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TECHNICAL SUPPORT FOR
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olorado FINAL
WATER REMEDIAL INVESTIGATION REPORT

(Version 3.3)
Volume II

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Rocky Mountain Arsenal
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Applied Environmental, Inc.
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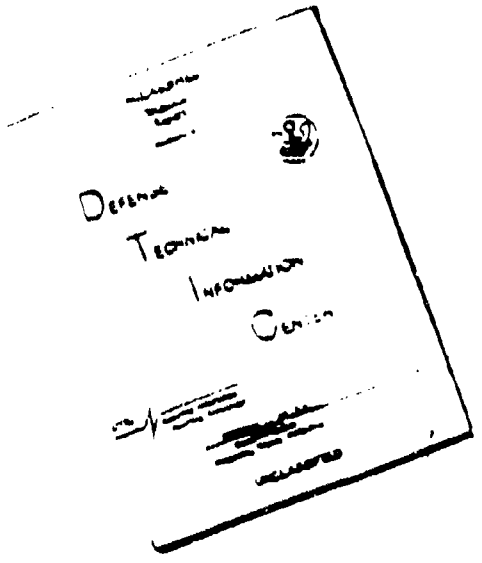

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THIS WATER REMEDIAL INVESTIGATION IS A COMPILATION, INTEGRATION, AND INTERPRETATION OF GROUND WATER AND SURFACE WATER STUDY RESULTS OBTAINED FROM SPECIFIC TASKS AND DESIGNED TO PROVIDE A COMPREHENSIVE ASSESSMENT OF CONTAMINATION BOTH ON- AND OFF-POST.

THE RI IS DIVIDED INTO FIVE VOLUMES:

1. INTRODUCTION TO THE PROJECT, DESCRIPTION OF THE ENVIRONMENTAL SETTING, AND ASSESSMENT OF THE NATURE AND EXTENT OF CONTAMINATION
2. GEOLOGICAL AND HYDROLOGIC DATA, TASK 44 DATA, CHEMISTRY DATA, AND INFORMATION PERTAINING TO HYDROCHEMICAL PROPERTIES AND HYDROLOGIC CALCULATIONS
3. APPENDIX F WHICH IS A DETAILED DESCRIPTION OF GEOLOGY, HYDROLOGY, CONTAMINANT DISTRIBUTION, AND HISTORICAL GROUND WATER AND SURFACE WATER PROGRAMS
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ACRONYMS AND ABBREVIATIONS

ac-ft	acre-feet
ac-ft/mo	acre-feet per month
ac-ft/yr	acre-feet per year
ACL	alternative concentration limit
Al	A lithologic zone - lower
Am	A lithologic zone - middle
ARAR	Applicable or Relevant and Appropriate Requirement
Army	Department of the Army
As	A lithologic zone - channel
ASTM	American Society for Testing and Materials
ASY	apparent specific yield
atm-m^3/mole	atmosphere-cubic meter per mole
Au	A lithologic zone - upper
AWQC	ambient water quality criteria
12DCLE	1,2 dichloroethane
BTZ	benzothiazole
CC	Contamination Control
CCC	Colorado Climate Center
CCl_4	Carbon Tetrachloride
CDH	Colorado Department of Health
CDM	Camp Dresser & McKee, Inc.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CF&I	Colorado Fuel and Iron
cfs	cubic feet per second
CH_2Cl_2	Methylene Chloride
cm/sec	centimeters per second
CMP	Comprehensive Monitoring Program
COE	U.S. Army Corps of Engineers
CPMS	chlorophenylmethyl sulfide
CPMSO	chlorophenylmethyl sulfoxide
$CPMSO_2$	chlorophenylmethyl sulfone

ACRONYMS AND ABBREVIATIONS (Continued)

CRL	certified reporting limits
CSU	Colorado State University
CSU-GWFlow	Colorado State University Groundwater Flow Model
CWP	Composite Well Program
CWQ	Clean Water Act
DBCP	Dibromochloropropane
11DCE	1,1-dichloroethylene
11DCLE	1,1-dichloroethane
12DCE	trans-1,2-dichloroethylene
DCPD	Dicyclopentadiene
DIMP	Diisopropylmethyl phosphonate
1,4-DITH	1,4-dithiane
DMDS	dimethyldisulfide
DMMP	dimethylmethyl phosphonate
DOJ	Department of Justice
EA	Endangerment Assessment
EDL	elevated detection limit
EPA	U.S. Environmental Protection Agency
ESE	Environmental Science and Engineering, Inc.
FCP	First Creek Paleochannel
Fm	Formation
FRICO	Farmer's Reservoir and Irrigation Company
FS	Feasibility Study
ft	feet
ft/day	feet per day
ft/ft	feet per foot
ft/sec	feet per second
ft/yr	feet per year
ft^3	cubic feet
FY87	Fiscal Year 1987
gal/ft^2	gallons per square foot
GB	nerve gas comprised of Sarin

GC	gas chromatograph
G/ml	gram per milliliter
GC/MS	gas chromatography/mass spectrometry
gpd/ft	gallons per day per foot gpd/ft^2gallons per day per square foot
gpm	gallons per minute
H	Henry's Law Constant
HCCPD or CL_6CP	hexachlorocyclopentadiene
HGU	Hydrogeologic unit
HLA	Harding Lawson Associates
HSL	Hazardous Substance List
ICAP	inductively-coupled argon plasma
ICS	Irondale Containment System
ID	inside diameter
in/hr	inches per hour
in/mo	inches per month
IRA	Interim Response Action
ISP	Initial Screening Program
K	hydraulic conductivity
K_{oc}	organic carbon partition coefficient
K_d	partition coefficient
K_{ow}	octanol/water partition coefficient
LA	Lignite A
LB	Lignite B
lbs/ft^3	pounds per cubic foot
LC	Lignite C
LD	Lignite D
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
mg/l	milligrams per liter
mi	miles
MIBK	methylisobutyl ketone
MKE	Morrison-Knudsen Engineers, Inc.

mm	millimeter
mph	miles per hour
msl	mean sea level
NBCS	North Boundary Containment System
NBTP	North Boundary Treatment Plant
NBW	north boundary west
NTC	nontarget compounds
NWBCS	Northwest Boundary Containment System
NWBP	Northwest Boundary Paleochannel
O&M	operation and maintenance
O_3	ozone
PAS	Parties and the State
OCP	organochlorine pesticide
OD	outside diameter
^oF	degrees Farenheit
OXAT	oxathiane
OX/DITH	Combined oxathiane and dithiane
PCE	tetrachloroethylene
PI	plasticity index
PID	photoionization detector
PMO-RMA	U.S. Army Program Manager's Office for Rocky Mountain Arsenal Contamination Cleanup
PMSO	Program Manager Staff Office
p,p'-DDE	p,p'-1,1-dichloro-2,2-bis(4-chlorophenyl)-ethylene
p,p'-DDT	p,p'-dichlorodiphenyltrichloroethane
PPLV	Preliminary Pollutant Limit Value
ppm	parts per million
psi	pounds per square inch
PVC	polyvinyl chloride
QA1	Paleochannels in terrace gravels
QA2	Paleochannels in eolian deposits (w/gravels)
QA3	Silty terrace gravels and coarse sand
QA4	Paleochannels in eolian deposits (w/o gravels)

ACRONYMS AND ABBREVIATIONS (Continued)

QAE	Eolian deposits
QA/QC	Quality Assurance/Quality Control
QC	Quality control
QT	Quarternary terrace gravels
RCI	Resource Consultants, Inc.
RCRA	Resource Conservation and Recovery Act
R_f	Retardation factor
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RIC	RMA Information Center
RMA	Rocky Mountain Arsenal
RMACCPMT	Rocky Mountain Arsenal Control Management Team
ROD	Record of Decision
SACWSD	South Adams County Water and Sanitation District
SAR	Study Area Report
SARA	Superfund Amendments and Reauthorization Act
SCC	Shell Chemical Company
SCS	Soil Conservation Service
SDWA	Safe Drinking Water Act
Shell	Shell Chemical Oil Company
SO_2	Sulfur Dioxide
sq mi	square mile(s)
STP	Sewage Treatment Plant
SW/GW	surface water/groundwater
T	transmissivity
111TCE	1,1,1-trichloroethane
112TCE	1,1,2-trichloroethane
TCLEE	tetrachloroethylene
TIC	tentatively identified compounds
TKd	Denver Formation
TRCLE	trichloroethylene
TSP	total suspended particulates

lu	number one upper zone in the Denver Fm
ug/g	micrograms per gram
ug/l	micrograms per liter
UFS	Unconfined Flow System
UNK	unknown
USATHAMA	U.S. Army Toxic and Hazardous Materials Agency
USCS	Unified Soil Classification System
UTM	Universal Transverse Mercator
VC	volcaniclastic interval
VCE	clay-rich zone stratigraphically equivalent to VC
VOA	volatile organic aromatics
VOC	volatile organic compounds
VOH	volatile organohalogens
WES	U.S. Army Corps of Engineers Waterways Experiment Station
WRI	Water Remedial Investigation
WY87	Water Year 1987

APPENDIX A

DENVER FM GEOLOGIC DATA

APPENDIX A-1: DENVER ZONE SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESS

DENVER_FM._SANDSTONE_TOP_AND_BASE_ELEVATIONS_AND_THICKNESS

EXPLANATION

The top and base elevations of the sandstones were picked at the top and base of an interval consisting predominantly of sandstone. In some cases, these sandstones contain stringers or lenses of siltstone, claystone, and/or shale. Where these finer grained sediments comprise a significant thickness, they are listed under "shale thickness" in the table. This shale thickness is subtracted from the gross sandstone thickness to obtain the net sandstone thickness.

For well 01046, the thickness of the sandstone in zone 2 was estimated from personal communication with Stollar and Associates, 1988.

In wells where the borehole did not penetrate the base of the sandstone, the base sandstone elevation was estimated.

