-0716
Laboratory No. : 25020-3
Equipment Wash Blank

Location : BG-C-2GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0716

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
SM403	Alkalinity - Total	11/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/29/89	wet	1.0	mg/l
SM403	Bicarbonate	11/29/89	wet	1.0	mg/l
SM403	Carbonate	11/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/13/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value		Detection Limit	Units
ALKALINITY-TOTAL (SM403)	18.0		10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0		10.0	mg/l
BICARBONATE (SM403)	22.0		10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0		10.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4) (non-detect)	<7.0		7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050		0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050		0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Methylene Chloride	270	(430)	5	
Bromochloromethane (SS)	107		N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0716 continued on next page)

(results for BAFB-0716 continued)

Field No. : BAFB-0716
Laboratory No. : 25020-3
Equipment Wash Blank

Location : BG-C-2GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	5 BJ	10	
N-Nitrosodiphenylamine (1)	11 B	10	
Di-n-Butylphthalate	12 B	10	
bis(2-Ethylhexyl)Phthalate	12	10	
Nitrobenzene-d5 (SS)	43	N/A	
2-Fluorobiphenyl (SS)	33	N/A	
p-Terphenyl-d14 (SS)	93	N/A	
Phenol-d5 (SS)	41	N/A	
2-Fluorophenol (SS)	34	N/A	
2,4,6-Tribromophenol (SS)	46	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0716)

BEALE AFB BACKGROUND WELLS: Water Data 4th Round Sampling 1989

Field No. : BAFB-0714
Laboratory No. : 25020-1
Normal Environmental Sample

Location : BG-C-2GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0714

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/29/89	wet	1.0	umhos/cm
E170.1	Temperature	11/29/89	wet	1.0	degrees c
E150.1	pH	11/29/89	wet	1.0	pH
E160.1	Total Dissolved Solids	12/06/89	wet	1.0	mg/l
E325.3	Chloride	12/12/89	wet	1.0	mg/l
E340.2	Fluoride	12/12/89	wet	1.0	mg/l
E353.3	Nitrate + Nitrite	12/15/89	wet	1.0	mg/l
E375.4	Sulfate	12/14/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7421	Lead	12/19/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
TFH-DIESEL	TFH-Diesel	12/16/89	wet	1.0	mg/l
TFH-GAS	TFH-Gas	12/14/89	wet	1.0	mg/l
SW6010	ICP Metals	12/07/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/11/89	wet	1.0	ug/l
SW8020	Purgeable Aromatics	12/11/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	195	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	8.26	N/A	pH
ALKALINITY-TOTAL (SM403) (non-detect)	84.3	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403) (non-detect)	103.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
TOTAL DISSOLVED SOLIDS (E160.1)	261	3.0	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0714 continued on next page)

(results for BAFB-0714 continued)

Field No. : BAFB-0714
Laboratory No. : 25020-1
Normal Environmental Sample

Location : BG-C-2GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value	Detection Limit	Units
CHLORIDE (E325.3)	7.3	1.0	mg/l
FLUORIDE (E340.2)	0.51	0.10	mg/l
NITRATE + NITRITE (E353.3)	13.4	0.13	mg/l
SULFATE (E375.4)	11.2	1.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	62.6	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
LEAD (SW7421) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l
SELENIUM (SW7740) (non-detect)	<0.0050	0.0050	mg/l
TFH-DIESEL (TFH-DIESEL)	0.070	0.050	mg/l
TFH-GAS (TFH-GAS) (non-detect)	<0.10	0.10	mg/l
ICP METALS (SW6010)			mg/l
Calcium	6.61	1.00	
Magnesium	2.33	1.00	
Sodium	36.0	1.00	
PURGEABLE HALOCARBONS (SW8010)			ug/l
Bromochloromethane (SS)	114	N/A	
PURGEABLE AROMATICS (SW8020)			ug/l
Trifluorotoluene (SS)	96	N/A	

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0714 continued on next page)

(results for BAFB-0714 continued)

Field No. : BAFB-0714
Laboratory No. : 25020-1
Normal Environmental Sample

Location : BG-C-2GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value	Detection Limit	Units
SEMI-VOLATILE ORGANICS (SW8270)			ug/l
Diethylphthalate	6 BJ	10	
N-Nitrosodiphenylamine (1)	12 B	10	
Di-n-Butylphthalate	14 B	10	
bis(2-Ethylhexyl)Phthalate	16	10	
Nitrobenzene-d5 (SS)	41	N/A	
2-Fluorobiphenyl (SS)	46	N/A	
p-Terphenyl-d14 (SS)	81	N/A	
Phenol-d5 (SS)	44	N/A	
2-Fluorophenol (SS)	39	N/A	
2,4,6-Tribromophenol (SS)	45	N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0714)