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
01005	AS	5201.6	5174.6	27.0	0.0	27.0	
01005	AU	5211.6	5204.6	7.0	0.0	7.0	
01008	AL	5181.2	5176.2	5.0	0.0	5.0	
01008	AM	5209.9	5190.7	19.2	0.0	19.2	
01015	AU	5216.5	5206.1	10.4	0.0	10.4	
01017	AM	5182.6	5177.5	5.1	0.0	5.1	
01017	AU	5193.7	5183.1	10.6	0.0	10.6	
01022	AM	5154.5	5147.5	7.0	0.0	7.0	
01022	AU	5171.5	5162.9	8.6	0.0	8.6	
01023	1U	5107.0	5095.0	12.0	0.0	12.0	
01025	AU	5173.9	5166.9	7.0	0.0	7.0	
01026	AL	5152.4	5146.9	5.5	0.0	5.5	
01028	AS	5197.2	5190.2	7.0	0.0	7.0	
01028	AU	5206.1	5202.2	3.9	0.0	3.9	
01029	AL	5156.2	5142.7	13.5	0.0	13.5	
01029	AM	5184.7	5181.7	3.0	0.0	3.0	
01031	AU	5208.1	5206.2	1.9	0.0	1.9	
01032	AM	5184.0	5177.6	6.4	0.0	6.4	
01034	AM	5174.0	5168.6	5.4	0.0	5.4	
01034	AU	5193.5	5192.2	1.3	0.0	1.3	
01035	AL	5162.0	5156.5	5.5	0.0	5.5	
01036	AU	5202.9	5201.6	1.3	0.0	1.3	
01037	AL	5161.9	5160.6	1.3	0.0	1.3	
01037	AM	5172.6	5165.8	6.8	0.0	6.8	
01039	AU	5192.9	5191.4	1.5	0.0	1.5	
01040	AL	5165.0	5157.1	7.9	0.0	7.9	
01040	AM	5173.4	5170.3	3.1	0.0	3.1	
01042	AL	5171.2	5168.8	2.4	0.0	2.4	
01042	AU	5202.2	5201.0	1.2	0.0	1.2	
01043	1	5112.0	5106.8	5.2	0.0	5.2	
01046	2	0.0	0.0	49.0	0.0	49.0	ESTIMATED THICKNESS
01047	1	5093.8	5074.0	19.8	0.0	19.8	
01047	1U	5114.9	5107.6	7.3	0.0	7.3	
01047	AL	5157.8	5156.3	1.5	0.0	1.5	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
01047	AM	5185.6	5182.6	3.0	0.0	3.0	
01047	AU	5192.3	5189.3	3.0	0.0	3.0	
01048	2	5070.0	5045.3	24.7	0.0	24.7	
01050	AS	5203.4	5157.4	46.0	0.0	46.0	
01067	AS	5199.0	5160.1	38.9	0.0	38.9	
01067	AU	5218.0	5208.9	9.1	4.7	4.4	
01068	VC	5283.9	5238.6	45.3	0.0	45.3	
01071	1	5092.6	5078.7	13.9	4.0	9.9	
01071	1U	5129.1	5118.6	10.5	0.0	10.5	
01071	2	5075.1	5070.6	4.5	0.0	4.5	
01071	AL	5174.6	5172.1	2.5	0.0	2.5	
01071	AM	5186.1	5185.1	1.0	0.0	1.0	
01071	AU	5200.5	5195.1	5.4	0.0	5.4	
02004	AS	5208.1	5162.8	45.3	0.0	45.3	
02009	1	5105.7	5103.7	2.0	0.0	2.0	
02010	2	5086.8	5077.9	8.9	0.0	8.9	
02010	3	5072.9	5044.9	28.0	0.0	28.0	
02012	1U	5114.6	5109.6	5.0	0.0	5.0	
02013	2	5063.6	5048.9	14.7	0.0	14.7	
02015	1U	5149.2	5134.2	15.0	0.0	15.0	
02016	2	5091.7	5075.2	16.5	0.0	16.5	
02018	AU	5221.4	5208.7	12.7	6.5	6.2	
02019	1U	5165.0	5159.0	6.0	0.0	6.0	
02019	AL	5187.5	5169.4	18.1	0.0	18.1	
02021	AM	5182.0	5167.4	14.6	0.0	14.6	
02022	1U	5138.3	5125.5	12.8	0.0	12.8	
02022	AL	5154.0	5143.0	11.0	0.0	11.0	
02024	AL	5178.3	5177.2	1.1	0.0	1.1	
02024	AM	5191.1	5186.2	4.9	0.0	4.9	
02027	AL	5153.4	5142.9	10.5	0.0	10.5	
02027	AM	5160.2	5156.6	3.6	0.0	3.6	
02028	1U	5117.4	5103.7	13.7	2.0	11.7	
02030	AL	5177.9	5176.0	1.9	0.0	1.9	
02030	AM	5196.4	5195.0	1.4	0.0	1.4	
02030	AU	5219.6	5208.3	11.3	4.6	11.3	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
02031	1U	5135.5	5128.6	6.9	0.0	6.9	
02032	AL	5170.1	5164.1	6.0	0.0	6.0	
02032	AU	5190.1	5181.9	8.2	3.2	5.0	
02033	1U	5127.2	5102.6	24.6	4.0	20.6	
02035	AL	5180.0	5177.8	2.2	0.0	2.2	
02035	AM	5197.5	5191.9	5.6	0.0	5.6	
02035	AU	5207.0	5202.5	4.5	0.0	4.5	
02038	AM	5204.1	5190.6	13.5	6.0	7.5	
02039	1U	5154.0	5147.0	7.0	0.0	7.0	
02039	AL	5175.9	5159.7	16.2	0.0	16.2	
02041	AL	5179.2	5167.7	11.5	0.0	11.5	
02041	AM	5200.0	5197.0	3.0	0.0	3.0	
02042	1U	5164.0	5143.5	20.5	5.0	15.5	
02043	AU	5216.1	5206.2	9.9	4.0	5.9	
02044	1U	5149.2	5134.2	15.0	0.0	15.0	
02044	AL	5185.2	5176.6	8.6	0.0	8.6	
02045	AL	5195.1	5184.0	11.1	9.9	1.2	
02045	AM	5206.6	5194.1	12.5	4.5	12.5	
02045	AU	5227.1	5217.6	9.5	2.0	7.5	
02046	1U	5154.6	5128.9	25.7	0.0	25.7	
02047	AS	5218.7	5174.7	44.0	0.0	44.0	
02048	1U	5138.7	5136.0	2.7	0.0	2.7	
03003	3	5058.0	5051.0	7.0	0.0	7.0	
03004	4	5027.0	5017.0	10.0	1.0	9.0	
03006	1U	5136.0	5123.0	13.0	0.0	13.0	
03006	2	5085.0	5076.0	9.0	8.0	1.0	
03007	7	5008.0	5005.0	3.0	0.0	3.0	
03012	1	5097.4	5095.4	2.0	0.0	2.0	
03012	1U	5161.4	5135.4	26.0	0.0	26.0	
03012	2	5085.4	5080.4	5.0	0.0	5.0	
04008	3	5111.0	5095.0	16.0	4.0	12.0	
04009	5	5044.0	5039.0	5.0	0.0	5.0	
04012	2	5106.0	5103.0	3.0	0.0	3.0	
04012	3	5094.0	5083.0	11.0	0.0	11.0	
04012	5	5040.0	5036.0	4.0	0.0	4.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
04012	6	5032.0	5009.0	23.0	0.0	23.0	
05003	B	5225.0	5222.0	3.0	0.0	3.0	
06004	AL	5163.0	5153.0	10.0	0.0	10.0	
08004	AL	5136.0	5082.0	54.0	0.0	54.0	
08004	B	5184.0	5182.0	2.0	0.0	2.0	
09003	2	5104.0	5081.0	23.0	0.0	23.0	
09004	4	5028.0	5018.0	10.0	0.0	10.0	
100	2	5124.0	5118.0	6.0	0.0	6.0	
1000	2	5120.0	5110.0	10.0	0.0	10.0	
1000	3	5093.0	5084.0	9.0	0.0	9.0	
1001	2	5120.0	5114.0	6.0	0.0	6.0	
1001	3	5093.0	5083.0	10.0	0.0	10.0	
1002	2	5119.0	5113.0	6.0	0.0	6.0	
1003	3	5103.0	5080.0	23.0	0.0	23.0	
1004	3	5103.0	5080.0	23.0	0.0	23.0	
1005	3	5098.0	5088.0	10.0	0.0	10.0	
1006	2	5125.0	5106.0	19.0	0.0	19.0	
1006	3	5101.0	5075.0	26.0	0.0	26.0	
1007	2	5106.0	5103.0	3.0	0.0	3.0	
1007	3	5092.0	5074.0	18.0	0.0	18.0	
1008	3	5094.0	5084.0	10.0	0.0	10.0	
1009	2	5106.0	5102.0	4.0	0.0	4.0	
1009	3	5092.0	5086.0	6.0	0.0	6.0	
1011	2	5126.0	5095.0	31.0	15.0	16.0	
1012	2	5107.0	5105.0	2.0	0.0	2.0	
1012	3	5094.0	5087.0	7.0	0.0	7.0	
1014	2	5123.0	5111.0	12.0	0.0	12.0	
1014	3	5094.0	5089.0	5.0	0.0	5.0	
1015	2	5125.0	5102.0	23.0	0.0	23.0	
1015	3	5098.0	5067.0	31.0	0.0	31.0	
1016	2	5128.0	5100.0	28.0	0.0	28.0	
11003	B	5179.9	5170.3	9.6	0.0	9.6	
11004	AU	5152.6	5147.2	5.4	0.0	5.4	
1105	3	5088.0	5071.0	17.0	0.0	17.0	
117	1	5162.0	5155.0	7.0	0.0	7.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
12004	B	5205.7	5198.7	7.0	2.0	5.0	
19015	2	5139.0	5118.0	21.0	6.0	15.0	
19015	3	5110.0	5096.0	14.0	0.0	14.0	
19016	4	5070.0	5052.0	18.0	0.0	18.0	
19017	1	5148.0	5140.5	7.5	0.0	7.5	
19017	3	5089.0	5087.0	2.0	0.0	2.0	
19017	4	5075.0	5059.0	16.0	0.0	16.0	
19018	2	5106.0	5102.0	4.0	0.0	4.0	
20001	1	5150.0	5129.0	21.0	0.0	21.0	
2003	AU	5205.0	5202.2	2.8	0.0	2.8	
22002	4	5054.0	5036.0	18.0	0.0	18.0	
22002	5	5018.0	5001.0	17.0	0.0	17.0	
22004	3	5108.0	5097.0	11.0	0.0	11.0	
22009	4	5066.0	5063.0	3.0	0.0	3.0	
22023	4	5051.0	5046.0	5.0	0.0	5.0	
22027	3	5095.0	5081.0	14.0	0.0	14.0	
22028	4	5055.0	5036.5	18.5	0.0	18.5	
22030	3	5088.0	5072.0	16.0	0.0	16.0	
22030	4	5045.0	5026.0	19.0	0.0	19.0	
22031	5	5020.0	5006.0	14.0	0.0	14.0	
22051	3	5085.0	5075.0	10.0	0.0	10.0	
22054	2	5109.0	5104.0	5.0	0.0	5.0	
22060	3	5107.0	5097.0	10.0	0.0	10.0	
22313	3	5084.0	5080.0	4.0	0.0	4.0	
23006	1	5141.0	5136.0	5.0	0.0	5.0	
23007	1	5138.5	5133.0	5.5	0.0	5.5	
23016	1	5133.5	5129.5	4.0	0.0	4.0	
23054	1	5139.0	5129.0	10.0	0.0	10.0	
23056	1	5133.0	5125.0	8.0	0.0	8.0	
23161	2	5130.0	5100.0	30.0	4.0	26.0	
23161	3	5088.0	5078.0	10.0	0.0	10.0	
23163	2	5105.0	5095.0	10.0	0.0	10.0	
23164	3	5088.0	5072.0	16.0	0.0	16.0	
23167	2	5122.0	5096.0	26.0	0.0	26.0	
23168	3	5080.0	5071.0	9.0	0.0	9.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
23169	4	5060.0	5038.0	22.0	0.0	22.0	
23170	2	5116.0	5094.0	22.0	8.0	14.0	
23170	3	5092.0	5075.0	17.0	0.0	17.0	
23171	2	5125.0	5100.0	25.0	15.0	10.0	
23172	2	5122.0	5100.0	22.0	0.0	22.0	
23177	2	5114.0	5092.0	22.0	0.0	22.0	
23181	2	5129.0	5088.0	41.0	0.0	41.0	
23183	3	5073.0	5067.0	6.0	0.0	6.0	
23184	4	5064.0	5052.0	12.0	0.0	12.0	
23186	2	5108.0	5094.0	14.0	0.0	14.0	
23189	2	5125.0	5115.0	10.0	0.0	10.0	
23192	2	5128.0	5100.4	27.6	25.6	2.0	
23192	3	5083.1	5077.4	5.7	0.0	5.7	
23193	4	5058.0	5022.0	36.0	30.5	5.5	
232	10	5169.5	5167.0	2.5	0.0	2.5	
23200	2	5118.0	5095.0	23.0	0.0	23.0	
23201	3	5075.0	5065.0	10.0	0.0	10.0	
23208	2	5129.0	5111.0	18.0	0.0	18.0	
23209	2	5118.0	5083.0	35.0	8.0	27.0	
23209	3	5082.0	5060.0	22.0	4.0	18.0	
23209	4	5054.0	5028.0	26.0	6.0	20.0	
23210	5	5022.4	5010.4	12.0	0.0	12.0	
23210	6	5000.6	4978.4	22.2	2.0	20.2	
23210	8	4956.4	4929.4	27.0	0.0	27.0	
23218	2	5117.0	5112.0	5.0	0.0	5.0	
23219	3	5085.0	5078.0	7.0	0.0	7.0	
23219	4	5047.0	5038.0	9.0	0.0	9.0	
23221	1	5134.0	5130.0	4.0	0.0	4.0	
23222	2	5125.0	5090.0	35.0	0.0	35.0	
23224	3	5085.0	5062.0	23.0	0.0	23.0	
23228	2	5111.0	5095.0	16.0	4.0	12.0	
23229	2	5139.5	5110.0	29.5	20.0	9.5	
23230	3	5084.0	5068.0	16.0	11.0	5.0	
23230	4	5042.0	5021.0	21.0	6.0	15.0	
23233	2	5118.0	5094.0	24.0	3.0	21.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
23234	3	5082.0	5055.0	27.0	12.0	15.0	
23234	4	5048.0	5030.0	18.0	4.0	14.0	
23235	2	5122.0	5105.0	17.0	8.0	9.0	
23235	3	5090.0	5078.0	12.0	0.0	12.0	
23236	2	5122.0	5097.0	25.0	0.0	25.0	
23236	3	5096.0	5086.0	10.0	0.0	10.0	
23236	4	5062.0	5030.0	32.0	0.0	32.0	
233	1	5163.5	5157.5	6.0	0.0	6.0	
23336	2	5118.0	5095.0	23.0	0.0	23.0	
23336	3	5068.0	5058.0	10.0	0.0	10.0	
23337	2	5118.0	5096.0	22.0	0.0	22.0	
23339	2	5113.0	5096.0	17.0	0.0	17.0	
23339	3	5081.0	5070.0	11.0	0.0	11.0	
23340	2	5120.0	5095.0	25.0	9.0	16.0	
23341	2	5107.0	5103.0	4.0	0.0	4.0	
23341	3	5090.0	5082.0	8.0	0.0	8.0	
23342	2	5122.0	5102.0	20.0	5.0	15.0	
23342	3	5084.0	5076.0	8.0	0.0	8.0	
23342	4	5061.0	5051.0	10.0	0.0	10.0	
23401	2	5121.0	5098.0	23.0	8.0	15.0	
23401	3	5094.0	5085.0	9.0	0.0	9.0	
23401	4	5062.0	5030.0	32.0	0.0	32.0	
23401	5	5025.0	5017.0	8.0	0.0	8.0	
23407	2	5122.0	5114.0	8.0	0.0	8.0	
23407	3	5089.0	5078.0	11.0	0.0	11.0	
23407	4	5063.0	5023.0	40.0	9.0	31.0	
23504	1	5139.0	5128.0	11.0	0.0	11.0	
24031	2	5120.0	5111.0	9.0	0.0	9.0	
24035	3	5098.0	5088.0	10.0	0.0	10.0	
24041	2	5122.0	5112.0	10.0	0.0	10.0	
24080	1	5170.0	5150.0	20.0	0.0	20.0	
24082	1	5162.0	5148.0	14.0	0.0	14.0	
24083	1	5156.0	5142.0	14.0	0.0	14.0	
24086	1	5158.0	5135.0	23.0	0.0	23.0	
24087	1	5148.0	5136.0	12.0	0.0	12.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
24108	1	5156.0	5152.0	4.0	0.0	4.0	
24109	2	5152.0	5142.0	10.0	0.0	10.0	
24120	2	5138.0	5112.0	26.0	17.0	9.0	
24120	3	5106.0	5096.0	10.0	0.0	10.0	
24123	1	5158.0	5154.0	4.0	0.0	4.0	
24124	1	5180.0	5153.0	27.0	0.0	27.0	
24125	1	5168.0	5145.0	23.0	10.0	13.0	
24131	2	5108.0	5104.0	4.0	0.0	4.0	
24132	3	5097.0	5074.0	23.0	6.0	17.0	
24133	2	5107.0	5097.0	10.0	2.0	8.0	
24134	3	5090.0	5068.0	22.0	6.0	16.0	
24138	2	5108.0	5093.0	15.0	6.0	9.0	
24139	3	5091.0	5060.0	31.0	7.0	24.0	
24141	2	5118.0	5090.0	28.0	0.0	28.0	
24142	3	5090.0	5064.0	26.0	0.0	26.0	
24143	4	5064.0	5048.0	16.0	8.0	8.0	
24145	2	5122.0	5110.0	12.0	0.0	12.0	
24146	3	5095.0	5084.0	11.0	0.0	11.0	
24147	2	5127.0	5113.0	14.0	0.0	14.0	
24147	3	5099.0	5087.0	12.0	0.0	12.0	
24154	3	5106.0	5080.0	26.0	0.0	26.0	
24154	4	5069.0	5061.0	8.0	0.0	8.0	
24167	2	5105.0	5083.0	22.0	0.0	22.0	
24168	3	5090.0	5060.0	30.0	6.0	24.0	
24171	2	5123.0	5102.0	21.0	12.0	9.0	
24171	3	5100.0	5070.0	30.0	17.0	13.0	
24172	4	5040.0	5035.0	5.0	0.0	5.0	
24174	3	5100.0	5082.0	18.0	0.0	18.0	
24175	4	5063.0	5043.0	20.0	0.0	20.0	
24196	2	5117.0	5105.0	12.0	0.0	12.0	
24196	3	5096.0	5070.0	26.0	0.0	26.0	
24343	2	5120.0	5096.0	24.0	5.0	19.0	
24344	2	5104.0	5094.0	10.0	3.0	7.0	
24346	2	5108.0	5098.0	10.0	0.0	10.0	
24347	3	5095.0	5082.0	13.0	0.0	13.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
24347	4	5061.0	5044.0	17.0	0.0	17.0	
24348	3	5090.0	5081.0	9.0	0.0	9.0	
24348	4	5073.0	5048.0	25.0	0.0	25.0	
24349	3	5102.0	5077.0	25.0	0.0	25.0	
24350	3	5104.0	5082.0	22.0	0.0	22.0	
24351	3	5101.0	5080.0	21.0	0.0	21.0	
24352	3	5100.0	5084.0	16.0	0.0	16.0	
24352	4	5066.0	5044.0	22.0	10.0	12.0	
24353	3	5101.0	5082.0	19.0	0.0	19.0	
24354	2	5112.0	5107.0	5.0	0.0	5.0	
24354	3	5103.0	5082.0	21.0	0.0	21.0	
25004	AS	5244.5	5201.0	43.5	0.0	43.5	
25006	1	5155.0	5139.0	16.0	0.0	16.0	
25008	AS	5202.0	5177.0	25.0	0.0	25.0	
25009	1	5171.0	5132.0	39.0	0.0	39.0	
25010	2	5111.0	5097.0	14.0	0.0	14.0	ESTIMATED BASE
25012	1	5132.6	5124.8	7.8	0.0	7.8	
25012	1U	5177.0	5150.0	27.0	0.0	27.0	
25013	2	5108.2	5082.6	25.6	0.0	25.6	
25014	3	5069.6	5053.1	16.5	0.0	16.5	
25015	1	5158.0	5156.0	2.0	0.0	2.0	
25016	2	5138.0	5120.0	18.0	9.0	9.0	
25018	1	5151.0	5146.0	5.0	0.0	5.0	
25019	2	5115.0	5108.0	7.0	0.0	7.0	
25020	4	5070.0	5043.0	27.0	0.0	27.0	
25021	1	5138.6	5135.6	3.0	0.0	3.0	
25021	1U	5178.0	5173.5	4.5	0.0	4.5	
25021	2	5133.5	5111.0	22.5	0.0	22.5	
25021	AL	5202.0	5198.0	4.0	0.0	4.0	
25023	AS	5208.0	5199.0	9.0	0.0	9.0	
25024	1U	5174.0	5169.9	4.1	1.0	3.1	
25025	AM	5194.1	5187.3	6.8	5.0	1.8	
25025	AS	5219.6	5203.1	16.5	0.0	16.5	
25026	1U	5194.1	5172.0	22.1	9.3	13.1	
25029	1	5160.0	5131.0	29.0	0.0	29.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
25031	1	5177.0	5137.5	39.5	0.0	39.5	
25032	AU	5245.0	5229.0	16.0	0.0	16.0	
25033	AS	5223.0	5180.0	43.0	3.4	43.0	
25034	1	5170.0	5132.0	38.0	0.0	38.0	
25036	1U	5183.0	5157.0	26.0	10.0	16.0	
25036	AL	5213.0	5204.0	9.0	0.0	9.0	
25036	VC	5258.0	5231.0	27.0	0.0	27.0	
25037	1	5150.0	5137.0	13.0	0.0	13.0	
25037	2	5137.0	5116.0	21.0	0.0	21.0	
25040	1	5141.7	5126.4	15.3	0.0	15.3	
26002	1	5150.0	5143.0	7.0	0.0	7.0	
26005	1	5155.0	5148.0	7.0	0.0	7.0	
26006	1	5147.0	5143.0	4.0	0.0	4.0	
26009	1	5144.0	5137.0	7.0	0.0	7.0	ESTIMATED BASE
26010	1	5162.0	5155.0	7.0	0.0	7.0	
26012	1	5180.0	5139.0	41.0	0.0	41.0	
26014	2	5120.0	5112.0	8.0	0.0	8.0	
26020	1	5134.0	5130.0	4.0	0.0	4.0	
26021	1	5138.5	5127.0	11.5	0.0	11.5	
26027	1	5163.0	5147.0	16.0	0.0	16.0	
26028	1	5164.0	5144.0	20.0	0.0	20.0	
26029	1	5164.0	5141.5	22.5	0.0	22.5	
26030	1	5157.0	5132.0	25.0	0.0	25.0	
26031	1	5161.0	5131.0	30.0	0.0	30.0	
26042	2	5133.0	5113.5	19.5	0.0	19.5	
26043	2	5130.5	5115.0	15.5	0.0	15.5	
26044	1	5146.0	5141.0	5.0	0.0	5.0	
26048	1	5145.0	5134.0	11.0	4.0	7.0	
26051	1	5180.0	5139.0	41.0	0.0	41.0	
26052	1	5156.0	5130.0	26.0	0.0	26.0	
26053	1	5158.0	5138.0	20.0	0.0	20.0	
26055	1	5128.0	5124.0	4.0	0.0	4.0	
26055	1U	5179.0	5167.0	12.0	0.0	12.0	
26056	1U	5185.0	5180.0	5.0	0.0	5.0	
26060	1	5148.0	5138.0	10.0	0.0	10.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
26060	2	5129.0	5095.0	34.0	8.0	26.0	
26061	2	5132.2	5102.2	30.0	0.0	30.0	ESTIMATED BASE
26066	1	5152.0	5142.0	10.0	0.0	10.0	
26067	2	5124.0	5092.0	32.0	0.0	32.0	
26069	1	5157.0	5149.0	8.0	0.0	8.0	
26069	2	5143.0	5115.0	28.0	0.0	28.0	
26071	1	5160.0	5145.0	15.0	0.0	15.0	
26072	2	5116.0	5095.0	21.0	0.0	21.0	
26075	1	5145.0	5122.0	23.0	0.0	23.0	
26077	2	5124.0	5094.0	30.0	0.0	30.0	
26079	2	5131.0	5116.0	15.0	8.0	7.0	
26080	3	5106.0	5091.0	15.0	0.0	15.0	
26082	2	5120.0	5095.0	25.0	0.0	25.0	
26084	1	5148.0	5144.0	4.0	0.0	4.0	
26084	2	5124.0	5088.0	36.0	0.0	36.0	
26086	1	5155.0	5128.0	27.0	0.0	27.0	
26086	1U	5177.0	5166.0	11.0	0.0	11.0	
26087	1	5134.0	5124.0	10.0	0.0	10.0	
26090	2	5123.0	5103.0	20.0	0.0	20.0	
26092	1	5156.0	5140.0	16.0	4.0	12.0	
26092	2	5135.0	5101.0	34.0	0.0	34.0	
26094	2	5124.0	5092.0	32.0	0.0	32.0	
26096	1U	5173.0	5155.0	18.0	0.0	18.0	
26097	1	5163.0	5147.0	16.0	0.0	16.0	
26098	1U	5185.0	5182.0	3.0	0.0	3.0	
26098	AM	5233.0	5218.5	14.5	0.0	14.5	
26119	1	5167.0	5146.0	21.0	0.0	21.0	
26123	1	5178.0	5158.0	20.0	0.0	20.0	
26126	1	5135.0	5131.0	4.0	0.0	4.0	
26126	2	5113.0	5112.0	1.0	0.0	1.0	
26128	1	5162.5	5131.0	31.5	10.0	21.5	
26129	2	5128.5	5105.0	23.5	0.0	23.5	
26131	1	5165.5	5141.0	24.5	0.0	24.5	
26131	2	5129.0	5107.0	22.0	0.0	22.0	
26132	1	5146.0	5132.0	14.0	0.0	14.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
26132	2	5132.0	5103.0	29.0	0.0	29.0	
26133	2	5122.0	5102.0	20.0	0.0	20.0	
26135	3	5092.0	5081.0	11.0	0.0	11.0	
26135	4	5058.0	5039.0	19.0	0.0	19.0	
26136	2	5116.0	5105.0	11.0	0.0	11.0	
26136	3	5078.0	5064.0	14.0	4.0	10.0	
26137	4	5034.0	5009.0	25.0	0.0	25.0	
26137	5	4995.0	4994.0	1.0	0.0	1.0	
26137	6	4974.0	4959.0	15.0	7.0	8.0	
26138	3	5093.0	5073.0	20.0	0.0	20.0	
26139	4	5028.0	5025.0	3.0	0.0	3.0	
26140	1	5167.0	5145.0	22.0	0.0	22.0	
26141	2	5121.5	5095.0	26.5	0.0	26.5	
26142	3	5057.0	5055.0	2.0	0.0	2.0	
26143	1	5174.0	5120.0	54.0	0.0	54.0	
26146	2	5118.0	5095.0	23.0	11.0	12.0	
26147	3	5084.0	5065.0	19.0	0.0	19.0	
26149	2	5138.8	5110.0	28.8	0.0	28.8	
26149	3	5096.0	5071.0	25.0	10.0	15.0	
26150	1	5145.0	5132.0	13.0	0.0	13.0	
26150	2	5132.0	5110.0	22.0	0.0	22.0	
26150	3	5099.2	5088.4	10.8	0.0	10.8	
26150	10	5191.0	5181.0	10.0	0.0	10.0	
26151	1	5148.8	5132.8	16.0	0.0	16.0	
26151	2	5115.3	5091.6	23.7	0.0	23.7	
26151	3	5081.8	5073.9	7.9	0.0	7.9	
26153	2	5115.0	5112.0	3.0	0.0	3.0	
26153	3	5093.0	5077.0	16.0	10.0	6.0	
26153	4	5069.0	5053.0	16.0	2.0	14.0	
26156	1	5158.2	5145.7	12.5	0.0	12.5	
26156	2	5127.2	5101.3	25.9	8.0	17.9	
26156	3	5065.2	5058.7	6.5	0.0	6.5	
270	2	5116.0	5105.0	11.0	0.0	11.0	
27001	4	5079.0	5074.0	5.0	0.0	5.0	
27005	3	5085.0	5077.0	8.0	0.0	8.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
27006	3	5086.0	5084.0	2.0	0.0	2.0	
27007	3	5082.5	5075.0	7.5	0.0	7.5	
27008	3	5083.0	5077.5	5.5	0.0	5.5	
27020	1	5148.0	5146.0	2.0	0.0	2.0	
27021	1	5146.0	5143.0	3.0	0.0	3.0	
27024	2	5120.0	5113.0	7.0	0.0	7.0	
27029	2	5120.0	5112.0	8.0	0.0	8.0	
27033	2	5118.0	5113.0	5.0	0.0	5.0	
27041	2	5113.0	5107.0	6.0	0.0	6.0	
27042	4	5072.5	5069.0	3.5	0.0	3.5	
27050	2	5125.0	5109.0	16.0	0.0	16.0	
27051	3	5089.0	5070.0	19.0	0.0	19.0	
27052	3	5090.0	5085.0	5.0	0.0	5.0	
27054	4	5061.0	5047.0	14.0	0.0	14.0	
27055	5	5026.0	5015.0	11.0	0.0	11.0	
27057	3	5081.0	5065.0	16.0	10.0	6.0	
27058	4	5048.0	5041.0	7.0	0.0	7.0	
27060	2	5107.0	5084.0	23.0	3.0	23.0	
27061	3	5067.0	5064.0	3.0	0.0	3.0	
27061	5	5029.0	5014.0	15.0	0.0	15.0	
27063	4	5068.0	5063.0	5.0	0.0	5.0	
27082	2	5109.0	5100.0	9.0	0.0	9.0	
274	2	5113.5	5106.0	7.5	0.0	7.5	
277	2	5115.0	5111.5	3.5	0.0	3.5	
279	2	5113.5	5105.0	8.5	0.0	8.5	
28025	5	5042.0	5026.0	16.0	0.0	16.0	
28026	6	5024.0	5018.0	6.0	3.0	3.0	
28028	4	5084.0	5073.0	11.0	0.0	11.0	
28029	5	5057.0	5038.0	19.0	2.0	17.0	
281	3	5111.0	5106.5	4.5	0.0	4.5	
283	2	5114.0	5110.0	4.0	0.0	4.0	
29002	AU	5232.6	5206.9	25.7	0.0	25.7	
29003	1U	5146.6	5135.0	11.6	0.0	11.6	
30004	AL	5189.8	5185.8	4.0	0.0	4.0	
30005	1U	5164.1	5151.6	12.5	0.0	12.5	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
30006	1U	5176.7	5174.2	2.5	0.0	2.5	
30007	1	5140.7	5130.8	9.9	0.0	9.9	
30008	3	5068.4	5054.9	13.5	0.0	13.5	
30010	1	5157.9	5110.1	47.8	0.0	47.8	
30011	2	5078.9	5074.1	4.8	0.0	4.8	
31002	VC	5244.2	5220.7	23.5	0.0	23.5	
31004	AL	5175.3	5156.3	19.0	0.0	19.0	
31007	AM	5173.3	5167.5	5.8	0.0	5.8	
31008	1	5111.4	5092.2	19.2	0.0	19.2	
31010	AU	5199.4	5188.0	11.4	0.0	11.4	
31011	AL	5175.9	5154.2	21.7	0.0	21.7	
32002	AL	5154.4	5146.7	7.7	0.0	7.7	
32002	VC	5252.1	5184.6	67.5	0.0	67.5	
32003	2	5107.4	5058.4	49.0	0.0	49.0	
33026	7	5066.0	5047.0	19.0	0.0	19.0	
33027	8	5034.0	5027.0	7.0	0.0	7.0	
33029	7	5020.0	5016.0	4.0	0.0	4.0	
33029	8	4990.0	4980.0	10.0	3.0	7.0	
33031	6	5007.0	4999.0	8.0	0.0	8.0	
33032	7	4988.0	4970.0	18.0	10.0	8.0	
33034	4	5073.0	5063.0	10.0	0.0	10.0	
33035	5	5050.0	5046.0	4.0	0.0	4.0	
34001	2	5125.8	5117.8	8.0	0.0	8.0	
34003	3	5065.0	5059.0	6.0	0.0	6.0	
34004	4	5044.9	5037.1	7.8	0.0	7.8	
34006	2	5094.0	5085.0	9.0	3.5	5.5	
34007	3	5073.0	5069.0	4.0	0.0	4.0	
34009	3	5059.6	5051.1	8.5	0.0	8.5	
34010	4	5037.6	5029.3	8.3	0.0	8.3	
34011	3	5082.7	5072.4	10.3	0.0	10.3	
34011	4	5058.2	5048.2	10.0	4.7	5.3	
34012	1	5131.3	5112.8	18.5	0.0	18.5	
34012	1U	5162.3	5159.3	3.0	0.0	3.0	
34013	2	5107.3	5077.3	30.0	0.0	30.0	
35001	1U	5165.0	5153.0	12.0	0.0	12.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
35004	AL	5178.0	5172.5	5.5	0.0	5.5	
35005	1U	5168.0	5148.0	20.0	0.0	20.0	
35006	1U	5159.0	5133.0	26.0	0.0	26.0	
35008	1U	5175.0	5156.0	19.0	0.0	19.0	
35009	AL	5197.0	5181.0	16.0	0.0	16.0	
35010	1	5148.0	5142.0	6.0	0.0	6.0	
35012	1	5145.0	5129.3	15.7	0.0	15.7	
35012	1U	5163.0	5156.0	7.0	0.0	7.0	
35015	AU	5213.4	5212.0	1.4	0.0	1.4	
35016	1U	5175.0	5156.0	19.0	0.0	19.0	
35017	1	5128.0	5122.0	6.0	0.0	6.0	
35018	1U	5172.0	5136.0	36.0	0.0	36.0	
35019	2	5127.0	5115.0	12.0	0.0	12.0	
35021	1U	5163.4	5143.8	19.6	6.0	13.6	
35021	AL	5192.5	5181.9	10.6	0.0	10.6	
35024	AS	5215.8	5178.0	37.8	0.0	37.8	
35027	AL	5173.6	5166.9	6.7	0.0	6.7	
35027	AU	5211.1	5204.6	6.5	0.0	6.5	
35028	1U	5147.0	5142.0	5.0	0.0	5.0	
35030	AS	5210.4	5199.9	10.5	0.0	10.5	
35032	1	5143.0	5121.0	22.0	0.0	22.0	
35032	1U	5161.0	5143.0	18.0	0.0	18.0	
35033	2	5097.0	5091.0	6.0	0.0	6.0	
35035	1U	5188.0	5159.0	29.0	2.0	27.0	
35036	1	5143.0	5123.0	20.0	0.0	20.0	
35038	1	5148.5	5138.5	10.0	0.0	10.0	
35039	2	5128.5	5090.0	38.5	0.0	38.5	
35041	1	5137.0	5124.0	13.0	0.0	13.0	
35041	2	5110.0	5089.0	21.0	0.0	21.0	
35042	2	5105.0	5084.0	21.0	0.0	21.0	
35045	1U	5169.0	5157.0	12.0	0.0	12.0	
35049	1U	5168.4	5152.4	16.0	4.0	12.0	
35049	AL	5173.4	5172.4	1.0	0.0	1.0	
35051	1U	5173.0	5154.0	19.0	0.0	19.0	
35053	AM	5200.3	5188.3	12.0	4.0	3.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
35053	AU	5212.3	5205.3	7.0	0.0	7.0	
35054	AL	5195.9	5177.6	18.3	2.9	15.4	
35055	AL	5184.6	5182.2	2.4	0.0	2.0	
35055	AU	5212.9	5205.8	6.1	0.0	6.1	
35055	B	5250.4	5231.4	19.0	0.0	19.0	
35056	1U	5151.0	5127.0	24.0	0.0	24.0	
35059	1U	5162.0	5148.0	14.0	0.0	14.0	
35060	2	5128.0	5121.0	7.0	2.0	5.0	
35062	AL	5179.3	5166.5	12.8	4.3	8.5	
35063	1U	5152.0	5131.0	21.0	0.0	21.0	
35066	AL	5191.0	5174.3	16.7	0.0	16.7	
35067	1U	5169.0	5153.5	15.5	2.1	13.4	
35068	1	5136.0	5115.0	21.0	0.0	21.0	
35068	2	5115.0	5097.0	18.0	0.0	18.0	
35068	3	5093.0	5077.0	16.0	0.0	16.0	
35070	1U	5156.3	5153.2	3.1	0.0	3.1	
35071	1U	5135.7	5114.2	21.5	14.3	7.2	
35071	AS	5209.6	5181.0	28.6	0.0	28.6	
35072	1	5102.3	5093.0	9.3	0.0	9.3	
35073	AS	5209.0	5181.9	27.1	6.0	21.1	
35074	AL	5175.9	5170.9	5.0	0.0	5.0	
35078	1	5125.0	5120.8	4.2	0.0	4.2	
35078	1U	5170.0	5156.5	13.5	0.0	13.5	
35078	2	5108.0	5100.2	7.8	0.0	7.8	
35081	1	5136.7	5133.7	3.0	0.0	3.0	
35081	1U	5170.7	5161.4	9.3	0.0	9.3	
35081	2	5122.7	5101.0	21.7	0.0	21.7	
35082	1	5112.0	5106.0	6.0	0.0	6.0	
35082	1U	5147.0	5136.0	11.0	0.0	11.0	
35082	2	5097.7	5091.0	6.7	0.0	6.7	
35082	3	5077.1	5044.0	33.1	0.0	33.1	
35082	AL	5184.0	5182.0	2.0	0.0	2.0	
35082	AM	5208.0	5200.0	8.0	0.0	8.0	
35082	AU	5226.0	5224.0	2.0	0.0	2.0	
35088	1	5119.0	5108.3	10.7	0.0	10.7	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
35088	1U	5166.5	5147.3	19.2	0.0	19.2	
35089	2	5091.5	5083.0	8.5	0.0	8.5	
35089	3	5077.5	5046.5	31.0	0.0	31.0	
36002	AL	5200.5	5197.0	3.5	0.0	3.5	
36003	AS	5217.8	5211.8	6.0	0.0	6.0	
36004	AS	5221.6	5218.7	2.9	0.0	2.9	
36007	AS	5220.3	5214.8	5.5	0.0	5.5	
36008	AS	5219.2	5202.9	16.3	0.0	16.3	
36009	AS	5214.9	5210.1	4.8	0.0	4.8	
36010	AS	5210.5	5201.3	9.2	0.0	9.2	
36011	AS	5210.9	5201.8	9.1	0.0	9.1	
36012	AS	5213.6	5210.5	3.1	0.0	3.1	
36020	AM	5222.9	5206.9	16.0	0.0	16.0	
36024	AL	5205.5	5198.7	6.8	0.0	6.8	
36025	AS	5210.6	5204.4	6.2	0.0	6.2	
36026	AS	5213.6	5203.6	10.0	0.0	10.0	
36027	AM	5216.7	5206.7	10.0	0.0	10.0	
36029	AS	5216.6	5210.8	5.8	0.0	5.8	
36033	AS	5222.0	5207.0	15.0	0.0	15.0	
36034	AS	5223.0	5209.0	14.0	0.0	14.0	
36036	AS	5218.9	5191.5	27.4	0.0	27.4	
36037	AS	5216.8	5185.5	31.3	0.0	31.3	
36038	AS	5214.1	5181.1	33.0	0.0	33.0	
36039	AS	5209.1	5183.9	25.2	0.0	25.2	
36043	AM	5196.3	5190.0	6.3	0.0	6.3	
36044	AS	5221.2	5180.3	40.9	0.0	40.9	
36061	AL	5182.3	5182.1	0.2	0.0	0.2	
36061	AM	5199.9	5191.1	8.8	0.0	8.8	
36061	AU	5209.8	5209.6	0.2	0.0	0.2	
36062	AL	5174.8	5154.9	19.6	9.5	10.1	
36063	AL	5176.8	5159.0	17.8	7.7	10.1	
36066	1U	5146.7	5141.3	5.4	0.0	5.4	
36066	AL	5169.9	5156.3	13.6	0.0	13.6	
36066	AU	5216.8	5206.4	10.4	0.0	10.4	
36071	AM	5202.5	5193.0	9.5	0.0	9.5	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
36072	AL	5184.8	5170.7	14.1	0.0	14.1	
36076	AU	5223.6	5205.4	18.2	0.0	18.2	
36078	AS	5214.0	5208.0	6.0	0.0	6.0	
36079	1	5142.0	5132.0	10.0	0.0	10.0	
36079	1U	5163.0	5158.0	5.0	0.0	5.0	
36081	1U	5145.0	5140.0	5.0	0.0	5.0	
36081	AL	5181.7	5166.9	14.8	4.8	10.0	
36104	AM	5196.5	5176.9	22.6	13.2	9.4	
36105	AL	5169.9	5162.2	7.7	0.0	7.7	
36105	AM	5186.8	5169.9	16.9	0.0	16.9	
36105	AU	5209.2	5201.7	7.5	0.0	7.5	
36110	AS	5196.6	5193.5	3.1	0.0	3.1	
36113	AL	5168.0	5167.5	0.5	0.0	0.5	
36113	AM	5201.0	5198.0	3.0	0.0	3.0	
36113	AS	5207.3	5206.3	1.0	0.0	1.0	
36114	1	5146.0	5126.0	20.0	0.0	20.0	
36114	2	5126.0	5100.0	26.0	0.0	26.0	
36116	AU	5257.8	5244.8	13.0	0.0	13.0	
36117	AM	5224.3	5209.8	14.5	0.0	14.5	
36118	AU	5209.0	5201.0	8.0	0.0	8.0	
36119	AM	5176.9	5158.6	18.3	0.0	18.3	
36121	AM	5180.6	5174.8	5.8	0.0	5.8	
36122	AM	5158.6	5151.9	6.7	0.0	6.7	
36147	1U	5162.6	5161.4	1.2	0.0	1.2	
36147	AL	5212.3	5204.9	7.4	0.0	7.4	
36147	AM	5219.0	5216.5	2.5	4.2	9.9	
36147	AU	5224.2	5222.7	1.5	0.0	1.5	
36148	2	5110.0	5090.0	20.0	0.0	20.0	TOP/BASE ARE APPROX.
36148	3	5090.0	5074.0	16.0	0.0	16.0	TOP/BASE ARE APPROX.
36149	1U	5175.0	5155.0	20.0	2.6	17.4	
36150	1	5144.0	5110.0	34.0	0.0	34.0	TOP/BASE ARE APPROX.
36150	AS	5223.6	5204.6	19.0	0.0	19.0	
36154	1U	5126.7	5116.3	10.4	0.0	10.4	
36155	AL	5160.1	5156.0	4.1	0.0	4.1	
36155	B	5243.3	5231.3	12.0	0.0	12.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
36156	1U	5125.0	5117.5	7.5	0.0	7.5	
36156	AL	5155.0	5153.0	2.0	0.0	2.0	
36156	AM	5199.5	5171.2	28.3	0.0	28.3	
36169	AM	5169.0	5165.0	4.0	0.0	4.0	
36170	1	5114.0	5095.0	19.0	0.0	19.0	
36170	1U	5137.0	5134.0	3.0	0.0	3.0	
36170	2	5095.0	5073.0	22.0	0.0	22.0	
36170	AL	5158.0	5153.0	5.0	0.0	5.0	
36179	1	5141.0	5118.0	23.0	0.0	23.0	
36179	1U	5163.0	5152.0	11.0	0.0	11.0	
36179	2	5118.0	5090.0	28.0	0.0	28.0	
36182	AS	5222.0	5174.0	48.0	19.0	29.0	
36183	AL	5157.0	5143.0	14.0	1.0	13.0	
36183	AM	5164.0	5162.0	2.0	0.0	2.0	
37305	3	5088.0	5077.0	11.0	0.0	11.0	
37305	4	5061.0	5042.0	19.0	0.0	19.0	
37307	2	5123.0	5105.0	18.0	0.0	18.0	
37307	3	5090.0	5078.0	12.0	3.0	9.0	
37307	4	5056.0	5032.0	24.0	0.0	24.0	
37318	3	5096.0	5075.0	21.0	10.0	11.0	
37320	4	5086.0	5050.0	35.0	11.0	24.0	
37371	3	5090.0	5078.0	12.0	0.0	12.0	
37372	4	5060.0	5035.0	25.0	0.0	25.0	
37376	3	5091.0	5085.0	6.0	0.0	6.0	
37377	5	5033.0	5024.0	9.0	0.0	2.0	
37377	3	5084.0	5082.0	2.0	0.0	2.0	
37377	4	5069.0	5045.0	23.0	4.0	19.0	
37387	2	5108.0	5095.0	13.0	6.0	7.0	
37387	3	5095.0	5072.0	23.0	0.0	23.0	
37387	4	5062.0	5033.0	29.0	8.0	21.0	
37389	2	5106.0	5094.0	12.0	0.0	12.0	
37390	3	5090.0	5073.0	17.0	7.0	10.0	
37391	4	5078.0	5052.0	26.0	0.0	26.0	
37391	5	5046.0	5031.0	15.0	2.0	13.0	
37392	5	5039.0	5032.5	6.5	0.0	6.5	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
37392	4	5068.0	5054.0	14.0	3.0	11.0	
404	1	5143.0	5135.0	8.0	0.0	8.0	ESTIMATED BASE
424	1	5151.5	5141.0	10.5	0.0	10.5	
438	2	5132.0	5120.0	12.0	0.0	12.0	ESTIMATED BASE
5007	1	5141.0	5121.0	20.0	0.0	20.0	
657	10	5169.0	5145.0	24.0	0.0	24.0	
70	2	5116.0	5096.0	20.0	3.0	17.0	ESTIMATED BASE
83	4	5080.0	5071.0	9.0	0.0	9.0	
84	4	5069.0	5063.0	6.0	0.0	6.0	
861	1	5140.0	5125.0	15.0	0.0	15.0	
862	1	5165.0	5158.0	7.0	0.0	7.0	
876	1	5167.5	5143.0	24.5	0.0	24.5	
878	1	5165.0	5154.0	11.0	0.0	11.0	
880	1	5163.0	5146.0	17.0	0.0	17.0	
881	1	5166.0	5146.0	20.0	0.0	20.0	
973	1	5138.0	5122.0	16.0	0.0	16.0	
973	2	5120.0	5106.0	14.0	0.0	14.0	
975	2	5123.0	5095.0	28.0	10.0	18.0	
975	3	5080.0	5068.0	12.0	0.0	12.0	
975	4	5056.0	5042.0	14.0	9.0	5.0	
975	5	5022.4	5018.4	4.0	0.0	4.0	
975	6	4998.4	4988.4	10.0	3.0	7.0	
975	7	4954.4	4952.4	2.0	0.0	2.0	
975	8	4934.4	4932.4	2.0	0.0	2.0	
975	9	4871.4	4869.4	2.0	0.0	2.0	
995	2	5123.0	5105.0	18.0	10.0	8.0	
995	3	5088.0	5060.0	28.0	0.0	28.0	
995	4	5060.0	5032.0	28.0	10.0	18.0	
995	7	4978.0	4961.0	17.0	0.0	17.0	
995	8	4930.0	4928.0	2.0	0.0	2.0	
995	9	4899.0	4893.0	6.0	0.0	6.0	
AX009	1	5152.0	5150.0	2.0	0.0	2.0	
AX010	1	5145.5	5142.0	3.5	0.0	3.5	
AX019	1	5148.0	5146.0	2.0	0.0	2.0	
AX032	1	5164.0	5154.0	10.0	0.0	10.0	

DENVER FM SANDSTONE TOP AND BASE ELEVATIONS AND THICKNESSES

WELL	ZONE OR UNIT	TOP SANDSTONE ELEVATION	BASE SANDSTONE ELEVATION	GROSS SANDSTONE THICKNESS	SHALE THICKNESS	NET SANDSTONE THICKNESS	COMMENTS
AX033	1	5162.0	5159.0	3.0	0.0	3.0	
AX034	1	5164.0	5144.0	20.0	0.0	20.0	
AX040	1	5157.0	5147.0	10.0	0.0	10.0	
AX042	1	5159.5	5150.0	9.5	0.0	9.5	
AX068	2	5114.0	5107.0	7.0	0.0	7.0	
B-05	2	5112.0	5110.0	2.0	0.0	2.0	
E-69	2	5114.0	5108.0	6.0	0.0	6.0	
E-69	3	5083.0	5072.0	11.0	0.0	11.0	
E-69	4	5056.0	5044.0	12.0	0.0	12.0	
E-75	3	5098.0	5085.0	13.0	0.0	13.0	
E-75	4	5085.0	5077.0	8.0	0.0	8.0	
EP-19	2	5116.0	5098.0	18.0	7.0	11.0	
EP-19	3	5080.0	5068.0	12.0	0.0	12.0	
EP-19	4	5061.0	5032.0	29.0	0.0	29.0	
EP-19	5	5026.0	5017.0	9.0	0.0	9.0	
EP-28	2	5108.0	5090.0	18.0	0.0	18.0	
RM87-4A	1	5139.0	5124.0	15.0	0.0	15.0	

APPENDIX A.2: BEDROCK ELEVATIONS AND SCREENED DENVER FM ZONES OR UNITS

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

EXPLANATION

An estimated bedrock elevation is listed where survey data were unavailable or where, due to the lithologic description from a boring log or other source, the elevation of the bedrock is tenuous.

Where both an estimated bedrock elevation and a bedrock elevation are listed, the estimated bedrock elevation was used to contour the bedrock surface elevation map, because the surveyed elevation was unavailable at the time of contouring.

Wells screened in the alluvium are not included on this list. See Water Chemistry Summary, 3rd Quarter, 1987 for bedrock depths.

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
01006	VC	5247.9	
01007	VC	5270.4	
01008	VC	5251.2	
01012	VC	5258.5	
01013	VC	5257.7	
01014	VC	5262.5	
01015	AU	5262.5	
01016	VC	5261.0	
01018	VC	5258.9	
01019	VC	5250.9	
01022	AM	5199.3	
01023	1U	5198.7	
01025	AU	5185.4	
01026	AL	5185.3	
01028	AS AU	5244.8	
01029	AL	5244.7	
01030	VCE	5251.1	
01031	AU	5253.4	
01032	AM	5251.3	
01034	AM	5238.2	
01035	AL	5238.5	
01036	AU	5250.6	
01037	AML	5250.6	
01039	AU	5244.9	
01040	AML	5244.9	
01042	AL	5243.8	
01043	1	5243.8	
01045	AM	5237.8	
01046	2	5237.8	
01047	VC	5245.3	
01048	2	5245.3	
01049	ALL VC	5240.1	
01050	AS	5240.1	
01052	ALL VC	0.0	5150.0
01053	VCE	0.0	5150.0
01054	ALL VCE	0.0	5150.0
01055	VCE	0.0	5150.0
01056	VCE	0.0	5150.0
01066	VC	5264.9	
01067	AUS	5264.3	
01068	AS AU	5264.7	
01515	VC	5265.7	
01516	VC	5265.1	
01517	VC	5269.6	
01520	VC	5266.1	
01521	VC	5265.6	
01522	VC	5260.5	
01523	VC	5272.5	
01524	VC	5254.4	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
01526	VC	5263.8	
01529	VC	5264.9	
01530	VC	5267.0	
01531	VC	5260.2	
01532	VC	5267.7	
01533	VC	5262.3	
01534	VC	5261.3	
01535	VC	5255.0	
01536	VC	5249.0	
01537	VC	5261.9	
01538	VC	5265.5	
01539	VC	5262.7	
01540	VC	5261.0	
01541	VC	5257.0	
01542	VC	5252.2	
01547	B VCE	5262.3	
01548	VC	5265.0	
01549	VC	5260.6	
01550	VC	5264.3	
01551	VC	5259.7	
01552	VC	5260.1	
01553	VC	5262.1	
01554	VC	5263.4	
01555	VC	5260.8	
01556	VC	5259.1	
01557	VC	5259.4	
01558	VC	5251.8	
01559	VC	5255.7	
01560	VC	5252.5	
01563	VCE	5259.0	
01564	VC	5250.3	
01565	VC	5259.4	
01566	VC	5265.5	
01567	VC	5268.4	
01568	VC	5266.1	
01569	VC	5265.2	
01570	VC	5268.5	
01571	VC	5264.6	
01586	VC	5245.4	
01587	VC	5253.5	
01588	VC	5257.0	
01589	VC	5262.8	
01701	VC	0.0	5253.0
01702	VC	0.0	5244.0
02003	VC	5264.6	
02004	AS	5264.6	
02005	VC	5266.5	
02006	VC	5262.7	
02007	VC	5245.1	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
02009	2	5131.7	
02010	3	5131.8	
02012	1U	5143.8	
02013	2	5143.6	
02015	1U	5180.6	
02016	2	5180.7	
02018	AU	5241.1	
02019	AL	5240.9	
02021	AL	5188.2	
02022	1U	5188.4	
02024	AM	5208.9	
02025	1U	5208.9	
02027	AM	5170.8	
02028	1U	5170.6	
02030	AUM	5259.4	
02031	1U	5259.0	
02032	AML	5233.1	
02033	1U	5233.1	
02035	AMU	5217.7	
02036	1U	5217.7	
02038	AM	5216.1	
02039	1U	5216.1	
02041	AM	5213.1	
02042	1U	5213.1	
02043	AU	5254.2	
02044	AL	5254.2	
02045	AMU	5256.1	
02046	1U	5256.1	
02047	AS	5261.7	
02048	1U	5261.7	
02543	VC	5271.7	
02544	VC	5267.6	
02545	VC	5259.1	
02561	VC	5250.9	
02562	VC	5251.2	
02572	VC	5245.9	
02573	VC	5243.2	
02574	VC	5236.7	
02575	VC	5239.8	
02576	VC	5240.0	
02577	VC	5235.7	
02578	VC	5235.3	
02579	VC	5230.6	
02580	VC	5236.2	
02581	VC	5248.3	
02582	VC	5249.4	
02583	VC	5245.4	
02584	VC	5246.5	
02585	VC	5246.4	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
02594	VC	5263.1	
03003	3	5090.4	
03004	4	5090.8	
03006	2	5136.1	
03007	7	5135.8	
04008	3	5094.8	
04009	5	5094.7	
04011	5	5106.6	
04012	6	5106.6	
05001	B	5287.6	
05002	B	5281.4	
05003	B	5280.9	
06004	A SH	5226.4	
06005	AL LG	5226.6	
07004	B	5271.5	
07005	VC	5270.8	
08004	B	5261.6	
08005	AL LG	5261.2	
09003	2	5125.0	
09004	4	5124.1	
11003	B	5185.1	
11004	AU	5185.1	
12003	B	5225.7	
12004	AU	5225.9	
19001	1	5147.0	
19002	2	5161.5	
19003	1	5174.9	
19005	1 SH	5143.5	
19006	1	5138.2	
19007	1	5142.9	
19011	1	5190.3	
19015	2	5165.6	
19016	3	5164.4	
19017	1	5173.1	
19018	2 SH	5173.0	
19019	4	5173.0	
22002	4 5	5107.4	
22023	4	5064.5	
22024	5	5064.6	
22027	3	5111.1	
22028	4	5111.0	
22030	4	5112.5	
22031	5	5112.4	
22312	3 SH	5094.9	
23023	2	5129.1	
23053	2 SH	5123.5	
23054	1 SH	5139.0	
23055	1	5141.2	
23056	1	5132.9	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
23061	1	5147.8	
23062	1 SH	5139.4	
23106	2 SH	5134.8	
23125	1	5136.6	
23144	2	5128.4	
23154	SH	0.0	5135.0
23155	1	0.0	5125.0
23161	3	5129.0	
23163	3	5137.0	
23167	2	5124.1	
23168	3	5124.1	
23169	4	5124.4	
23171	2	5132.5	
23172	2	5130.9	
23176	2	5131.0	
23177	2	5133.7	
23180	2	5140.8	
23181	2	5140.8	
23182	2	5127.9	
23183	4	5127.0	
23184	5	5127.6	
23185	1 SH	5145.6	
23186	2	5146.6	
23187	4	5146.5	
23189	2	5134.4	
23190	3	5134.3	
23192	3	5138.1	
23193	4	5138.0	
23199	1 SH	5134.3	
23200	3	5127.0	
23201	4	5126.6	
23202	2	5128.8	
23203	2	5128.3	
23204	2	5125.9	
23209	3	5129.3	
23210	8	5128.9	
23218	2	5127.4	5128.4
23219	3	5127.4	5128.4
23226	2	5124.4	
23227	2	5129.8	5131.0
23228	2	5129.8	5131.0
23340	2	0.0	5126.0
24063	2 SH	5138.3	
24080	1	5170.3	
24082	1	5160.9	
24083	1	5153.8	
24086	1	5158.9	
24087	1	5149.4	
24089	1	5156.1	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
24090	1	5152.4	
24108	1	5164.7	
24109	2 SH	5168.8	
24120	3	5152.9	
24124	1	5179.8	
24125	1	5170.8	
24126	1 SH	5144.2	
24127	2	5129.2	
24130	2 SH	5126.6	
24131	3	5120.4	
24132	3	5120.4	
24133	2	5125.9	
24134	3	5125.9	
24135	2	5132.8	
24136	3	5132.8	
24137	4	5132.8	
24138	2	5131.2	
24139	3	5131.2	
24140	2	5120.1	
24141	3	5120.1	
24142	3	5114.1	
24143	4	5114.1	
24144	3	5117.7	
24145	2	5121.3	
24146	3	5121.3	
24147	3	5138.9	
24159	4	5129.1	
24167	2	5129.5	
24168	3	5129.1	
24171	2	5122.7	
24172	5	5122.6	
24174	3	5121.5	
24175	4	5121.8	
24184	2	5128.1	
24191	2	5122.9	5120.0
25004	AS	5249.0	
25005	1	5184.2	
25006	1	5184.2	
25007	1	5157.1	
25008	AS	5202.0	
25009	1	5202.9	
25010	2	5202.4	
25012	1	5177.1	
25013	2	5177.1	
25014	1	5176.7	
25015	1	5157.5	
25016	2	5157.5	
25017	2	5157.5	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
25019	2	5145.7	
25020	4	5145.7	
25021	2	5210.9	
25023	AL	5214.9	
25024	1U	5214.4	
25025	1U	5226.1	
25026	1U	5226.1	
25027	AS	5179.5	
25028	1 S.I	5179.4	
25029	1	5179.6	
25030	AS	5186.8	
25031	1	5186.7	
25032	AU	5250.7	
25033	AS	5250.8	
25034	1	5250.5	
25035	VC	5236.1	
25036	AL	5235.9	
25037	1	5236.4	
25039	1U	5184.9	
25040	1	5185.1	
26019	1	5145.4	
26021	1	5137.2	
26022	1	5144.4	
26023	1	5149.3	
26024	1 SH	5153.3	
26025	1 SH	5152.9	
26026	1	5159.2	
26027	1 SH	5165.5	
26028	1 SH	5163.4	
26029	1	5163.6	
26030	1 SH	5173.4	
26031	1	5171.4	
26041	1 SH	5145.2	
26042	2	5141.7	
26043	2	5144.1	
26047	1 SH	5138.7	
26051	1	5166.0	
26052	1	5173.2	
26053	1	5162.5	
26054	1U	5208.3	
26055	1	5206.9	
26056	1U	5205.1	
26057	1	5191.3	
26058	1	5183.6	
26060	2	5176.3	
26061	2	5146.2	
26063	1U	5190.3	
26064	1U	5190.3	
26066	1	5164.7	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
26067	2	5164.7	
26069	2	5161.4	
26071	1	5160.0	
26072	2	5160.0	
26074	1U	5174.0	
26075	1	5174.0	
26077	2	5151.8	
26079	2	5152.6	
26080	3	5152.6	
26082	2	5144.8	
26084	2	5148.8	
26086	1	5178.0	
26089	2	5139.0	
26090	3	5139.0	
26092	2	5157.4	
26094	2	5159.5	
26096	1U	5176.8	
26097	1U	5211.1	
26098	AM	5222.6	
26123	1	5178.4	
26128	1	5160.8	
26129	2	5160.8	
26130	2	5160.9	
26131	1	5165.4	
26132	2	5145.1	
26134	2	5148.7	
26135	4	5148.7	
26136	4	5140.5	
26137	6	5140.5	
26138	3	5138.0	
26139	4 SH	5138.0	
26140	1	5173.6	
26141	2	5173.6	
26142	3 SH	5173.6	
26144	1	5174.4	
26146	2	5140.9	
26147	3	5140.0	
27021	1	5149.4	
27022	1 SH	5151.0	
27029	2	5121.6	
27033	2	5116.0	
27049	2	5140.7	
27054	4	5088.1	
27055	5	5088.0	
27057	3	5095.0	
27058	4	5095.1	
27060	2	5127.8	
27061	5	5127.8	
28025	5	5080.2	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
28026	6	5080.3	
28028	4	5091.7	
28029	5	5091.7	
28030	3	0.0	5100.4
29002	AU	5241.6	
29003	1U	5241.6	
30004	AL	5207.3	
30005	1U	5207.3	
30006	1U	5187.7	
30007	1	5187.7	
30008	3	5187.7	
30010	1	5181.6	
30011	2	5181.6	
31002	VCE	5242.7	
31004	AL	5231.1	
31006	AM	5179.8	
31007	AL	5179.8	
31008	1U	5179.8	
31010	AU	5206.2	
31011	AL	5206.2	
32002	AL	5229.3	
32003	2	5229.3	
33015	4	5095.4	
33016	4	5095.0	
33026	7	5091.6	
33027	8	5090.8	
33029	8	5040.3	
33031	6	5054.5	
33032	7	5054.3	
33034	4	5095.5	
33035	5	5095.3	
34003	3	5106.4	
34004	4	5106.2	
34006	2	5110.4	
34007	4	5110.6	
34009	3	5080.3	
34010	4	5080.1	
35005	1U SH	5177.9	
35008	VCE	5193.7	
35009	1U	5203.8	
35010	1U	5175.3	
35012	1U	5195.8	
35013	A	5260.9	
35014	A	5256.0	
35015	AU	5245.0	
35016	1U	5196.8	
35017	1	5196.8	
35019	2	5188.1	
35021	1U	5192.4	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
35024	AS	5215.8	
35027	AL SH	5211.1	
35028	1U	5211.1	
35030	VCE	5229.4	
35032	1	5179.1	
35033	2	5179.1	
35035	1U	5190.0	
35036	1	5190.0	
35038	1	5165.5	
35039	2	5165.5	
35041	2	5163.7	
35049	1U	5180.9	
35050	AL SH	5210.8	
35051	1U	5210.8	
35054	AL	5205.4	
35055	AU	5262.0	
35056	1U	5261.7	
35059	1U	5177.4	
35060	2	5177.4	
35062	AL	5208.6	
35063	1U	5209.0	
35066	AL	5203.1	
35067	1U	5203.1	
35068	1 2 & 3	5202.9	
35070	1U	5198.4	
35071	AS	5261.0	
35072	1	5261.0	
35073	AS	5251.4	
35074	VC	5251.4	
36002	AL	5210.0	
36003	AS	5217.8	
36004	VCE	5228.1	
36007	AS	5220.3	
36008	AS	5218.1	
36009	AS	5214.9	
36010	AS	5210.5	
36011	AS	5210.9	
36012	AS	5213.5	
36020	AS	5222.9	
36024	AL	5209.5	
36025	A SH	5210.6	
36026	AS	5213.6	
36027	AM	5218.2	
36029	AS	5216.6	
36033	AS	5222.0	
36034	A SH	5223.0	
36036	AS	5218.9	
36037	AS	5216.8	
36038	AS	5214.1	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
36039	A SH	5209.1	
36043	AM	5196.3	
36044	AS	5220.8	
36045	A	5228.5	
36046	A	5223.5	
36047	AS	5222.0	
36055	VC	5229.4	
36056	VC	5217.9	
36057	A	5202.8	
36058	VCE	5236.6	
36059	A SH	5236.6	
36061	1U	5224.4	
36062	VCE	5219.5	
36064	AL	5225.9	
36066	AL	5221.6	
36067	1U	5217.4	
36068	VCE	5224.1	
36069	VCE	5229.5	
36071	AM	5202.5	
36072	AL	5202.5	
36078	A SH	5217.5	
36079	1 SH	5217.5	
36083	1U	5204.7	
36086	VCE	5242.8	
36090	VC	5231.9	
36092	AS	5197.3	
36094	AS	5196.4	
36096	AS	5199.2	
36099	AS	5200.4	
36100	AL	5199.0	
36104	1U	5217.4	
36105	AM	5229.5	
36107	A	5234.3	
36110	AS	5231.0	
36113	1U	5214.5	
36114	1 2	5214.3	
36116	AU	5273.3	
36117	AM	5273.3	
36118	AU	5256.6	
36119	AM	5256.6	
36121	AM	5211.1	
36122	AM	5211.1	
36138	AS	5222.7	
36139	AS	5222.7	
36140	AS	5222.7	
36141	A	5222.0	
36146	AM	5225.5	
36147	1U SH	5225.3	
36148	1 2 & 3	5223.6	