BEALE AFB BACKGROUND WELLS: Water Data 4th Round Sampling 1989

Field No. : BAFB-0715
Laboratory No. : 25020-2
Field Replicate

Location : BG-2-2GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0715

Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/29/89	wet	1.0	umhos/cm
E170.1	Temperature	11/29/89	wet	1.0	degrees c
E150.1	pH	11/29/89	wet	1.0	pH
SM403	Alkalinity - Total	11/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/29/89	wet	1.0	mg/l
SM403	Bicarbonate	11/29/89	wet	1.0	mg/l
SM403	Carbonate	11/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW3010	Purgeable Halocarbons	12/11/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	195	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	8.26	N/A	pH
ALKALINITY-TOTAL (SM403)	83.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	15.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(results for BAFB-0715 continued on next page)

(results for BAFB-0715 continued)

Field No. : BAFB-0715
Laboratory No. : 25020-2
Field Replicate

Location : BG-2-2GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value		Detection Limit	Units
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane	107		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	7	BJ	10	
N-Nitrosodiphenylamine (1)	13	B	10	
Di-n-Butylphthalate	15	B	10	
bis(2-Ethylhexyl)Phthalate	17		10	
Nitrobenzene-d5 (SS)	50		N/A	
2-Fluorobiphenyl (SS)	46		N/A	
p-Terphenyl-d14 (SS)	100		N/A	
Phenol-d5 (SS)	57		N/A	
2-Fluorophenol (SS)	49		N/A	
2,4,6-Tribromophenol (SS)	50		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0715)

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BEALE AFB BACKGROUND WELLS: Water Data 4th Round Sampling 1989

Field No. : BAFB-0715
Laboratory No. : 25020-2
Field Replicate

Location : BG-2-2GW
Sampling Date : 11/29/89
Matrix : Water

Tests performed on sample: BAFB-0715 Test ID	Description	Analysis Date	Report Basis	Dilution	Units
E120.1	Specific Conductivity	11/29/89	wet	1.0	umhos/cm
E170.1	Temperature	11/29/89	wet	1.0	degrees c
E150.1	pH	11/29/89	wet	1.0	pH
SM403	Alkalinity - Total	11/29/89	wet	1.0	mg/l
SM403	Alkalinity - Phenolphthalen	11/29/89	wet	1.0	mg/l
SM403	Bicarbonate	11/29/89	wet	1.0	mg/l
SM403	Carbonate	11/29/89	wet	1.0	mg/l
E410.4	Chemical Oxygen Demand	12/04/89	wet	1.0	mg/l
SW7060	Arsenic	12/18/89	wet	1.0	mg/l
SW7471	Mercury	12/05/89	wet	1.0	mg/l
SW7740	Selenium	12/13/89	wet	1.0	mg/l
SW8010	Purgeable Halocarbons	12/11/89	wet	1.0	ug/l
SW8270	Semi-Volatile Organics	12/21/89	wet	1.0	ug/l

Description	Value	Detection Limit	Units
SPECIFIC CONDUCTIVITY (E120.1)	195	N/A	umhos/cm
TEMPERATURE (E170.1)	20.0	N/A	degrees c
pH (E150.1)	8.26	N/A	pH
ALKALINITY-TOTAL (SM403)	83.6	10.0	mg/l
ALKALINITY-PHENOLPHTHALEN (non-detect)	<10.0	10.0	mg/l
BICARBONATE (SM403)	102.0	10.0	mg/l
CARBONATE (SM403) (non-detect)	<10.0	10.0	mg/l
CHEMICAL OXYGEN DEMAND (E410.4)	15.0	7.0	mg/l
ARSENIC (SW7060) (non-detect)	<0.0050	0.0050	mg/l
MERCURY (SW7471) (non-detect)	<0.00050	0.00050	mg/l

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY
(results for BAFB-0715 continued on next page)

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(results for BAFB-0715 continued)

Field No. : BAFB-0715
Laboratory No. : 25020-2
Field Replicate

Location : BG-2-2GW
Sampling Date : 11/29/89
Matrix : Water

Description	Value		Detection Limit	Units
SELENIUM (SW7740) (non-detect)	<0.0050		0.0050	mg/l
PURGEABLE HALOCARBONS (SW8010)				ug/l
Bromochloromethane	107		N/A	
SEMI-VOLATILE ORGANICS (SW8270)				ug/l
Diethylphthalate	7	BJ	10	
N-Nitrosodiphenylamine (1)	13	B	10	
Di-n-Butylphthalate	15	B	10	
bis(2-Ethylhexyl)Phthalate	17		10	
Nitrobenzene-d5 (SS)	50		N/A	
2-Fluorobiphenyl (SS)	46		N/A	
p-Terphenyl-d14 (SS)	100		N/A	
Phenol-d5 (SS)	57		N/A	
2-Fluorophenol (SS)	49		N/A	
2,4,6-Tribromophenol (SS)	50		N/A	

(SS) : surrogate spike compound, units = % recovery
B : analyte detected in blank
J : estimated value, below quantitation limit
() : values listed in () are 2nd column confirmation values

RESULTS FOR METALS AND ORGANICS REPORTED FOR DETECTED ANALYTES ONLY

(end of report for sample BAFB-0715)

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