BEDROCK ELEVATIONS AND SCREENED ZONES OR UNITS

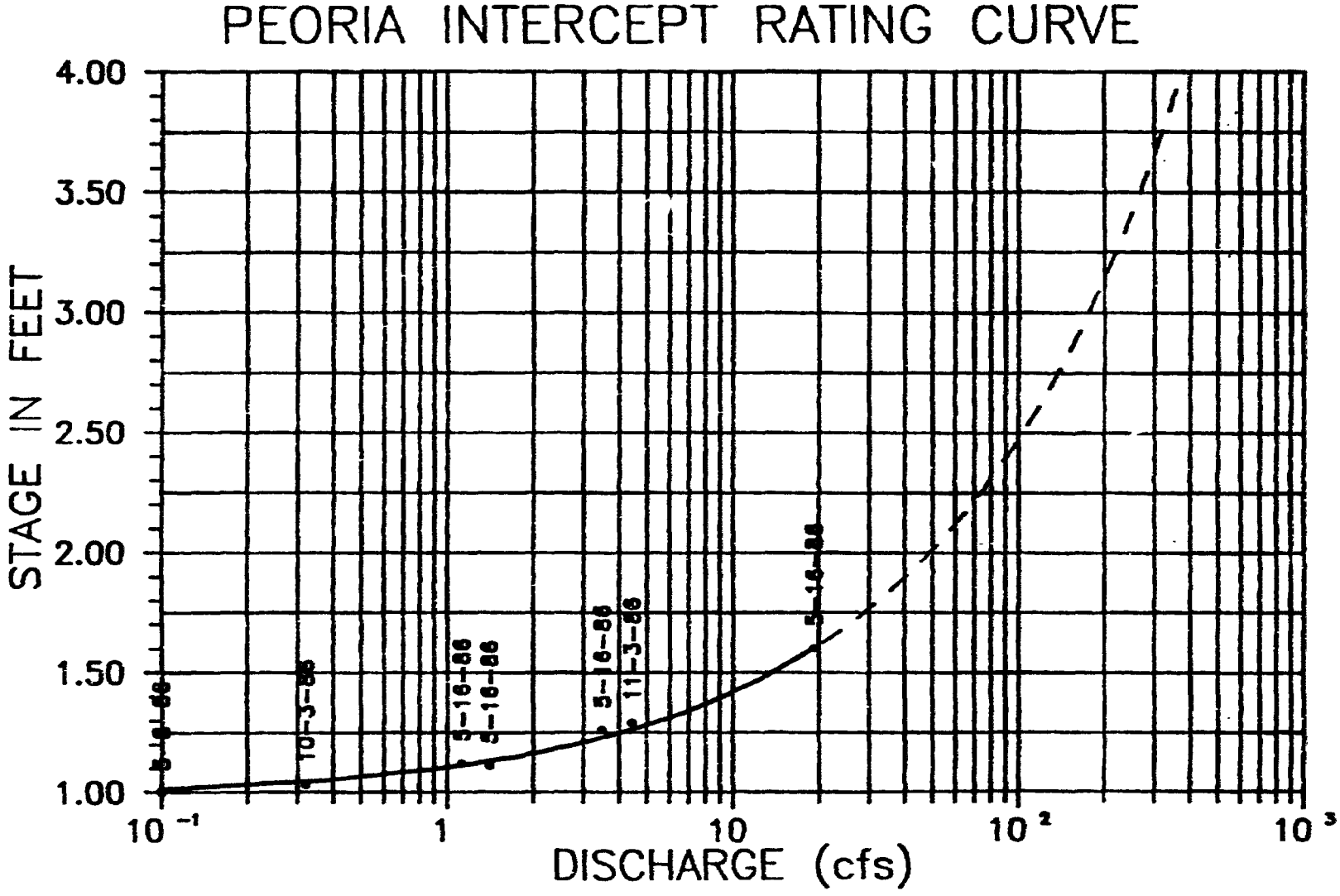
WELL NUMBER	SCREENED ZONE OR UNIT	BEDROCK ELEVATION	ESTIMATED BEDROCK ELEVATION
36149	1U	5224.0	
36151	VC	5257.2	
36152	VC	5232.6	
36153	VC	5228.7	
36154	1U	5246.8	
36155	AL	5246.9	
36156	1U	5238.5	
36157	A	5238.5	
36160	1 SH	5234.5	
36592	A SH	5230.6	
37316	5	5095.0	
37317	4	5095.0	
37318	3	5093.0	
37319	6	5094.0	
37321	4	5095.0	
37322	5	5096.0	
37323	2	5120.0	
37365	4	5076.9	
37371	3	5091.3	5090.0
37372	4	5091.5	5090.0
37376	3	5105.6	5108.7
37379	3	5091.3	5092.3
37380	4	5092.0	5092.3
37382	3	5077.8	5077.8
37387	2	5118.2	5117.4
37388	4	5118.4	5117.4
37390	3	5103.9	5100.0

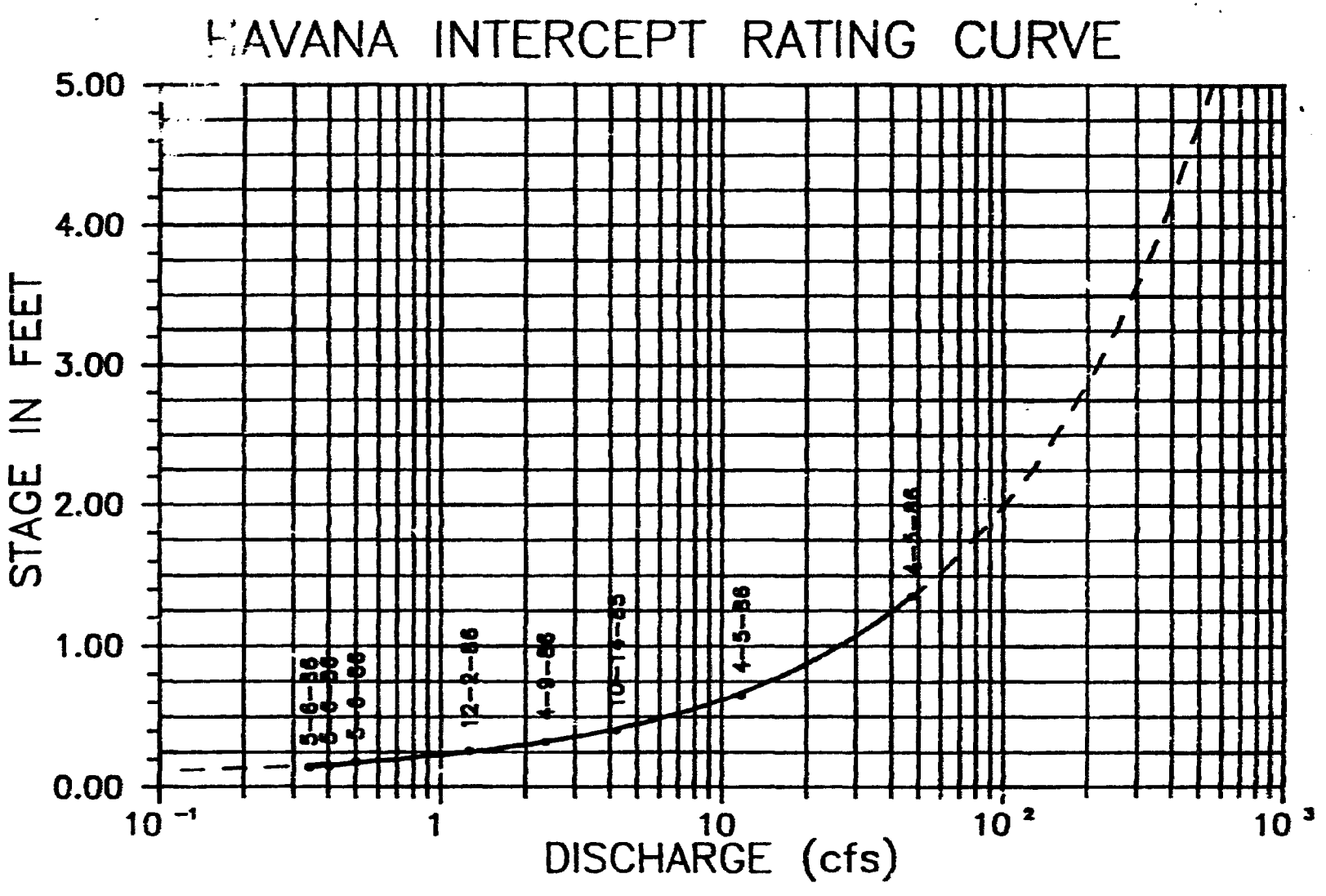
APPENDIX B

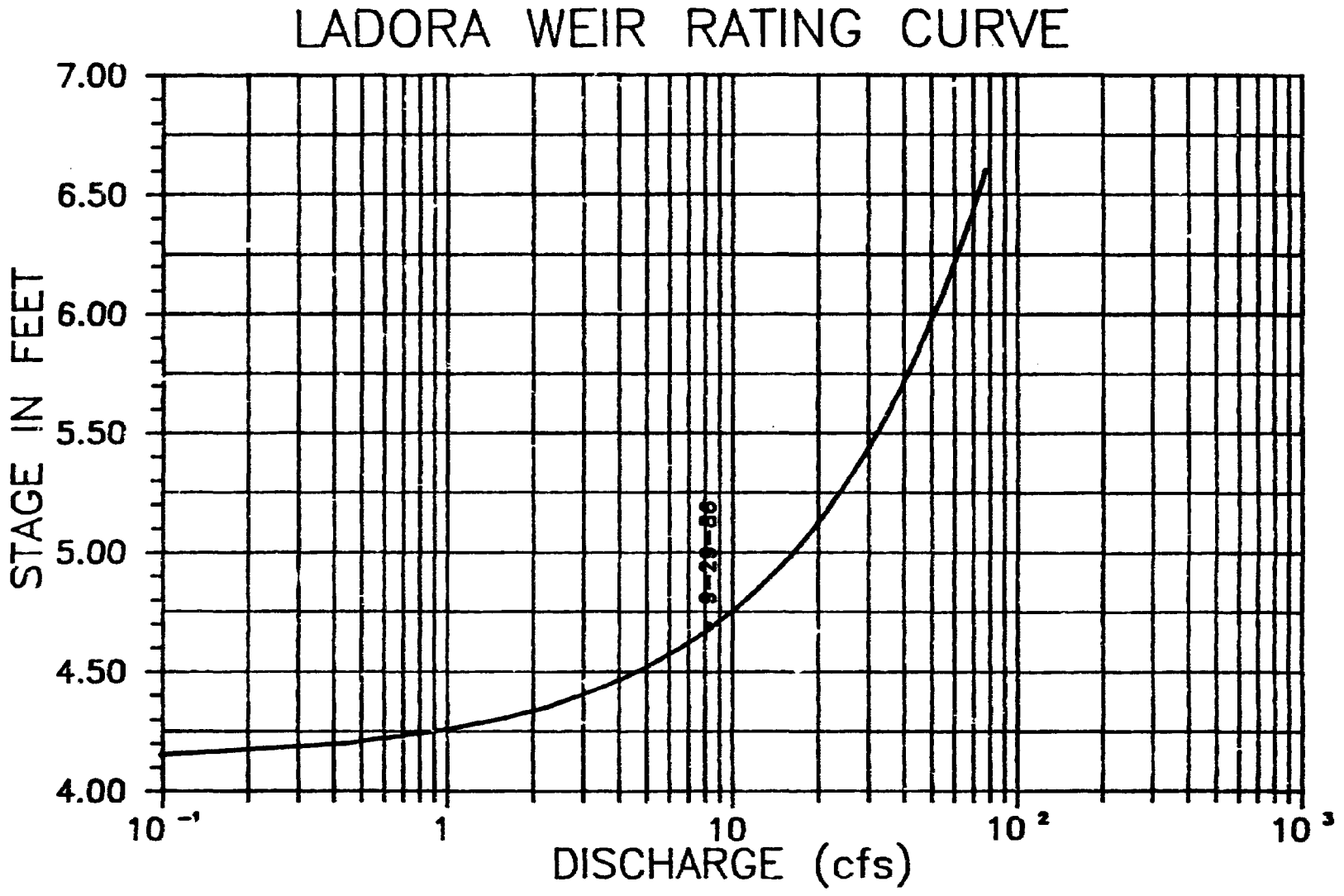
HYDROLOGIC DATA

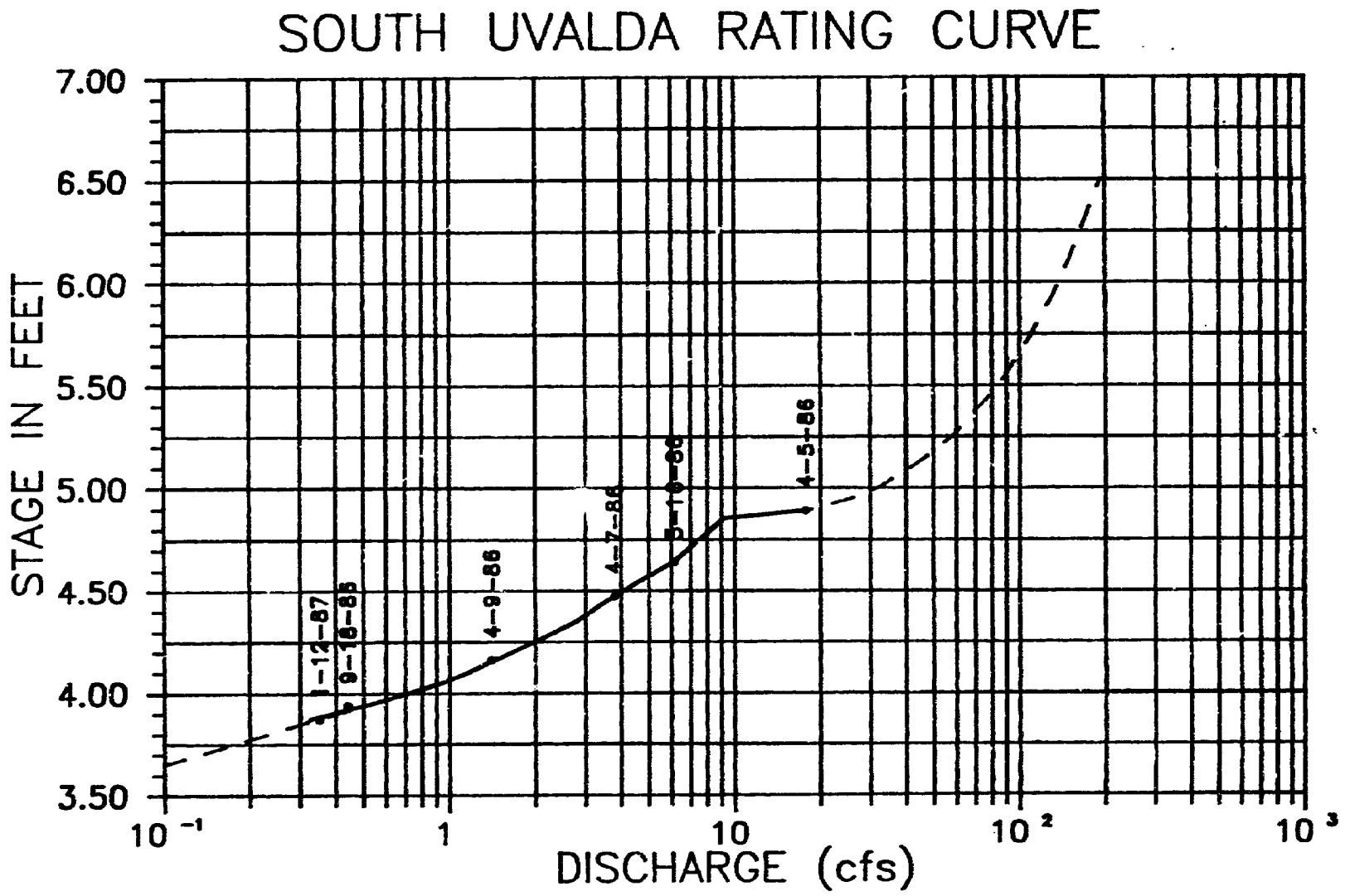
APPENDIX B.1: SURFACE WATER DATA

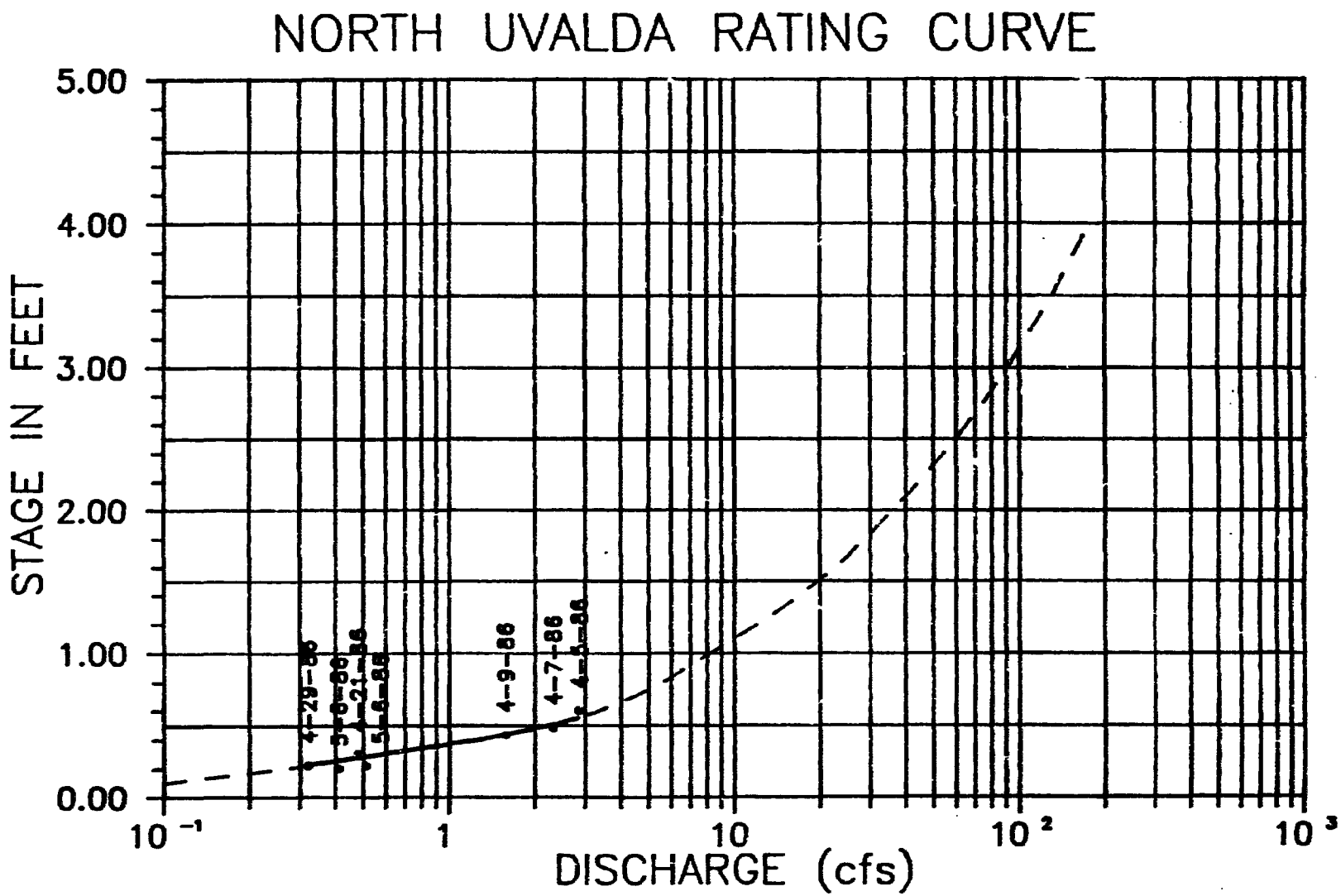
RATING CURVES FOR RMA STREAM GAGING STATIONS

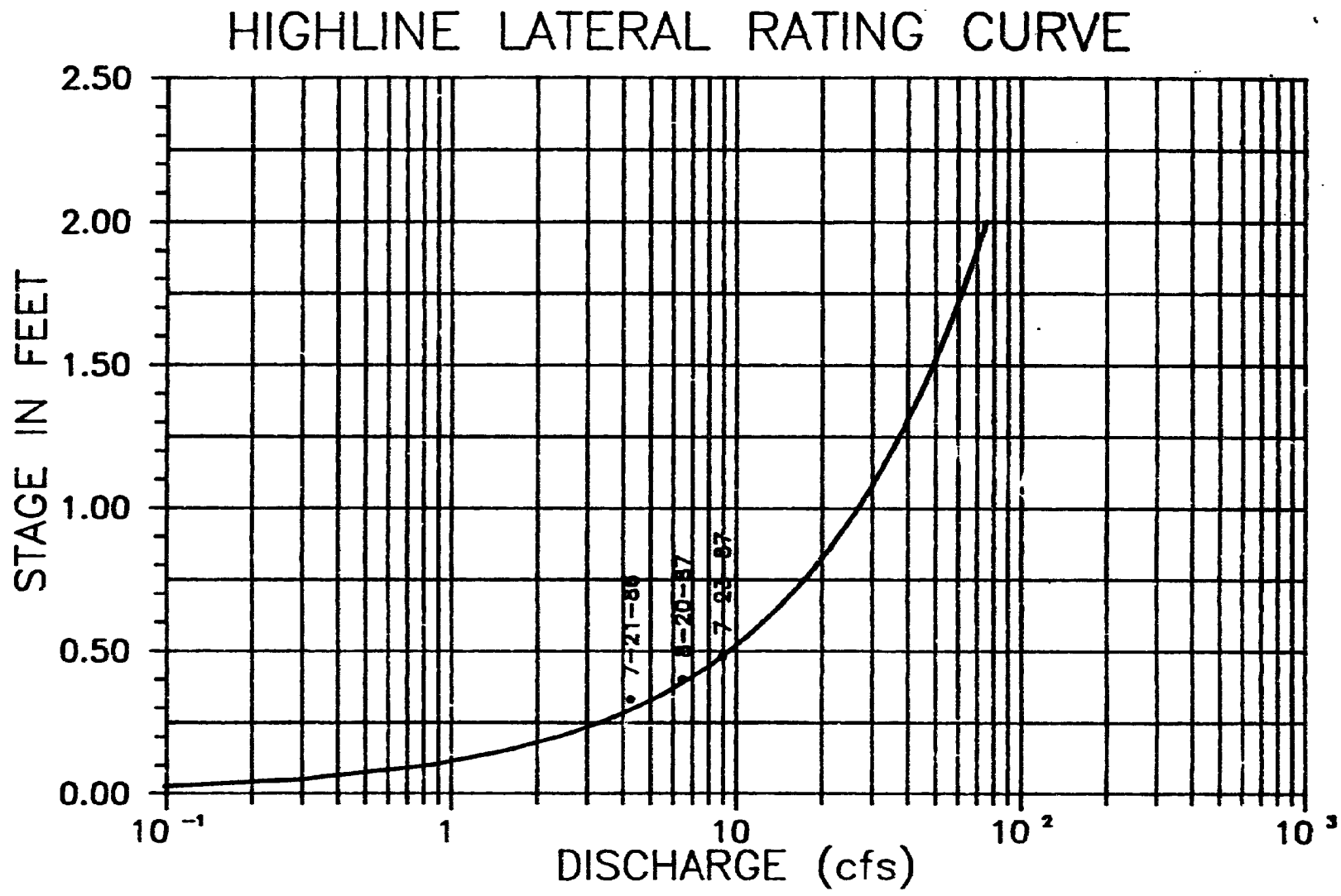

PEORIA INTERCEPT RATING CURVE
STAGE IN FEET
4.00
3.50
3.00
2.50
2.00
1.50
1.00
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
10-3-86
5-16-86
5-16-86
5-16-86
11-3-86
5-16-86

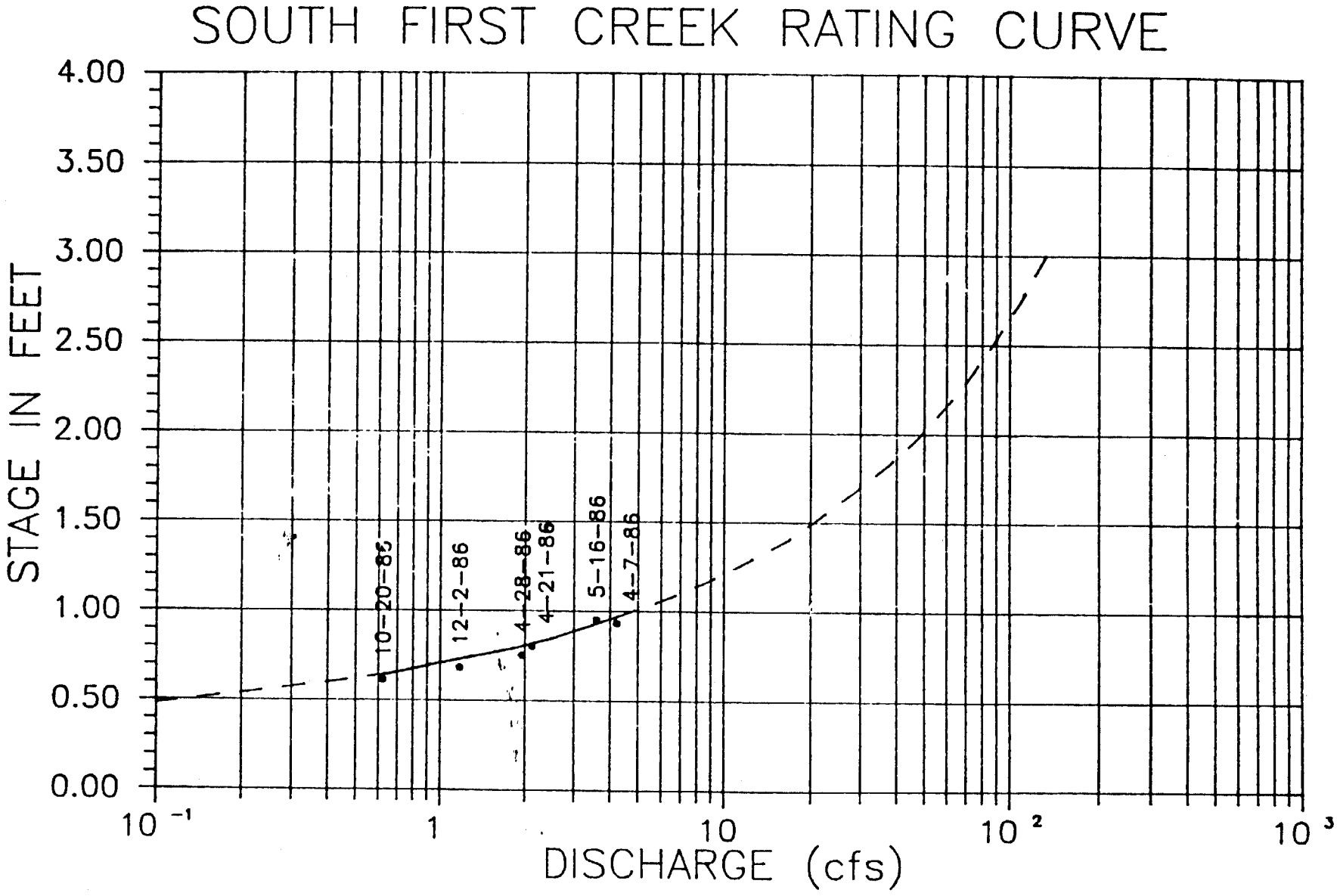

HAVANA INTERCEPT RATING CURVE
STAGE IN FEET
5.00
4.00
3.00
2.00
1.00
0.00
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
5-6-86
5-6-86
5-6-86
12-2-86
4-9-86
10-16-85
4-5-86
4-5-86

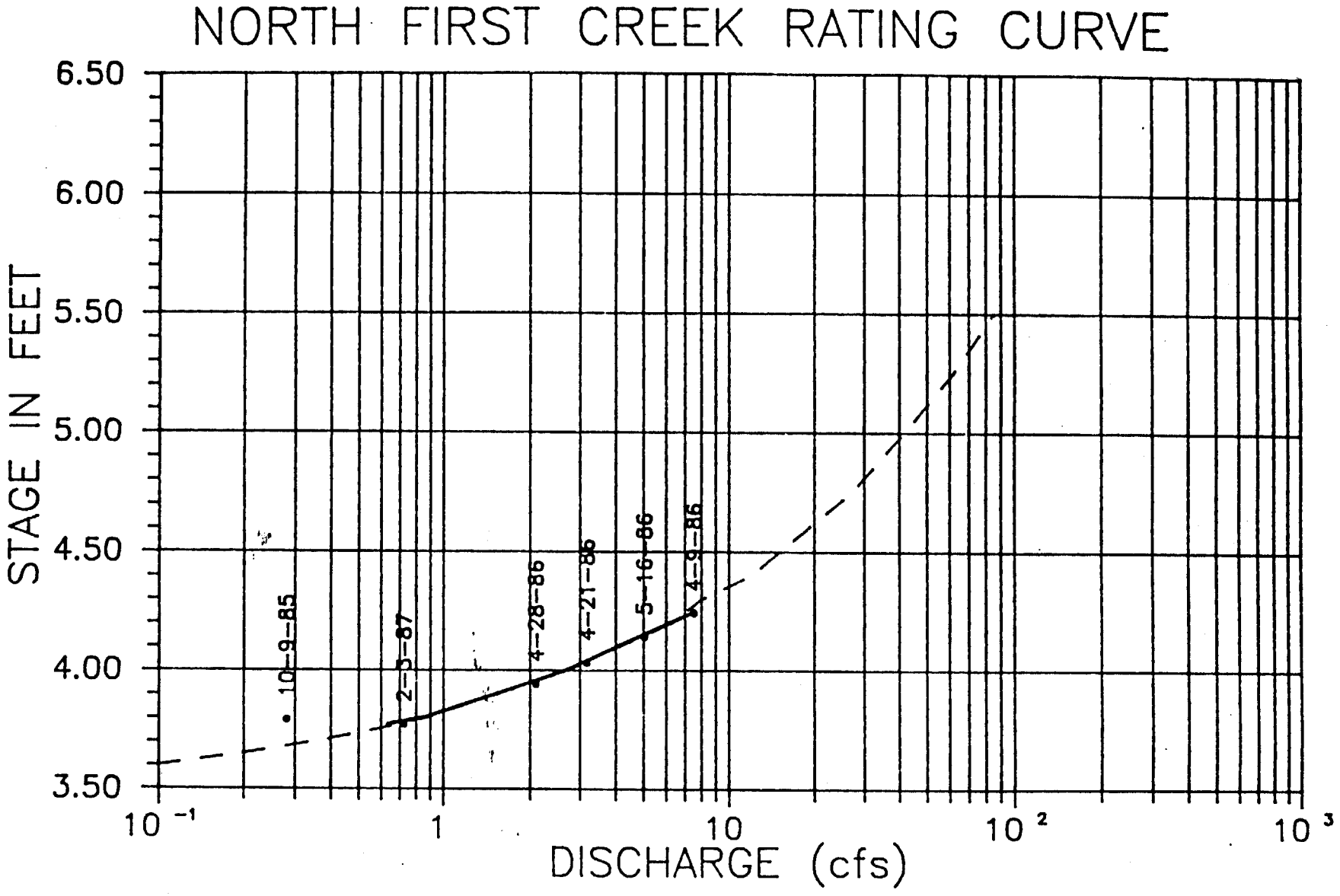

LADORA WEIR RATING CURVE
7.00
6.50
6.00
5.50
5.00
4.50
4.00
STAGE IN FEET
9-20-88
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)

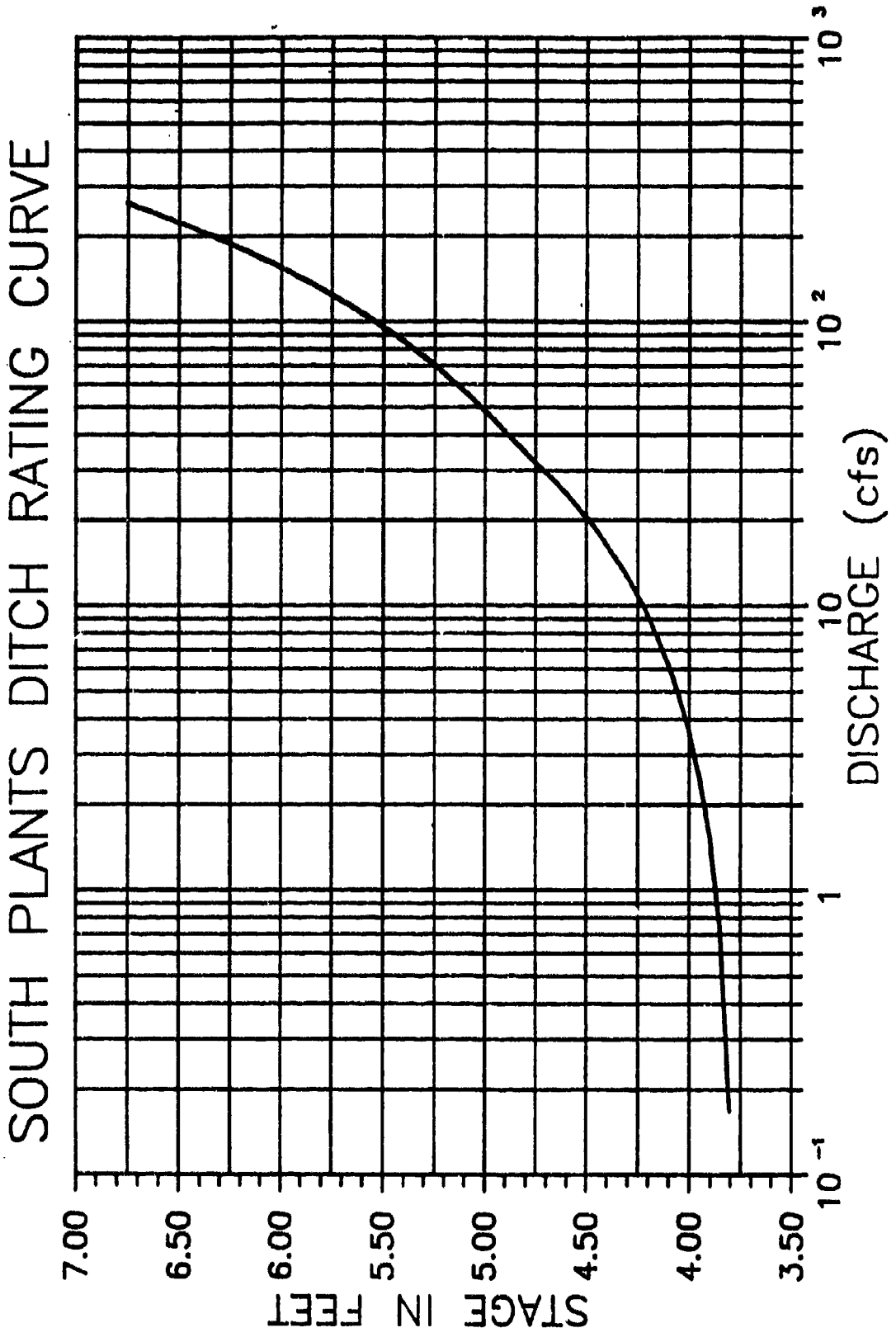

SOUTH UVALDA RATING CURVE
STAGE IN FEET
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
1-12-87
9-16-85
4-9-86
4-7-86
5-10-86
4-5-86

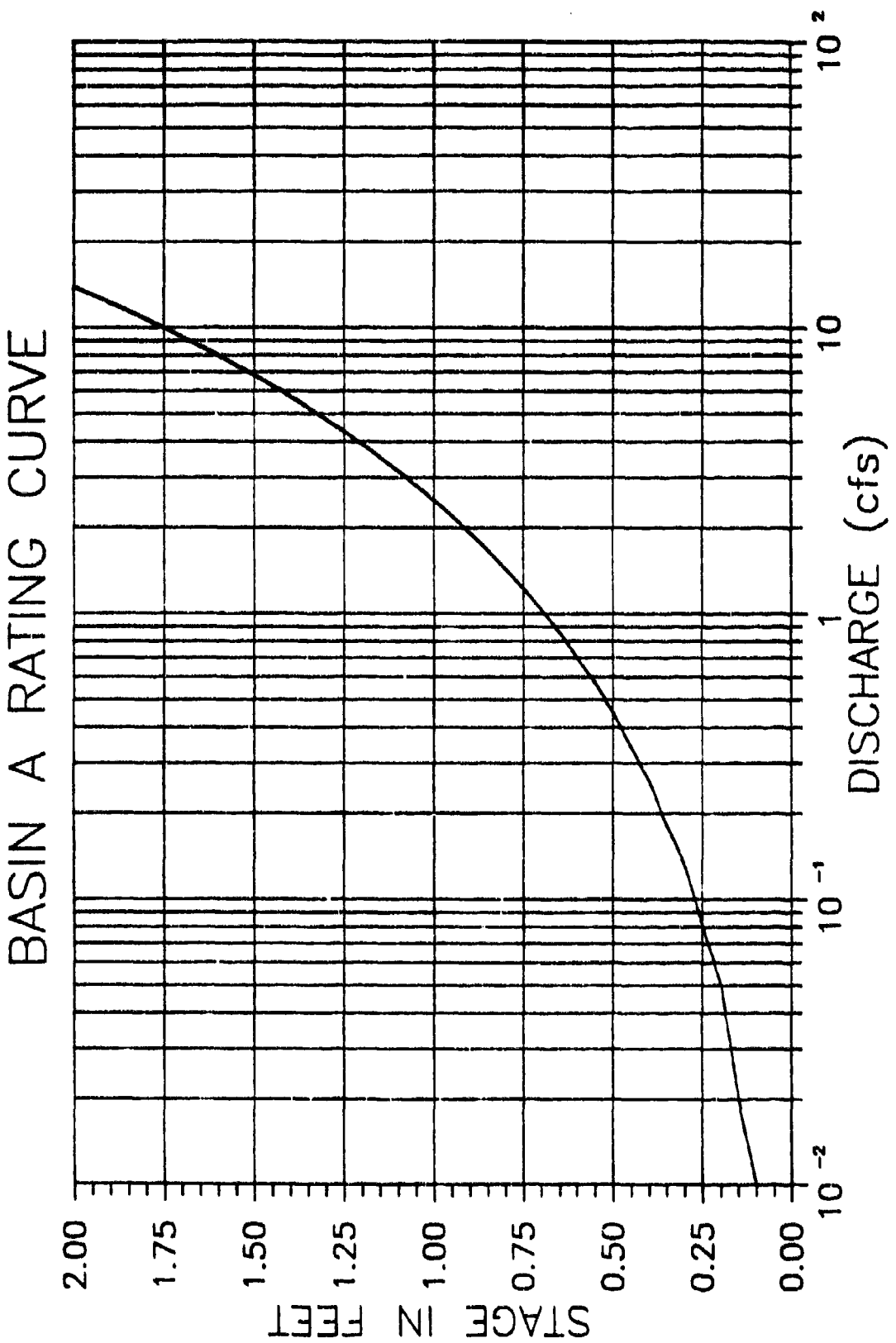

NORTH UVALDA RATING CURVE
STAGE IN FEET
5.00
4.00
3.00
2.00
1.00
0.00
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
4-29-86
5-6-86
5-21-86
5-6-86
4-9-86
4-7-86
4-5-86

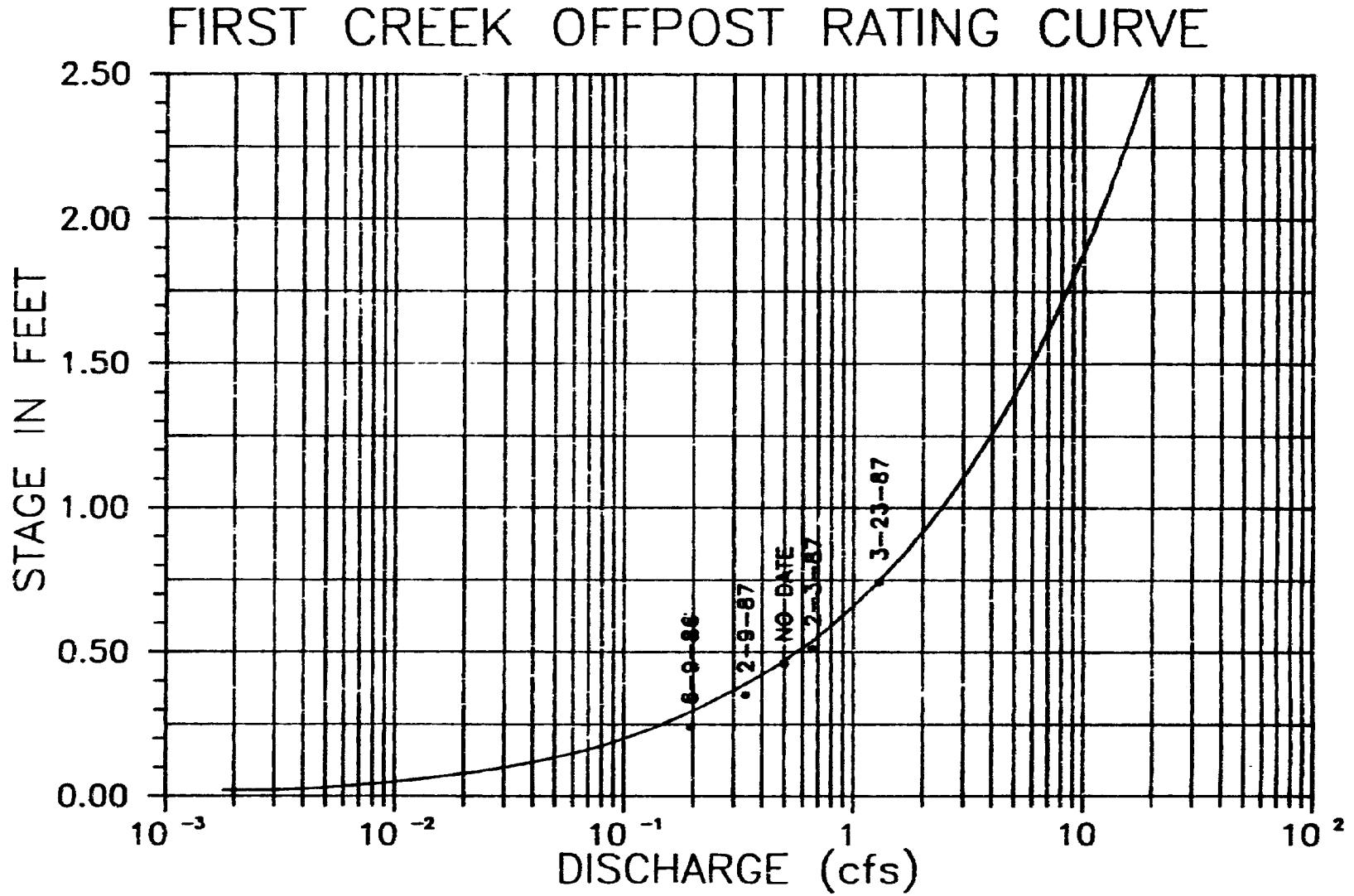

HIGHLINE LATERAL RATING CURVE
STAGE IN FEET
2.50
2.00
1.50
1.00
0.50
0.00
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
7-21-86
8-20-87
7-23-87


SOUTH FIRST CREEK RATING CURVE
STAGE IN FEET
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
10-20-85
12-2-86
4-28-86
4-21-86
5-16-86
4-7-86


NORTH FIRST CREEK RATING CURVE
STAGE IN FEET
6.50
6.00
5.50
5.00
4.50
4.00
3.50
10 -1
1
10
10 2
10 3
DISCHARGE (cfs)
10-9-85
2-3-87
4-28-86
4-21-86
5-16-86
4-9-86


SOUTH PLANTS DITCH RATING CURVE
STAGE IN FEET
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
DISCHARGE (cfs)
10 -1
1
10
10 2
10 3


BASIN A RATING CURVE
STAGE IN FEET
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
DISCHARGE (cfs)
10^{-2}
10^{-1}
1
10
10^{2}


FIRST CREEK OFFPOST RATING CURVE
STAGE IN FEET
2.50
2.00
1.50
1.00
0.50
0.00
10 -3
10 -2
10 -1
1
10
10 2
DISCHARGE (cfs)
2-9-87
NO DATE
3-23-87

STAGE DISCHARGE AND STAGE AREA TABULATION FOR RMA LOWER LAKES

UPPER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5247.00	-2.25	0.2	0.1	5249.00	-0.25	6.2	6.3
5247.05	-2.20	0.3	0.1	5249.05	-0.20	6.4	6.7
5247.10	-2.15	0.5	0.2	5249.10	-0.15	6.6	7.1
5247.15	-2.10	0.6	0.3	5249.15	-0.10	6.8	7.5
5247.20	-2.05	0.8	0.4	5249.20	-0.05	6.9	7.9
5247.25	-2.00	0.9	0.4	5249.25	0.00	7.1	8.3
5247.30	-1.95	1.0	0.5	5249.30	0.05	7.3	8.7
5247.35	-1.90	1.2	0.6	5249.35	0.10	7.5	9.1
5247.40	-1.85	1.3	0.7	5249.40	0.15	7.7	9.5
5247.45	-1.80	1.5	0.8	5249.45	0.20	7.9	9.9
5247.50	-1.75	1.6	0.9	5249.50	0.25	8.1	10.3
5247.55	-1.70	1.7	0.9	5249.55	0.30	8.2	10.7
5247.60	-1.65	1.9	1.0	5249.60	0.35	8.4	11.1
5247.65	-1.60	2.0	1.1	5249.65	0.40	8.6	11.5
5247.70	-1.55	2.2	1.2	5249.70	0.45	8.8	11.9
5247.75	-1.50	2.3	1.3	5249.75	0.50	9.0	12.3
5247.80	-1.45	2.4	1.3	5249.80	0.55	9.2	12.7
5247.85	-1.40	2.6	1.4	5249.85	0.60	9.3	13.1
5247.90	-1.35	2.7	1.5	5249.90	0.65	9.5	13.5
5247.95	-1.30	2.9	1.6	5249.95	0.70	9.7	13.9
5248.00	-1.25	3.0	1.7	5250.00	0.75	9.9	14.3
5248.05	-1.20	3.2	1.9	5250.05	0.80	10.1	14.9
5248.10	-1.15	3.3	2.1	5250.10	0.85	10.4	15.5
5248.15	-1.10	3.5	2.3	5250.15	0.90	10.6	16.1
5248.20	-1.05	3.6	2.6	5250.20	0.95	10.9	16.8
5248.25	-1.00	3.8	2.8	5250.25	1.00	11.1	17.4
5248.30	-0.95	4.0	3.0	5250.30	1.05	11.3	18.0
5248.35	-0.90	4.1	3.3	5250.35	1.10	11.6	18.6
5248.40	-0.85	4.3	3.5	5250.40	1.15	11.8	19.2
5248.45	-0.80	4.4	3.7	5250.45	1.20	12.1	19.8
5248.50	-0.75	4.6	4.0	5250.50	1.25	12.3	20.5
5248.55	-0.70	4.8	4.2	5250.55	1.30	12.5	21.1
5248.60	-0.65	4.9	4.4	5250.60	1.35	12.8	21.7
5248.65	-0.60	5.1	4.6	5250.65	1.40	13.0	22.3
5248.70	-0.55	5.2	4.9	5250.70	1.45	13.3	22.9
5248.75	-0.50	5.4	5.1	5250.75	1.50	13.5	23.5
5248.80	-0.45	5.6	5.3	5250.80	1.55	13.7	24.1
5248.85	-0.40	5.7	5.6	5250.85	1.60	14.0	24.8
5248.90	-0.35	5.9	5.8	5250.90	1.65	14.2	25.4
5248.95	-0.30	6.0	6.0	5250.95	1.70	14.5	26.0

UPPER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5251.00	1.75	14.7	26.6	5253.00	3.75	28.7	69.1
5251.05	1.80	15.0	27.5	5253.05	3.80	29.1	70.7
5251.10	1.85	15.3	28.4	5253.10	3.85	29.5	72.4
5251.15	1.90	15.6	29.3	5253.15	3.90	29.9	74.0
5251.20	1.95	15.9	30.2	5253.20	3.95	30.4	75.7
5251.25	2.00	16.2	31.0	5253.25	4.00	30.8	77.3
5251.30	2.05	16.5	31.9	5253.30	4.05	31.2	79.0
5251.35	2.10	16.8	32.8	5253.35	4.10	31.6	80.6
5251.40	2.15	17.1	33.7	5253.40	4.15	32.0	82.2
5251.45	2.20	17.4	34.6	5253.45	4.20	32.4	83.9
5251.50	2.25	17.8	35.5	5253.50	4.25	32.9	85.5
5251.55	2.30	18.1	36.4	5253.55	4.30	33.3	87.2
5251.60	2.35	18.4	37.3	5253.60	4.35	33.7	88.8
5251.65	2.40	18.7	38.1	5253.65	4.40	34.1	90.5
5251.70	2.45	19.0	39.0	5253.70	4.45	34.5	92.1
5251.75	2.50	19.3	39.9	5253.75	4.50	34.9	93.7
5251.80	2.55	19.6	40.8	5253.80	4.55	35.3	95.4
5251.85	2.60	19.9	41.7	5253.85	4.60	35.8	97.0
5251.90	2.65	20.2	42.6	5253.90	4.65	36.2	98.7
5251.95	2.70	20.5	43.5	5253.95	4.70	36.6	100.3
5252.00	2.75	20.8	44.4	5254.00	4.75	37.0	102.0
5252.05	2.80	21.2	45.6	5254.05	4.80	37.4	104.0
5252.10	2.85	21.6	46.8	5254.10	4.85	37.8	106.1
5252.15	2.90	22.0	48.1	5254.15	4.90	38.2	108.1
5252.20	2.95	22.4	49.3	5254.20	4.95	38.6	110.2
5252.25	3.00	22.8	50.5	5254.25	5.00	39.1	112.2
5252.30	3.05	23.2	51.8	5254.30	5.05	39.5	114.3
5252.35	3.10	23.6	53.0	5254.35	5.10	39.9	116.3
5252.40	3.15	24.0	54.3	5254.40	5.15	40.3	118.4
5252.45	3.20	24.4	55.5	5254.45	5.20	40.7	120.4
5252.50	3.25	24.8	56.7	5254.50	5.25	41.1	122.5
5252.55	3.30	25.1	58.0	5254.55	5.30	41.5	124.6
5252.60	3.35	25.5	59.2	5254.60	5.35	41.9	126.6
5252.65	3.40	25.9	60.4	5254.65	5.40	42.3	128.7
5252.70	3.45	26.3	61.7	5254.70	5.45	42.7	130.7
5252.75	3.50	26.7	62.9	5254.75	5.50	43.2	132.8
5252.80	3.55	27.1	64.2	5254.80	5.55	43.6	134.8
5252.85	3.60	27.5	65.4	5254.85	5.60	44.0	136.9
5252.90	3.65	27.9	66.6	5254.90	5.65	44.4	138.9
5252.95	3.70	28.3	67.9	5254.95	5.70	44.8	141.0

UPPER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5255.00	5.75	45.2	143.1	5257.00	7.75	61.0	249.4
5255.05	5.80	45.6	145.5	5257.05	7.80	61.4	252.6
5255.10	5.85	46.0	148.0	5257.10	7.85	61.8	255.9
5255.15	5.90	46.4	150.4	5257.15	7.90	62.2	259.1
5255.20	5.95	46.8	152.9	5257.20	7.95	62.6	262.4
5255.25	6.00	47.2	155.4	5257.25	8.00	63.0	265.6
5255.30	6.05	47.6	157.8	5257.30	8.05	63.4	268.9
5255.35	6.10	48.0	160.3	5257.35	8.10	63.8	272.1
5255.40	6.15	48.4	162.7	5257.40	8.15	64.2	275.4
5255.45	6.20	48.8	165.2	5257.45	8.20	64.6	278.6
5255.50	6.25	49.2	167.7	5257.50	8.25	65.0	281.9
5255.55	6.30	49.6	170.1	5257.55	8.30	65.4	285.1
5255.60	6.35	50.0	172.6	5257.60	8.35	65.8	288.4
5255.65	6.40	50.4	175.0	5257.65	8.40	66.2	291.6
5255.70	6.45	50.8	177.5	5257.70	8.45	66.6	294.9
5255.75	6.50	51.2	180.0	5257.75	8.50	67.0	298.1
5255.80	6.55	51.6	182.4	5257.80	8.55	67.4	301.4
5255.85	6.60	52.0	184.9	5257.85	8.60	67.8	304.6
5255.90	6.65	52.4	187.3	5257.90	8.65	68.2	307.9
5255.95	6.70	52.8	189.8	5257.95	8.70	68.6	311.1
5256.00	6.75	53.2	192.3	5258.00	8.75	69.0	314.4
5256.05	6.80	53.6	195.1	5258.05	8.80	69.4	318.0
5256.10	6.85	54.0	198.0	5258.10	8.85	69.8	321.6
5256.15	6.90	54.4	200.8	5258.15	8.90	70.2	325.3
5256.20	6.95	54.8	203.7	5258.20	8.95	70.6	328.9
5256.25	7.00	55.2	206.5	5258.25	9.00	71.0	332.6
5256.30	7.05	55.5	209.4	5258.30	9.05	71.4	336.2
5256.35	7.10	55.9	212.2	5258.35	9.10	71.8	339.9
5256.40	7.15	56.3	215.1	5258.40	9.15	72.2	343.5
5256.45	7.20	56.7	217.9	5258.45	9.20	72.6	347.2
5256.50	7.25	57.1	220.8	5258.50	9.25	73.0	350.8
5256.55	7.30	57.5	223.7	5258.55	9.30	73.3	354.5
5256.60	7.35	57.9	226.5	5258.60	9.35	73.7	358.1
5256.65	7.40	58.3	229.4	5258.65	9.40	74.1	361.8
5256.70	7.45	58.7	232.2	5258.70	9.45	74.5	365.4
5256.75	7.50	59.1	235.1	5258.75	9.50	74.9	369.1
5256.80	7.55	59.4	237.9	5258.80	9.55	75.3	372.7
5256.85	7.60	59.8	240.8	5258.85	9.60	75.7	376.4
5256.90	7.65	60.2	243.6	5258.90	9.65	76.1	380.0
5256.95	7.70	60.6	246.5	5258.95	9.70	76.5	383.7

UPPER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5259.00	9.75	76.9	387.3	5261.00	11.75	93.5	557.5
5259.05	9.80	77.3	391.3	5261.05	11.80	93.9	562.4
5259.10	9.85	77.7	395.4	5261.10	11.85	94.3	567.3
5259.15	9.90	78.1	399.4	5261.15	11.90	94.7	572.1
5259.20	9.95	78.5	403.5	5261.20	11.95	95.2	577.0
5259.25	10.00	78.9	407.5	5261.25	12.00	95.6	581.9
5259.30	10.05	79.3	411.6	5261.30	12.05	96.0	586.8
5259.35	10.10	79.7	415.6	5261.35	12.10	96.4	591.7
5259.40	10.15	80.1	419.7	5261.40	12.15	96.8	596.6
5259.45	10.20	80.5	423.7	5261.45	12.20	97.2	601.4
5259.50	10.25	81.0	427.8	5261.50	12.25	97.7	606.3
5259.55	10.30	81.4	431.8	5261.55	12.30	98.1	611.2
5259.60	10.35	81.8	435.9	5261.60	12.35	98.5	616.1
5259.65	10.40	82.2	439.9	5261.65	12.40	98.9	621.0
5259.70	10.45	82.6	444.0	5261.70	12.45	99.3	625.9
5259.75	10.50	83.0	448.0	5261.75	12.50	99.7	630.7
5259.80	10.55	83.4	452.1	5261.80	12.55	100.1	635.6
5259.85	10.60	83.8	456.1	5261.85	12.60	100.6	640.5
5259.90	10.65	84.2	460.2	5261.90	12.65	101.0	645.4
5259.95	10.70	84.6	464.2	5261.95	12.70	101.4	650.3
5260.00	10.75	85.0	468.3	5262.00	12.75	101.8	655.2

LOWER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5231.00	0.00	0.9	0.2	5233.00	2.00	6.5	7.4
5231.05	0.05	1.0	0.3	5233.05	2.05	6.7	7.8
5231.10	0.10	1.2	0.4	5233.10	2.10	6.9	8.2
5231.15	0.15	1.3	0.5	5233.15	2.15	7.0	8.6
5231.20	0.20	1.4	0.6	5233.20	2.20	7.2	9.0
5231.25	0.25	1.6	0.7	5233.25	2.25	7.4	9.4
5231.30	0.30	1.7	0.8	5233.30	2.30	7.6	9.9
5231.35	0.35	1.8	1.0	5233.35	2.35	7.7	10.3
5231.40	0.40	1.9	1.1	5233.40	2.40	7.9	10.7
5231.45	0.45	2.1	1.2	5233.45	2.45	8.1	11.1
5231.50	0.50	2.2	1.3	5233.50	2.50	8.3	11.5
5231.55	0.55	2.3	1.4	5233.55	2.55	8.4	11.9
5231.60	0.60	2.5	1.5	5233.60	2.60	8.6	12.3
5231.65	0.65	2.6	1.6	5233.65	2.65	8.8	12.7
5231.70	0.70	2.7	1.7	5233.70	2.70	9.0	13.2
5231.75	0.75	2.9	1.8	5233.75	2.75	9.1	13.6
5231.80	0.80	3.0	1.9	5233.80	2.80	9.3	14.0
5231.85	0.85	3.1	2.1	5233.85	2.85	9.5	14.4
5231.90	0.90	3.2	2.2	5233.90	2.90	9.7	14.8
5231.95	0.95	3.4	2.3	5233.95	2.95	9.8	15.2
5232.00	1.00	3.5	2.4	5234.00	3.00	10.0	15.6
5232.05	1.05	3.7	2.6	5234.05	3.05	10.2	16.2
5232.10	1.10	3.8	2.9	5234.10	3.10	10.5	16.9
5232.15	1.15	4.0	3.1	5234.15	3.15	10.7	17.5
5232.20	1.20	4.1	3.4	5234.20	3.20	10.9	18.1
5232.25	1.25	4.3	3.6	5234.25	3.25	11.2	18.7
5232.30	1.30	4.4	3.9	5234.30	3.30	11.4	19.3
5232.35	1.35	4.6	4.1	5234.35	3.35	11.6	19.9
5232.40	1.40	4.7	4.4	5234.40	3.40	11.8	20.5
5232.45	1.45	4.9	4.6	5234.45	3.45	12.1	21.2
5232.50	1.50	5.0	4.9	5234.50	3.50	12.3	21.8
5232.55	1.55	5.2	5.1	5234.55	3.55	12.5	22.4
5232.60	1.60	5.3	5.4	5234.60	3.60	12.8	23.0
5232.65	1.65	5.5	5.6	5234.65	3.65	13.0	23.6
5232.70	1.70	5.6	5.9	5234.70	3.70	13.2	24.2
5232.75	1.75	5.8	6.1	5234.75	3.75	13.5	24.8
5232.80	1.80	5.9	6.4	5234.80	3.80	13.7	25.4
5232.85	1.85	6.1	6.6	5234.85	3.85	13.9	26.1
5232.90	1.90	6.2	6.9	5234.90	3.90	14.1	26.7
5232.95	1.95	6.4	7.1	5234.95	3.95	14.4	27.3

LOWER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5235.00	4.00	14.6	27.9	5237.00	6.00	21.7	63.6
5235.05	4.05	14.7	28.7	5237.05	6.05	21.9	64.8
5235.10	4.10	14.9	29.5	5237.10	6.10	22.2	66.0
5235.15	4.15	15.0	30.3	5237.15	6.15	22.4	67.2
5235.20	4.20	15.2	31.1	5237.20	6.20	22.6	68.4
5235.25	4.25	15.3	31.9	5237.25	6.25	22.8	69.6
5235.30	4.30	15.5	32.7	5237.30	6.30	23.0	70.8
5235.35	4.35	15.6	33.5	5237.35	6.35	23.3	72.0
5235.40	4.40	15.8	34.3	5237.40	6.40	23.5	73.2
5235.45	4.45	15.9	35.1	5237.45	6.45	23.7	74.4
5235.50	4.50	16.1	36.0	5237.50	6.50	24.0	75.6
5235.55	4.55	16.2	36.8	5237.55	6.55	24.2	76.7
5235.60	4.60	16.3	37.6	5237.60	6.60	24.4	77.9
5235.65	4.65	16.5	38.4	5237.65	6.65	24.6	79.1
5235.70	4.70	16.6	39.2	5237.70	6.70	24.9	80.3
5235.75	4.75	16.8	40.0	5237.75	6.75	25.1	81.5
5235.80	4.80	16.9	40.8	5237.80	6.80	25.3	82.7
5235.85	4.85	17.1	41.6	5237.85	6.85	25.5	83.9
5235.90	4.90	17.2	42.4	5237.90	6.90	25.8	85.1
5235.95	4.95	17.4	43.2	5237.95	6.95	26.0	86.3
5236.00	5.00	17.5	44.0	5238.00	7.00	26.2	87.5
5236.05	5.05	17.7	45.0	5238.05	7.05	26.5	89.0
5236.10	5.10	17.9	46.0	5238.10	7.10	26.8	90.4
5236.15	5.15	18.1	46.9	5238.15	7.15	27.1	91.9
5236.20	5.20	18.3	47.9	5238.20	7.20	27.3	93.3
5236.25	5.25	18.6	48.9	5238.25	7.25	27.6	94.8
5236.30	5.30	18.8	49.9	5238.30	7.30	27.9	96.2
5236.35	5.35	19.0	50.9	5238.35	7.35	28.2	97.7
5236.40	5.40	19.2	51.8	5238.40	7.40	28.5	99.1
5236.45	5.45	19.4	52.8	5238.45	7.45	28.8	100.6
5236.50	5.50	19.6	53.8	5238.50	7.50	29.1	102.1
5236.55	5.55	19.8	54.8	5238.55	7.55	29.3	103.5
5236.60	5.60	20.0	55.8	5238.60	7.60	29.6	105.0
5236.65	5.65	20.2	56.7	5238.65	7.65	29.9	106.4
5236.70	5.70	20.4	57.7	5238.70	7.70	30.2	107.9
5236.75	5.75	20.7	58.7	5238.75	7.75	30.5	109.3
5236.80	5.80	20.9	59.7	5238.80	7.80	30.8	110.8
5236.85	5.85	21.1	60.7	5238.85	7.85	31.0	112.2
5236.90	5.90	21.3	61.6	5238.90	7.90	31.3	113.7
5236.95	5.95	21.5	62.6	5238.95	7.95	31.6	115.1

LOWER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5239.00	8.00	31.9	116.6	5241.00	10.00	43.5	192.1
5239.05	8.05	32.2	118.3	5241.05	10.05	43.8	194.4
5239.10	8.10	32.5	120.1	5241.10	10.10	44.1	196.7
5239.15	8.15	32.8	121.8	5241.15	10.15	44.4	199.0
5239.20	8.20	33.1	123.6	5241.20	10.20	44.6	201.4
5239.25	8.25	33.4	125.3	5241.25	10.25	44.9	203.7
5239.30	8.30	33.7	127.0	5241.30	10.30	45.2	206.0
5239.35	8.35	34.0	128.8	5241.35	10.35	45.5	208.3
5239.40	8.40	34.3	130.5	5241.40	10.40	45.8	210.6
5239.45	8.45	34.6	132.3	5241.45	10.45	46.1	212.9
5239.50	8.50	34.9	134.0	5241.50	10.50	46.4	215.3
5239.55	8.55	35.1	135.7	5241.55	10.55	46.6	217.6
5239.60	8.60	35.4	137.5	5241.60	10.60	46.9	219.9
5239.65	8.65	35.7	139.2	5241.65	10.65	47.2	222.2
5239.70	8.70	36.0	141.0	5241.70	10.70	47.5	224.5
5239.75	8.75	36.3	142.7	5241.75	10.75	47.8	226.8
5239.80	8.80	36.6	144.4	5241.80	10.80	48.1	229.1
5239.85	8.85	36.9	146.2	5241.85	10.85	48.3	231.5
5239.90	8.90	37.2	147.9	5241.90	10.90	48.6	233.8
5239.95	8.95	37.5	149.7	5241.95	10.95	48.9	236.1
5240.00	9.00	37.8	151.4	5242.00	11.00	49.2	238.4
5240.05	9.05	38.1	153.4	5242.05	11.05	49.5	241.0
5240.10	9.10	38.4	155.5	5242.10	11.10	49.8	243.6
5240.15	9.15	38.7	157.5	5242.15	11.15	50.0	246.2
5240.20	9.20	38.9	159.5	5242.20	11.20	50.3	248.8
5240.25	9.25	39.2	161.6	5242.25	11.25	50.6	251.4
5240.30	9.30	39.5	163.6	5242.30	11.30	50.9	254.0
5240.35	9.35	39.8	165.6	5242.35	11.35	51.1	256.6
5240.40	9.40	40.1	167.7	5242.40	11.40	51.4	259.2
5240.45	9.45	40.4	169.7	5242.45	11.45	51.7	261.8
5240.50	9.50	40.7	171.8	5242.50	11.50	52.0	264.4
5240.55	9.55	40.9	173.8	5242.55	11.55	52.2	267.0
5240.60	9.60	41.2	175.8	5242.60	11.60	52.5	269.6
5240.65	9.65	41.5	177.9	5242.65	11.65	52.8	272.2
5240.70	9.70	41.8	179.9	5242.70	11.70	53.1	274.8
5240.75	9.75	42.1	181.9	5242.75	11.75	53.3	277.4
5240.80	9.80	42.4	184.0	5242.80	11.80	53.6	280.0
5240.85	9.85	42.6	186.0	5242.85	11.85	53.9	282.6
5240.90	9.90	42.9	188.0	5242.90	11.90	54.2	285.2
5240.95	9.95	43.2	190.1	5242.95	11.95	54.4	287.8

LOWER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5243.00	12.00	54.7	290.4	5245.00	14.00	66.3	411.7
5243.05	12.05	55.0	293.3	5245.05	14.05	66.6	415.2
5243.10	12.10	55.3	296.2	5245.10	14.10	66.9	418.6
5243.15	12.15	55.6	299.1	5245.15	14.15	67.2	422.1
5243.20	12.20	55.9	301.9	5245.20	14.20	67.5	425.5
5243.25	12.25	56.2	304.8	5245.25	14.25	67.8	429.0
5243.30	12.30	56.5	307.7	5245.30	14.30	68.0	432.5
5243.35	12.35	56.8	310.6	5245.35	14.35	68.3	435.9
5243.40	12.40	57.1	313.5	5245.40	14.40	68.6	439.4
5243.45	12.45	57.4	316.4	5245.45	14.45	68.9	442.8
5243.50	12.50	57.8	319.3	5245.50	14.50	69.2	446.3
5243.55	12.55	58.1	322.1	5245.55	14.55	69.5	449.8
5243.60	12.60	58.4	325.0	5245.60	14.60	69.8	453.2
5243.65	12.65	58.7	327.9	5245.65	14.65	70.1	456.7
5243.70	12.70	59.0	330.8	5245.70	14.70	70.4	460.1
5243.75	12.75	59.3	333.7	5245.75	14.75	70.6	463.6
5243.80	12.80	59.6	336.6	5245.80	14.80	70.9	467.1
5243.85	12.85	59.9	339.4	5245.85	14.85	71.2	470.5
5243.90	12.90	60.2	342.3	5245.90	14.90	71.5	474.0
5243.95	12.95	60.5	345.2	5245.95	14.95	71.8	477.4
5244.00	13.00	60.8	348.1	5246.00	15.00	72.1	480.9
5244.05	13.05	61.1	351.3	5246.05	15.05	72.4	484.6
5244.10	13.10	61.3	354.5	5246.10	15.10	72.6	488.4
5244.15	13.15	61.6	357.6	5246.15	15.15	72.9	492.1
5244.20	13.20	61.9	360.8	5246.20	15.20	73.2	495.9
5244.25	13.25	62.2	364.0	5246.25	15.25	73.5	499.6
5244.30	13.30	62.5	367.2	5246.30	15.30	73.8	503.3
5244.35	13.35	62.7	370.4	5246.35	15.35	74.0	507.1
5244.40	13.40	63.0	373.5	5246.40	15.40	74.3	510.8
5244.45	13.45	63.3	376.7	5246.45	15.45	74.6	514.6
5244.50	13.50	63.6	379.9	5246.50	15.50	74.9	518.3
5244.55	13.55	63.8	383.1	5246.55	15.55	75.1	522.0
5244.60	13.60	64.1	386.3	5246.60	15.60	75.4	525.8
5244.65	13.65	64.4	389.4	5246.65	15.65	75.7	529.5
5244.70	13.70	64.6	392.6	5246.70	15.70	75.9	533.3
5244.75	13.75	64.9	395.8	5246.75	15.75	76.2	537.0
5244.80	13.80	65.2	399.0	5246.80	15.80	76.5	540.7
5244.85	13.85	65.5	402.2	5246.85	15.85	76.8	544.5
5244.90	13.90	65.8	405.3	5246.90	15.90	77.1	548.2
5244.95	13.95	66.0	408.5	5246.95	15.95	77.3	552.0

LOWER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5247.00	16.00	77.6	555.7	5249.00	18.00	89.4	722.5
5247.05	16.05	77.9	559.7	5249.05	18.05	89.7	727.1
5247.10	16.10	78.2	563.8	5249.10	18.10	90.0	731.7
5247.15	16.15	78.5	567.8	5249.15	18.15	90.2	736.3
5247.20	16.20	78.7	571.8	5249.20	18.20	90.5	740.9
5247.25	16.25	79.0	575.8	5249.25	18.25	90.8	745.6
5247.30	16.30	79.3	579.9	5249.30	18.30	91.1	750.2
5247.35	16.35	79.6	583.9	5249.35	18.35	91.4	754.8
5247.40	16.40	79.9	587.9	5249.40	18.40	91.6	759.4
5247.45	16.45	80.2	591.9	5249.45	18.45	91.9	764.0
5247.50	16.50	80.5	596.0	5249.50	18.50	92.2	768.6
5247.55	16.55	80.7	600.0	5249.55	18.55	92.5	773.2
5247.60	16.60	81.0	604.0	5249.60	18.60	92.8	777.8
5247.65	16.65	81.3	608.0	5249.65	18.65	93.0	782.4
5247.70	16.70	81.6	612.1	5249.70	18.70	93.3	787.0
5247.75	16.75	81.9	616.1	5249.75	18.75	93.6	791.7
5247.80	16.80	82.2	620.1	5249.80	18.80	93.9	796.3
5247.85	16.85	82.4	624.1	5249.85	18.85	94.2	800.9
5247.90	16.90	82.7	628.2	5249.90	18.90	94.4	805.5
5247.95	16.95	83.0	632.2	5249.95	18.95	94.7	810.1
5248.00	17.00	83.3	636.2	5250.00	19.00	95.0	814.7
5248.05	17.05	83.6	640.5	5250.05	19.05	95.3	819.6
5248.10	17.10	83.9	644.8	5250.10	19.10	95.6	824.5
5248.15	17.15	84.2	649.1	5250.15	19.15	95.8	829.4
5248.20	17.20	84.5	653.5	5250.20	19.20	96.1	834.3
5248.25	17.25	84.8	657.8	5250.25	19.25	96.4	839.2
5248.30	17.30	85.1	662.1	5250.30	19.30	96.7	844.0
5248.35	17.35	85.4	666.4	5250.35	19.35	96.9	848.9
5248.40	17.40	85.7	670.7	5250.40	19.40	97.2	853.8
5248.45	17.45	86.0	675.0	5250.45	19.45	97.5	858.7
5248.50	17.50	86.4	679.4	5250.50	19.50	97.8	863.6
5248.55	17.55	86.7	683.7	5250.55	19.55	98.0	868.5
5248.60	17.60	87.0	688.0	5250.60	19.60	98.3	873.4
5248.65	17.65	87.3	692.3	5250.65	19.65	98.6	878.3
5248.70	17.70	87.6	696.6	5250.70	19.70	98.9	883.2
5248.75	17.75	87.9	700.9	5250.75	19.75	99.1	888.1
5248.80	17.80	88.2	705.2	5250.80	19.80	99.4	892.9
5248.85	17.85	88.5	709.6	5250.85	19.85	99.7	897.8
5248.90	17.90	88.8	713.9	5250.90	19.90	99.9	902.7
5248.95	17.95	89.1	718.2	5250.95	19.95	100.2	907.6

LOWER DERBY LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5251.00	20.00	100.5	912.5	5253.00	22.0	112.0	1125.00
5251.05	20.05	100.8	917.7				
5251.10	20.10	101.1	922.8				
5251.15	20.15	101.4	928.0				
5251.20	20.20	101.7	933.2				
5251.25	20.25	102.0	938.4				
5251.30	20.30	102.2	943.5				
5251.35	20.35	102.5	948.7				
5251.40	20.40	102.8	953.9				
5251.45	20.45	103.1	959.0				
5251.50	20.50	103.4	964.2				
5251.55	20.55	103.7	969.4				
5251.60	20.60	104.0	974.5				
5251.65	20.65	104.3	979.7				
5251.70	20.70	104.6	984.9				
5251.75	20.75	104.9	990.1				
5251.80	20.80	105.1	995.2				
5251.85	20.85	105.4	1000.4				
5251.90	20.90	105.7	1005.6				
5251.95	20.95	106.0	1010.7				
5252.00	21.00	106.3	1015.9				
5252.05	21.05	106.6	1021.4				
5252.10	21.10	106.9	1026.8				
5252.15	21.15	107.2	1032.3				
5252.20	21.20	107.4	1037.7				
5252.25	21.25	107.7	1043.2				
5252.30	21.30	108.0	1048.6				
5252.35	21.35	108.3	1054.1				
5252.40	21.40	108.6	1059.5				
5252.45	21.45	108.9	1065.0				
5252.50	21.50	109.2	1070.5				
5252.55	21.55	109.4	1075.9				
5252.60	21.60	109.7	1081.4				
5252.65	21.65	110.0	1086.8				
5252.70	21.70	110.3	1092.3				
5252.75	21.75	110.6	1097.7				
5252.80	21.80	110.9	1103.2				
5252.85	21.85	111.1	1108.6				
5252.90	21.90	111.4	1114.1				
5252.95	21.95	111.7	1119.5				

LADORA LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5208.00	0.00	6.3	12.4	5210.00	2.00	11.1	28.7
5208.05	0.05	6.4	12.8	5210.05	2.05	11.2	29.4
5208.10	0.10	6.4	13.1	5210.10	2.10	11.4	30.0
5208.15	0.15	6.5	13.5	5210.15	2.15	11.5	30.6
5208.20	0.20	6.6	13.8	5210.20	2.20	11.7	31.2
5208.25	0.25	6.6	14.2	5210.25	2.25	11.8	31.9
5208.30	0.30	6.7	14.5	5210.30	2.30	12.0	32.5
5208.35	0.35	6.8	14.9	5210.35	2.35	12.1	33.1
5208.40	0.40	6.8	15.2	5210.40	2.40	12.3	33.8
5208.45	0.45	6.9	15.6	5210.45	2.45	12.4	34.4
5208.50	0.50	7.0	15.9	5210.50	2.50	12.6	35.0
5208.55	0.55	7.0	16.3	5210.55	2.55	12.7	35.6
5208.60	0.60	7.1	16.6	5210.60	2.60	12.8	36.3
5208.65	0.65	7.1	16.9	5210.65	2.65	13.0	36.9
5208.70	0.70	7.2	17.3	5210.70	2.70	13.1	37.5
5208.75	0.75	7.3	17.6	5210.75	2.75	13.3	38.1
5208.80	0.80	7.3	18.0	5210.80	2.80	13.4	38.8
5208.85	0.85	7.4	18.3	5210.85	2.85	13.6	39.4
5208.90	0.90	7.5	18.7	5210.90	2.90	13.7	40.0
5208.95	0.95	7.5	19.0	5210.95	2.95	13.9	40.7
5209.00	1.00	7.6	19.4	5211.00	3.00	14.0	41.3
5209.05	1.05	7.8	19.8	5211.05	3.05	14.2	42.1
5209.10	1.10	8.0	20.3	5211.10	3.10	14.3	42.9
5209.15	1.15	8.1	20.8	5211.15	3.15	14.5	43.6
5209.20	1.20	8.3	21.3	5211.20	3.20	14.7	44.4
5209.25	1.25	8.5	21.7	5211.25	3.25	14.9	45.2
5209.30	1.30	8.7	22.2	5211.30	3.30	15.0	46.0
5209.35	1.35	8.8	22.7	5211.35	3.35	15.2	46.8
5209.40	1.40	9.0	23.1	5211.40	3.40	15.4	47.6
5209.45	1.45	9.2	23.6	5211.45	3.45	15.5	48.3
5209.50	1.50	9.4	24.1	5211.50	3.50	15.7	49.1
5209.55	1.55	9.5	24.5	5211.55	3.55	15.9	49.9
5209.60	1.60	9.7	25.0	5211.60	3.60	16.0	50.7
5209.65	1.65	9.9	25.5	5211.65	3.65	16.2	51.5
5209.70	1.70	10.1	25.9	5211.70	3.70	16.4	52.3
5209.75	1.75	10.2	26.4	5211.75	3.75	16.6	53.1
5209.80	1.80	10.4	26.9	5211.80	3.80	16.7	53.8
5209.85	1.85	10.6	27.3	5211.85	3.85	16.9	54.6
5209.90	1.90	10.8	27.8	5211.90	3.90	17.1	55.4
5209.95	1.95	10.9	28.3	5211.95	3.95	17.2	56.2

LADORA LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5212.00	4.00	17.4	57.0	5214.00	6.00	25.0	98.7
5212.05	4.05	17.6	57.9	5214.05	6.05	25.2	100.0
5212.10	4.10	17.7	58.9	5214.10	6.10	25.5	101.4
5212.15	4.15	17.9	59.8	5214.15	6.15	25.7	102.8
5212.20	4.20	18.0	60.8	5214.20	6.20	25.9	104.1
5212.25	4.25	18.2	61.7	5214.25	6.25	26.2	105.5
5212.30	4.30	18.3	62.7	5214.30	6.30	26.4	106.9
5212.35	4.35	18.5	63.6	5214.35	6.35	26.6	108.2
5212.40	4.40	18.6	64.6	5214.40	6.40	26.8	109.6
5212.45	4.45	18.8	65.5	5214.45	6.45	27.1	111.0
5212.50	4.50	19.0	66.5	5214.50	6.50	27.3	112.3
5212.55	4.55	19.1	67.4	5214.55	6.55	27.5	113.7
5212.60	4.60	19.3	68.4	5214.60	6.60	27.8	115.1
5212.65	4.65	19.4	69.3	5214.65	6.65	28.0	116.4
5212.70	4.70	19.6	70.2	5214.70	6.70	28.2	117.8
5212.75	4.75	19.7	71.2	5214.75	6.75	28.5	119.2
5212.80	4.80	19.9	72.1	5214.80	6.80	28.7	120.5
5212.85	4.85	20.0	73.1	5214.85	6.85	28.9	121.9
5212.90	4.90	20.2	74.0	5214.90	6.90	29.1	123.3
5212.95	4.95	20.3	75.0	5214.95	6.95	29.4	124.6
5213.00	5.00	20.5	75.9	5215.00	7.00	29.6	126.0
5213.05	5.05	20.7	77.1	5215.05	7.05	29.9	127.6
5213.10	5.10	21.0	78.2	5215.10	7.10	30.1	129.2
5213.15	5.15	21.2	79.3	5215.15	7.15	30.4	130.8
5213.20	5.20	21.4	80.5	5215.20	7.20	30.7	132.4
5213.25	5.25	21.6	81.6	5215.25	7.25	31.0	134.1
5213.30	5.30	21.8	82.8	5215.30	7.30	31.2	135.7
5213.35	5.35	22.1	83.9	5215.35	7.35	31.5	137.3
5213.40	5.40	22.3	85.0	5215.40	7.40	31.8	138.9
5213.45	5.45	22.5	86.2	5215.45	7.45	32.0	140.5
5213.50	5.50	22.8	87.3	5215.50	7.50	32.3	142.1
5213.55	5.55	23.0	88.4	5215.55	7.55	32.6	143.7
5213.60	5.60	23.2	89.6	5215.60	7.60	32.8	145.4
5213.65	5.65	23.4	90.7	5215.65	7.65	33.1	147.0
5213.70	5.70	23.7	91.9	5215.70	7.70	33.4	148.6
5213.75	5.75	23.9	93.0	5215.75	7.75	33.7	150.2
5213.80	5.80	24.1	94.1	5215.80	7.80	33.9	151.8
5213.85	5.85	24.3	95.3	5215.85	7.85	34.2	153.4
5213.90	5.90	24.6	96.4	5215.90	7.90	34.5	155.1
5213.95	5.95	24.8	97.5	5215.95	7.95	34.7	156.7

LADORA LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5216.00	8.00	35.0	158.3	5218.00	10.00	46.6	239.4
5216.05	8.05	35.3	160.2	5218.05	10.05	47.0	241.9
5216.10	8.10	35.5	162.0	5218.10	10.10	47.3	244.4
5216.15	8.15	35.8	163.9	5218.15	10.15	47.7	246.9
5216.20	8.20	36.1	165.8	5218.20	10.20	48.0	249.4
5216.25	8.25	36.3	167.7	5218.25	10.25	48.4	251.9
5216.30	8.30	36.6	169.6	5218.30	10.30	48.7	254.4
5216.35	8.35	36.9	171.5	5218.35	10.35	49.1	256.9
5216.40	8.40	37.1	173.3	5218.40	10.40	49.4	259.4
5216.45	8.45	37.4	175.2	5218.45	10.45	49.8	261.9
5216.50	8.50	37.7	177.1	5218.50	10.50	50.1	264.4
5216.55	8.55	37.9	179.0	5218.55	10.55	50.5	266.9
5216.60	8.60	38.2	180.9	5218.60	10.60	50.8	269.4
5216.65	8.65	38.4	182.8	5218.65	10.65	51.2	271.9
5216.70	8.70	38.7	184.6	5218.70	10.70	51.5	274.5
5216.75	8.75	39.0	186.5	5218.75	10.75	51.9	277.0
5216.80	8.80	39.2	188.4	5218.80	10.80	52.2	279.5
5216.85	8.85	39.5	190.3	5218.85	10.85	52.6	282.0
5216.90	8.90	39.8	192.2	5218.90	10.90	52.9	284.5
5216.95	8.95	40.0	194.0	5218.95	10.95	53.3	287.0
5217.00	9.00	40.3	195.9	5219.00	11.00	53.6	289.5
5217.05	9.05	40.6	198.1	5219.05	11.05	54.0	292.3
5217.10	9.10	40.9	200.3	5219.10	11.10	54.3	295.2
5217.15	9.15	41.2	202.4	5219.15	11.15	54.7	298.1
5217.20	9.20	41.6	204.6	5219.20	11.20	55.1	300.9
5217.25	9.25	41.9	206.8	5219.25	11.25	55.5	303.8
5217.30	9.30	42.2	209.0	5219.30	11.30	55.8	306.7
5217.35	9.35	42.5	211.1	5219.35	11.35	56.2	309.5
5217.40	9.40	42.8	213.3	5219.40	11.40	56.6	312.4
5217.45	9.45	43.1	215.5	5219.45	11.45	56.9	315.3
5217.50	9.50	43.5	217.7	5219.50	11.50	57.3	318.1
5217.55	9.55	43.8	219.8	5219.55	11.55	57.7	321.0
5217.60	9.60	44.1	222.0	5219.60	11.60	58.0	323.9
5217.65	9.65	44.4	224.2	5219.65	11.65	58.4	326.7
5217.70	9.70	44.7	226.3	5219.70	11.70	58.8	329.6
5217.75	9.75	45.0	228.5	5219.75	11.75	59.2	332.5
5217.80	9.80	45.3	230.7	5219.80	11.80	59.5	335.3
5217.85	9.85	45.7	232.9	5219.85	11.85	59.9	338.2
5217.90	9.90	46.0	235.0	5219.90	11.90	60.3	341.1
5217.95	9.95	46.3	237.2	5219.95	11.95	60.6	343.9

LADORA LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)	ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5220.00	12.00	61.0	346.8	5222.00	14.00	75.1	483.7
5220.05	12.05	61.0	346.8	5222.05	14.05	75.5	487.7
5220.10	12.10	61.0	346.8	5222.10	14.10	75.9	491.6
5220.15	12.15	61.0	346.8	5222.15	14.15	76.3	495.6
5220.20	12.20	61.0	346.8	5222.20	14.20	76.7	499.6
5220.25	12.25	61.0	346.8	5222.25	14.25	77.1	503.5
5220.30	12.30	61.0	346.8	5222.30	14.30	77.5	507.5
5220.35	12.35	61.0	346.8	5222.35	14.35	77.9	511.4
5220.40	12.40	61.0	346.8	5222.40	14.40	78.3	515.4
5220.45	12.45	61.0	346.8	5222.45	14.45	78.7	519.3
5220.50	12.50	61.0	346.8	5222.50	14.50	79.2	523.3
5220.55	12.55	61.0	346.8	5222.55	14.55	79.6	527.3
5220.60	12.60	61.0	346.8	5222.60	14.60	80.0	531.2
5220.65	12.65	61.0	346.8	5222.65	14.65	80.4	535.2
5220.70	12.70	61.0	346.8	5222.70	14.70	80.8	539.1
5220.75	12.75	61.0	346.8	5222.75	14.75	81.2	543.1
5220.80	12.80	61.0	346.8	5222.80	14.80	81.6	547.1
5220.85	12.85	61.0	346.8	5222.85	14.85	82.0	551.0
5220.90	12.90	61.0	346.8	5222.90	14.90	82.4	555.0
5220.95	12.95	61.0	346.8	5222.95	14.95	82.8	558.9
5221.00	13.00	61.0	346.8	5223.00	15.00	83.2	562.9
5221.05	13.05	61.7	353.6	5223.05	15.05	83.6	567.2
5221.10	13.10	62.4	360.5	5223.10	15.10	83.9	571.6
5221.15	13.15	63.1	367.3	5223.15	15.15	84.3	575.9
5221.20	13.20	63.8	374.2	5223.20	15.20	84.7	580.3
5221.25	13.25	64.5	381.0	5223.25	15.25	85.1	584.6
5221.30	13.30	65.2	387.9	5223.30	15.30	85.4	589.0
5221.35	13.35	65.9	394.7	5223.35	15.35	85.8	593.3
5221.40	13.40	66.6	401.6	5223.40	15.40	86.2	597.6
5221.45	13.45	67.3	408.4	5223.45	15.45	86.5	602.0
5221.50	13.50	68.1	415.3	5223.50	15.50	86.9	606.3
5221.55	13.55	68.8	422.1	5223.55	15.55	87.3	610.7
5221.60	13.60	69.5	428.9	5223.60	15.60	87.6	615.0
5221.65	13.65	70.2	435.8	5223.65	15.65	88.0	619.4
5221.70	13.70	70.9	442.6	5223.70	15.70	88.4	623.7
5221.75	13.75	71.6	449.5	5223.75	15.75	88.8	628.1
5221.80	13.80	72.3	456.3	5223.80	15.80	89.1	632.4
5221.85	13.85	73.0	463.2	5223.85	15.85	89.5	636.7
5221.90	13.90	73.7	470.0	5223.90	15.90	89.9	641.1
5221.95	13.95	74.4	476.9	5223.95	15.95	90.2	645.4

LADORA LAKE

ELEVATION (Ft.,msl)	STAGE (feet)	AREA (acres)	VOLUME (ac-ft)
5224.00	16.00	90.6	649.8
5224.05	16.05	91.4	654.7
5224.10	16.10	92.3	659.7
5224.15	16.15	93.1	664.6
5224.20	16.20	94.0	669.6
5224.25	16.25	94.8	674.5
5224.30	16.30	95.6	679.5
5224.35	16.35	96.5	684.4
5224.40	16.40	97.3	689.4
5224.45	16.45	98.2	694.3
5224.50	16.50	99.0	699.3
5224.55	16.55	99.8	704.2
5224.60	16.60	100.7	709.2
5224.65	16.65	101.5	714.1
5224.70	16.70	102.4	719.1
5224.75	16.75	103.2	724.0
5224.80	16.80	104.0	729.0
5224.85	16.85	104.9	733.9
5224.90	16.90	105.7	738.9
5224.95	16.95	106.6	743.8
5225.00	17.00	107.4	748.8

HAVANA FUND STAGE VOLUME AND STAGE AREA CURVES

ELEV. (FEET)	STAGE (FEET)	SURFACE AREA (ACRES)	VOLUME (ACRE-FEET)	ELEV. (FEET)	STAGE (FEET)	SURFACE AREA (ACRES)	VOLUME (ACRE-FEET)
5246.70	2.50	16.15	29.88	5249.20	5.00	31.05	87.56
5246.75	2.55	16.39	30.69	5249.25	5.05	31.38	89.13
5246.80	2.60	16.64	31.52	5249.30	5.10	31.72	90.70
5246.85	2.65	16.88	32.35	5249.35	5.15	32.05	92.29
5246.90	2.70	17.13	33.20	5249.40	5.20	32.38	93.91
5246.95	2.75	17.37	34.07	5249.45	5.25	32.71	95.53
5247.00	2.80	17.62	34.94	5249.50	5.30	33.05	97.16
5247.05	2.85	17.87	35.83	5249.55	5.35	33.38	98.84
5247.10	2.90	18.11	36.73	5249.60	5.40	33.71	100.52
5247.15	2.95	18.36	37.64	5249.65	5.45	34.05	102.21
5247.20	3.00	18.60	38.56	5249.70	5.50	34.38	103.92
5247.25	3.05	18.85	39.50	5249.75	5.55	34.66	105.65
5247.30	3.10	19.09	40.45	5249.80	5.60	34.94	107.39
5247.35	3.15	19.34	41.41	5249.85	5.65	35.22	109.14
5247.40	3.20	19.59	42.38	5249.90	5.70	35.51	110.91
5247.45	3.25	19.83	43.37	5249.95	5.75	35.79	112.69
5247.50	3.30	20.08	44.37	5250.00	5.80	36.07	114.49
5247.55	3.35	20.32	45.38	5250.05	5.85	36.35	116.30
5247.60	3.40	20.57	46.40	5250.10	5.90	36.63	118.12
5247.65	3.45	20.81	47.43	5250.15	5.95	36.91	119.96
5247.70	3.50	21.06	48.48	5250.20	6.00	37.20	121.81
5247.75	3.55	21.39	49.54	5250.25	6.05	37.48	123.68
5247.80	3.60	21.73	50.62	5250.30	6.10	37.76	125.56
5247.85	3.65	22.06	51.71	5250.35	6.15	38.04	127.46
5247.90	3.70	22.39	52.83	5250.40	6.20	38.32	129.37
5247.95	3.75	22.72	53.95	5250.45	6.25	38.60	131.29
5248.00	3.80	23.06	55.10	5250.50	6.30	38.88	133.23
5248.05	3.85	23.39	56.26	5250.55	6.35	39.17	135.18
5248.10	3.90	23.72	57.44	5250.60	6.40	39.45	137.14
5248.15	3.95	24.06	58.63	5250.65	6.45	39.73	139.12
5248.20	4.00	24.39	59.84	5250.70	6.50	40.01	141.12
5248.25	4.05	24.72	61.07	5250.75	6.55	40.29	143.12
5248.30	4.10	25.06	62.31	5250.80	6.60	40.57	145.14
5248.35	4.15	25.39	63.56	5250.85	6.65	40.85	147.18
5248.40	4.20	25.72	64.83	5250.90	6.70	41.14	149.23
5248.45	4.25	26.05	66.15	5250.95	6.75	41.42	151.29
5248.50	4.30	26.39	67.46	5251.00	6.80	41.70	153.37
5248.55	4.35	26.72	68.79	5251.05	6.85	41.98	155.46
5248.60	4.40	27.05	70.13	5251.10	6.90	42.26	157.57
5248.65	4.45	27.39	71.49	5251.15	6.95	42.54	159.69
5248.70	4.50	27.72	72.87	5251.20	7.00	42.83	161.82
5248.75	4.55	28.05	74.26	5251.25	7.05	43.11	163.97
5248.80	4.60	28.39	75.68	5251.30	7.10	43.39	166.13
5248.85	4.65	28.72	77.10	5251.35	7.15	43.67	168.31
5248.90	4.70	29.05	78.55	5251.40	7.20	43.95	170.50
5248.95	4.75	29.38	80.01	5251.45	7.25	44.23	172.71
5249.00	4.80	29.72	81.49	5251.50	7.30	44.51	174.93
5249.05	4.85	30.05	82.98	5251.55	7.35	44.80	177.16
5249.10	4.90	30.38	84.49	5251.60	7.40	45.08	179.40
5249.15	4.95	30.72	86.02	5251.65	7.45	45.36	181.67

HAVANA POND STAGE VOLUME AND STAGE AREA CURVES

ELEV. (FEET)	STAGE (FEET)	SURFACE AREA (ACRES)	VOLUME (ACRE-FEET)	ELEV. (FEET)	STAGE (FEET)	SURFACE AREA (ACRES)	VOLUME (ACRE-FEET)
5241.70	-2.50	0.00	0.00	5244.20	0.00	4.67	4.27
5241.75	-2.45	0.06	0.00	5244.25	0.05	4.89	4.51
5241.80	-2.40	0.12	0.01	5244.30	0.10	5.11	4.76
5241.85	-2.35	0.19	0.01	5244.35	0.15	5.32	5.02
5241.90	-2.30	0.25	0.02	5244.40	0.20	5.54	5.29
5241.95	-2.25	0.31	0.04	5244.45	0.25	5.76	5.57
5242.00	-2.20	0.37	0.06	5244.50	0.30	5.98	5.86
5242.05	-2.15	0.43	0.08	5244.55	0.35	6.20	6.17
5242.10	-2.10	0.50	0.10	5244.60	0.40	6.42	6.48
5242.15	-2.05	0.56	0.13	5244.65	0.45	6.64	6.81
5242.20	-2.00	0.62	0.16	5244.70	0.50	6.86	7.15
5242.25	-1.95	0.68	0.19	5244.75	0.55	7.07	7.50
5242.30	-1.90	0.74	0.22	5244.80	0.60	7.29	7.85
5242.35	-1.85	0.81	0.26	5244.85	0.65	7.51	8.22
5242.40	-1.80	0.87	0.30	5244.90	0.70	7.73	8.61
5242.45	-1.75	0.93	0.35	5244.95	0.75	7.95	9.00
5242.50	-1.70	0.99	0.40	5245.00	0.80	8.17	9.40
5242.55	-1.65	1.05	0.45	5245.05	0.85	8.39	9.81
5242.60	-1.60	1.12	0.50	5245.10	0.90	8.61	10.24
5242.65	-1.55	1.18	0.56	5245.15	0.95	8.82	10.68
5242.70	-1.50	1.24	0.62	5245.20	1.00	9.04	11.13
5242.75	-1.45	1.30	0.68	5245.25	1.05	9.26	11.58
5242.80	-1.40	1.36	0.75	5245.30	1.10	9.48	12.05
5242.85	-1.35	1.43	0.82	5245.35	1.15	9.70	12.53
5242.90	-1.30	1.49	0.89	5245.40	1.20	9.92	13.02
5242.95	-1.25	1.55	0.97	5245.45	1.25	10.14	13.52
5243.00	-1.20	1.61	1.05	5245.50	1.30	10.36	14.03
5243.05	-1.15	1.67	1.13	5245.55	1.35	10.57	14.55
5243.10	-1.10	1.74	1.22	5245.60	1.40	10.79	15.09
5243.15	-1.05	1.80	1.30	5245.65	1.45	11.01	15.63
5243.20	-1.00	1.86	1.39	5245.70	1.50	11.23	16.19
5243.25	-0.95	1.92	1.49	5245.75	1.55	11.48	16.76
5243.30	-0.90	1.98	1.59	5245.80	1.60	11.72	17.34
5243.35	-0.85	2.05	1.69	5245.85	1.65	11.97	17.93
5243.40	-0.80	2.11	1.79	5245.90	1.70	12.21	18.53
5243.45	-0.75	2.17	1.90	5245.95	1.75	12.46	19.15
5243.50	-0.70	2.23	2.01	5246.00	1.80	12.70	19.78
5243.55	-0.65	2.29	2.12	5246.05	1.85	12.95	20.42
5243.60	-0.60	2.36	2.24	5246.10	1.90	13.20	21.08
5243.65	-0.55	2.42	2.36	5246.15	1.95	13.44	21.74
5243.70	-0.50	2.48	2.48	5246.20	2.00	13.69	22.42
5243.75	-0.45	2.70	2.61	5246.25	2.05	13.93	23.11
5243.80	-0.40	2.92	2.75	5246.30	2.10	14.18	23.81
5243.85	-0.35	3.14	2.90	5246.35	2.15	14.42	24.53
5243.90	-0.30	3.36	3.06	5246.40	2.20	14.67	25.26
5243.95	-0.25	3.57	3.24	5246.45	2.25	14.92	25.99
5244.00	-0.20	3.79	3.42	5246.50	2.30	15.16	26.75
5244.05	-0.15	4.01	3.62	5246.55	2.35	15.41	27.51
5244.10	-0.10	4.23	3.82	5246.60	2.40	15.65	28.29
5244.15	-0.05	4.45	4.04	5246.65	2.45	15.70	29.09

HAVANA POND STAGE VOLUME AND STAGE AREA CURVES

ELEV. (FEET)	STAGE (FEET)	SURFACE AREA (ACRES)	VOLUME (ACRE FEET)
5251.70	7.50	45.64	183.94
5251.75	7.55	45.92	186.23
5251.80	7.60	46.19	188.53
5251.85	7.65	46.47	190.85
5251.90	7.70	46.75	193.18
5251.95	7.75	47.03	195.52
5252.00	7.80	47.30	197.88
5252.05	7.85	47.58	200.25
5252.10	7.90	47.86	202.64
5252.15	7.95	48.13	205.04
5252.20	8.00	48.41	207.45
5252.25	8.05	48.69	209.88
5252.30	8.10	48.96	212.32
5252.35	8.15	49.24	214.78
5252.40	8.20	49.52	217.25
5252.45	8.25	49.79	219.73
5252.50	8.30	50.07	222.22
5252.55	8.35	50.35	224.74
5252.60	8.40	50.63	227.26
5252.65	8.45	50.90	229.80
5252.70	8.50	51.18	232.35
5252.75	8.55	51.46	234.92
5252.80	8.60	51.73	237.50
5252.85	8.65	52.01	240.09
5252.90	8.70	52.29	242.70
5252.95	8.75	52.57	245.32
5253.00	8.80	52.84	247.95
5253.05	8.85	53.12	250.60
5253.10	8.90	53.40	253.27
5253.15	8.95	53.67	255.94
5253.20	9.00	53.95	258.63
5253.25	9.05	54.23	261.34
5253.30	9.10	54.50	264.06
5253.35	9.15	54.78	266.79
5253.40	9.20	55.06	269.53
5253.45	9.25	55.33	272.29
5253.50	9.30	55.61	275.07
5253.55	9.35	55.89	277.85
5253.60	9.40	56.17	280.66
5253.65	9.45	56.44	283.47
5253.70	9.50	56.72	286.30

RMA MONTHLY LAKE STAGE AND METER READING DATA OCTOBER 1985-NOVEMBER 1987

LAKE STAGES AND METER READINGS

	ATMOSPHERIC		LAKE STAGES (FEET)					METER READINGS	
Month	Precip. (Inches)	Evap (Inches)	Upper Derby	Lower Derby	Ladora Lake	Mary Lake	Havana Pond	SIP (gal)	Ladora (gal)
10/85	.85	2.73	2.2	16.9	11.8	1.12	3.10	387,400	2,963,700
11/85	.82	1.89	1.8	16.4	12.3	0.95	2.01	309,500	2,867,000
12/85	.47	.63	1.4	16.3	12.5	1.38	.35	206,000	2,288,300
01/86	.16	.49	1.4	16.0	12.4	1.54	0	188,400	2,845,300
02/86	.57	.63	1.1	15.8	12.5	1.61	0	95,000	309,600
03/86	.46	1.12	0.6	15.7	12.5	1.59	0	164,600	215,600
04/86	1.78	2.24	0	15.3	12.4	1.48	0	447,700	745,200
05/86	1.36	3.50	0.8	16.2	12.4	1.56	.70	602,300	870,700
06/86	1.16	5.75	0	16.0	12.3	1.39	1.38	507,100	1,036,300
07/86	1.53	6.15	0	15.4	11.9	1.02	1.43	386,700	1,522,700
08/86	.82	5.45	0	16.4	11.6	0.67	2.07	266,100	1,209,100
09/86	.50	4.46	0	15.1	11.5	0.35	1.75	182,400	954,400
10/86	1.17	2.73	0	15.8	11.85	0.09	1.39	297,200	98,000
11/86	.85	1.89	0	15.4	11.9	0.21	3.01	446,400	211,700
12/86	.16	.63	0	15.0	12.2	0.45	1.07	534,300	394,800
01/87	.38	.49	0	14.7	12.3	0.45	0.40	240,400	394,800
02/87	.83	.63	0	14.4	12.3	0.60	0.82	205,300	1,138,800
03/87	.96	1.12	0	14.3	12.4	0.83	1.33	309,500	1,020,200
04/87	.74	2.24	0	14.2	12.4	0.96	1.44	400,400	499,100
05/87	4.13	3.50	0	14.2	12.3	0.91	1.60	338,000	411,900
06/87	2.90	6.68	0	14.4	12.3	0.80	3.31	128,400	missing
07/87	.80	6.78	1.3	16.9	12.4	1.00	4.33	327,600	missing
08/87	1.62	5.63	0	16.1	12.0	1.25	2.57	387,200	missing
09/87	.47	6.20	0	15.9	11.7	0.96	2.87	295,500	missing
10/87	1.03	3.60	0	15.3	11.6	0.67	1.89	310,200	missing
11/87	1.20	1.89	0	14.7	11.7	0.52	2.72	229,600	missing
12/87	1.30	0.63	0	14.6	12.0	0.62	2.15		

DAILY PRECIPITATION DATA FOR THE RMA VICINITY OCTOBER 1985-NOVEMBER 1987

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

OCTOBER, 1985

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1		0.00	0.00	0.00
2		0.00	0.00	0.00
3		0.00	0.00	0.00
4		0.00	0.00	0.00
5		0.00	0.00	0.00
6		0.00	0.00	0.00
7		0.01	0.00	0.01
8		0.02	0.00	0.01
9		0.01	0.00	0.01
10	0.00	0.11	0.00	0.04
11	0.20	0.19	0.12	0.17
12	0.00	0.02	0.00	0.01
13	0.06	0.14	0.27	0.16
14	0.08	0.16	0.00	0.08
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.40	0.00	0.13
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.15	0.21	0.38	0.25
TOTALS	0.50	1.27	0.77	0.85

NOVEMBER, 1985

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.03	0.00	0.01
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.02	0.03	0.02
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.57	0.19
10	0.00	0.00	0.01	0.00
11	0.00	0.00	0.00	0.00
12	0.03	0.00	0.02	0.02
13	0.05	0.26	0.00	0.10
14	0.05	0.01	0.13	0.06
15	0.00	0.06	0.16	0.07
16	0.29	0.31	0.00	0.20
17	0.03	0.01	0.00	0.01
18	0.00	0.00	0.05	0.02
19	0.00	0.01	0.17	0.06
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.01	0.00
24	0.02	0.01	0.00	0.01
25	0.03	0.02	0.00	0.02
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.01	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.05	0.02
TOTALS	0.50	0.75	1.20	0.82

DECEMBER, 1985

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.01	0.07	0.00	0.03
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.01	0.00	0.00	0.00
8	0.00	0.00	0.15	0.05
9	0.00	0.00	0.28	0.09
10	0.00	0.00	0.21	0.07
11	0.00	0.00	0.01	0.00
12	0.00	0.00	0.00	0.00
13	0.07	0.00	0.00	0.02
14	0.32	0.26	0.00	0.19
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00		0.00	0.00
18	0.00		0.00	0.00
19	0.00		0.00	0.00
20	0.00		0.00	0.00
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.01	0.01
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26	0.00		0.00	0.00
27	0.00		0.00	0.00
28	0.00		0.00	0.00
29	0.00		0.00	0.00
30	0.00		0.00	0.00
31	0.00		0.00	0.00
TOTALS	0.41	0.33	0.66	0.47

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

JANUARY, 1986

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00		0.00	0.00
2	0.00		0.00	0.00
3	0.00		0.00	0.00
4	0.00		0.00	0.00
5	0.00		0.00	0.00
6	0.08		0.20	0.14
7	0.01		0.02	0.02
8	0.00		0.00	0.00
9	0.00		0.00	0.00
10	0.00		0.00	0.00
11	0.00		0.00	0.00
12	0.00		0.00	0.00
13	0.00		0.00	0.00
14	0.00		0.00	0.00
15	0.01		0.00	0.01
16	0.00		0.00	0.00
17	0.00		0.00	0.00
18	0.00		0.00	0.00
19	0.00		0.00	0.00
20	0.00		0.00	0.00
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26	0.00		0.00	0.00
27	0.00		0.00	0.00
28	0.00		0.00	0.00
29	0.00		0.00	0.00
30	0.00		0.00	0.00
31	0.00		0.00	0.00
TOTALS	0.10	0.00	0.22	0.16

FEBRUARY, 1986

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00		0.00	0.00
2	0.00		0.00	0.00
3	0.10		0.00	0.05
4	0.00		0.00	0.00
5	0.03		0.05	0.04
6	0.00		0.10	0.05
7	0.00		0.02	0.01
8	0.00		0.01	0.01
9	0.00		0.07	0.04
10	0.08		0.00	0.04
11	0.00		0.00	0.00
12	0.00		0.00	0.00
13	0.00		0.00	0.00
14	0.00		0.00	0.00
15	0.00		0.00	0.00
16	0.00		0.00	0.00
17	0.00		0.00	0.00
18	0.00		0.00	0.00
19	0.06		0.08	0.07
20	0.21		0.31	0.26
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26	0.00		0.00	0.00
27	0.00		0.01	0.01
28	0.00		0.00	0.00
TOTALS	0.48	0.00	0.65	0.57

MARCH, 1986

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00		0.00	0.00
2	0.00		0.00	0.00
3	0.00		0.00	0.00
4	0.00		0.00	0.00
5	0.00		0.00	0.00
6	0.00		0.00	0.00
7	0.00		0.00	0.00
8	0.00		0.00	0.00
9	0.00		0.00	0.00
10	0.00		0.00	0.00
11	0.00		0.00	0.00
12	0.07		0.05	0.06
13	0.00		0.00	0.00
14	0.01		0.00	0.01
15	0.00		0.01	0.01
16	0.02		0.06	0.04
17	0.25		0.16	0.21
18	0.00		0.02	0.01
19	0.13		0.12	0.13
20	0.00		0.01	0.01
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26	0.00		0.00	0.00
27	0.00		0.00	0.00
28	0.00		0.00	0.00
29	0.00		0.00	0.00
30	0.00		0.00	0.00
31	0.00		0.00	0.00
TOTALS	0.48	0.00	0.43	0.46

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

APRIL, 1986

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.99	0.00	0.43	0.47
3	0.41	0.00	0.97	0.46
4	0.04	0.00	0.00	0.01
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.04	0.00	0.03	0.02
9	0.00	0.00	0.23	0.10
10	0.01	0.00	0.00	0.00
11	0.15	0.00	0.12	0.09
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.22	0.28	0.51	0.34
18	0.01	0.00	0.02	0.01
19	0.00	0.03	0.00	0.01
20	0.11	0.00	0.10	0.07
21	0.09	0.19	0.02	0.10
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.04	0.06	0.16	0.09
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
TOTALS	2.19	0.56	2.59	1.78

MAY, 1986

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.06	0.04	0.05	0.05
8	0.23	0.34	0.29	0.29
9	0.00	0.01	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.01	0.01	0.01
15	0.63	0.27	0.20	0.37
16	0.52	0.67	0.64	0.61
17	0.00	0.01	0.01	0.01
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.06	0.02
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.04	0.01
TOTALS	1.44	1.35	1.30	1.36

JUNE, 1986

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.02	0.07	0.08	0.06
2	0.02	0.14	0.04	0.07
3	0.00	0.00	0.00	0.00
4	0.05	0.03	0.04	0.04
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.03	0.01	0.01	0.02
8	0.00	0.05	0.09	0.05
9	0.32		0.12	0.22
10	0.53		0.38	0.46
11	0.00		0.00	0.00
12	0.00		0.00	0.00
13	0.00		0.01	0.01
14	0.00		0.00	0.00
15	0.00		0.00	0.00
16	0.21		0.10	0.16
17	0.00		0.00	0.00
18	0.00		0.19	0.10
19	0.00		0.00	0.00
20	0.00		0.00	0.00
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26	0.00		0.00	0.00
27	0.00		0.00	0.00
28	0.00		0.00	0.00
29	0.00		0.01	0.01
30	0.00		0.00	0.00
TOTALS	1.18	0.30	1.07	1.16

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

JULY, 1986

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00		0.00	0.00
2	0.06		0.00	0.03
3	0.00		0.00	0.00
4	0.00		0.01	0.01
5	0.22		0.21	0.22
6	0.01		0.03	0.02
7	0.00		0.00	0.00
8	0.00		0.00	0.00
9	0.00		0.00	0.00
10	0.00		0.04	0.02
11	0.01		0.00	0.01
12	0.00		0.00	0.00
13	0.01		0.00	0.01
14	0.00		0.00	0.00
15	0.00		0.00	0.00
16	0.16	0.15	0.08	0.13
17	0.35	0.78	0.89	0.67
18	0.02	0.05	0.00	0.02
19	0.00	0.00	0.00	0.00
20	0.30	0.29	0.30	0.30
21	0.09	0.00	0.02	0.04
22	0.06	0.05	0.11	0.07
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.01	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00
TOTALS	1.30	1.33	1.69	1.53

AUGUST, 1986

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.16	0.61	0.04	0.27
3	0.00	0.04	0.00	0.01
4	0.08	0.08	0.11	0.09
5	0.01	0.01	0.00	0.01
6	0.00	0.00	0.02	0.01
7	0.14	0.01	0.04	0.06
8	0.02	0.01	0.01	0.01
9	0.04	0.00	0.00	0.01
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.02	0.00	0.01	0.01
13	0.12	0.00	0.00	0.04
14	0.00	0.00	0.01	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.01	0.00	0.06	0.02
19	0.04	0.01	0.01	0.02
20	0.02	0.00	0.00	0.01
21	0.29	0.00	0.00	0.10
22	0.01	0.00	0.17	0.06
23	0.00	0.00	0.02	0.01
24	0.00	0.00	0.00	0.00
25	0.00		0.03	0.02
26	0.12		0.00	0.06
27	0.00		0.00	0.00
28	0.00		0.00	0.00
29	0.00		0.00	0.00
30	0.00		0.00	0.00
31	0.00		0.00	0.00
TOTALS	1.08	0.77	0.53	0.82

SEPTEMBER, 1986

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00		0.00	0.00
2	0.01		0.02	0.02
3	0.00		0.00	0.00
4	0.00		0.00	0.00
5	0.00		0.00	0.00
6	0.05		0.13	0.09
7	0.13		0.13	0.13
8	0.00	0.00	0.03	0.01
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.07	0.00	0.00	0.02
22	0.25	0.19	0.05	0.16
23	0.01	0.00	0.00	0.00
24	0.06	0.05	0.06	0.06
25	0.01	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.01	0.00
30		0.00	0.00	0.00
TOTALS	0.59	0.24	0.43	0.50

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

OCTOBER, 1986

DAY	NBHA GAGE	SBHA GAGE	DENVER AIRPORT	AVERAGE
1		0.00	0.00	0.00
2		0.03	0.03	0.03
3		0.26	0.21	0.24
4		0.00	0.00	0.00
5		0.00	0.00	0.00
6		0.00	0.00	0.00
7		0.00	0.00	0.00
8		0.05	0.11	0.08
9		0.03	0.03	0.03
10		0.28	0.43	0.36
11		0.01	0.21	0.11
12		0.05	0.00	0.03
13		0.04	0.00	0.02
14		0.00	0.00	0.00
15		0.00	0.00	0.00
16		0.00	0.00	0.00
17		0.00	0.00	0.00
18		0.00	0.00	0.00
19		0.01	0.01	0.01
20		0.06	0.05	0.06
21		0.00	0.00	0.00
22		0.07	0.02	0.05
23		0.14	0.19	0.17
24		0.01	0.00	0.01
25		0.00	0.00	0.00
26		0.00	0.00	0.00
27		0.00	0.00	0.00
28		0.00	0.00	0.00
29		0.00	0.00	0.00
30		0.00	0.00	0.00
31		0.00	0.00	0.00
TOTALS	0.00	1.04	1.29	1.17

NOVEMBER, 1986

DAY	NBHA GAGE	SBHA GAGE	DENVER AIRPORT	AVERAGE
1		0.17	0.30	0.24
2		0.16	0.00	0.08
3		0.01	0.00	0.01
4		0.00	0.00	0.00
5		0.00	0.00	0.00
6		0.00	0.13	0.07
7		0.00	0.17	0.09
8		0.22	0.00	0.11
9		0.04	0.00	0.02
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.14	0.15	0.44	0.24
TOTALS	0.14	0.75	1.05	0.85

DECEMBER, 1986

DAY	NBHA GAGE	SBHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.01	0.00
7	0.01	0.07	0.11	0.06
8	0.01	0.04	0.10	0.05
9	0.00	0.03	0.09	0.04
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00
TOTALS	0.02	0.14	0.31	0.16

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

JANUARY, 1987

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.03	0.03	0.05	0.04
7	0.00	0.01	0.02	0.01
8	0.07	0.11	0.17	0.12
9	0.00	0.05	0.00	0.02
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.03	0.00	0.30	0.11
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.01	0.05	0.00	0.02
19	0.00	0.00	0.14	0.05
20	0.02	0.00	0.00	0.01
21	0.00	0.02	0.00	0.01
22	0.00	0.02	0.00	0.01
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00
TOTALS	0.16	0.29	0.68	0.38

FEBRUARY, 1987

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.03	0.00	0.00	0.01
4	0.00	0.04	0.06	0.03
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.02	0.01
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.41	0.14
15	0.33	0.25	0.00	0.19
16	0.04	0.03	0.02	0.03
17	0.00	0.00	0.00	0.00
18	0.05	0.02	0.27	0.11
19	0.05	0.19	0.09	0.11
20	0.00	0.07	0.02	0.03
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.01	0.00
25	0.00	0.01	0.00	0.00
26	0.05	0.00	0.30	0.12
27	0.10	0.01	0.01	0.04
28	0.00	0.00	0.00	0.00
TOTALS	0.65	0.62	1.21	0.83

MARCH, 1987

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.24	0.15	0.39	0.26
9	0.12	0.11	0.02	0.08
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.05	0.00	0.00	0.02
16	0.23	0.04	0.27	0.18
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.12	0.03	0.04	0.06
21	0.06	0.04	0.04	0.05
22	0.12	0.14	0.21	0.16
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.04	0.01	0.32	0.12
28	0.00	0.00	0.02	0.01
29	0.04	0.00	0.03	0.02
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00
TOTALS	1.02	0.52	1.34	0.96

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

APRIL, 1987

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.20	0.07
2	0.09	0.08	0.01	0.06
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.06	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.21	0.25	0.49	0.32
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.08	0.03
20	0.32	0.23	0.25	0.27
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
TOTALS	0.62	0.56	1.03	0.74

MAY, 1987

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.05	0.08	0.20	0.11
2	0.44	0.36	0.44	0.41
3	0.59	0.38	0.55	0.51
4	0.06	0.03	0.05	0.05
5	0.09	0.13	0.12	0.11
6	0.00	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00
8	0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.01	0.00	0.00	0.00
11	0.00	0.00	0.01	0.00
12	0.00	0.00	0.03	0.01
13	0.00	0.00	0.00	0.00
14	0.00	0.03	0.04	0.02
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.06	0.10	0.16	0.11
18	0.00	0.00	0.00	0.00
19	0.30	0.07	0.10	0.16
20	0.29	0.35	0.49	0.38
21	0.51	0.40	0.48	0.46
22	0.00	0.00	0.01	0.00
23	0.96	1.27	1.33	1.19
24	0.45	0.27	0.57	0.43
25	0.00	0.01	0.00	0.00
26	0.00	0.28	0.00	0.09
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.01	0.01	0.01
30	0.02	0.14	0.04	0.07
31	0.00	0.00	0.00	0.00
TOTALS	3.84	3.91	4.64	4.13

JUNE, 1987

DAY	NRHA GAGE	SRHA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.05	0.94	1.76	0.92
9	1.07	0.07	0.12	0.42
10	0.07	0.00	0.00	0.02
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.01	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.03	0.00	0.00	0.01
18	0.13	0.22	0.20	0.18
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.36	0.47	0.53	0.45
29	0.94	0.35	0.80	0.70
30	0.02	0.55	0.00	0.19
TOTALS	2.67	2.60	3.42	2.90

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

JULY, 1987

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.05	0.03	0.03
3	0.00	0.00	0.00	0.00
4	0.01	0.01	0.00	0.01
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.03	0.04	0.02
12	0.26	0.30	0.23	0.26
13	0.01	0.00	0.00	0.00
14	0.02	0.00	0.00	0.01
15	0.06	0.00	0.00	0.02
16	0.03	0.00	0.00	0.01
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.01	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.42	0.14
24	0.38	0.00	0.00	0.13
25	0.00	0.00	0.00	0.00
26	0.00	0.06	0.00	0.02
27	0.00	0.00	0.00	0.00
28	0.03	0.16	0.03	0.07
29	0.04	0.12	0.01	0.06
30	0.00	0.00	0.00	0.00
31	0.05	0.01	0.00	0.02
TOTALS	0.99	0.74	0.76	0.80

AUGUST, 1987

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.06	0.02
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.05	0.04	0.02	0.04
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.02	0.01
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.08	0.11	0.27	0.15
22	0.68	0.44	0.76	0.63
23	0.19	0.09	0.11	0.13
24	0.00		0.09	0.05
25	0.06		0.30	0.18
26	0.23		0.37	0.30
27	0.25		0.00	0.13
28	0.00		0.00	0.00
29	0.00		0.00	0.00
30	0.00		0.00	0.00
31	0.00		0.00	0.00
TOTALS	1.54	0.68	2.00	1.62

SEPTEMBER, 1987

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.01	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.10	0.02	0.06	0.06
5	0.00	0.01	0.02	0.01
6	0.00	0.01	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.01		0.00	0.01
10	0.02		0.01	0.02
11	0.00		0.00	0.00
12	0.00		0.00	0.00
13	0.00		0.00	0.00
14	0.09		0.39	0.24
15	0.01		0.01	0.01
16	0.00		0.01	0.01
17	0.04		0.19	0.12
18	0.00		0.00	0.00
19	0.00		0.00	0.00
20	0.00		0.00	0.00
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
TOTALS	0.27	0.04	0.70	0.47

ROCKY MOUNTAIN ARSENAL MONTHLY PRECIPITATION

OCTOBER, 1987

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.21		0.58	0.39
14	0.00		0.04	0.02
15	0.00		0.00	0.00
16	0.00		0.01	0.01
17	0.00		0.00	0.00
18	0.00		0.00	0.00
19	0.00		0.00	0.00
20	0.00		0.00	0.00
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26			0.00	0.00
27			0.00	0.00
28			0.00	0.00
29			0.00	0.00
30			0.61	0.61
31			0.00	0.00
TOTALS	0.21	0.00	1.24	1.03

NOVEMBER, 1987

DAY	NRMA GAGE	SRMA GAGE	DENVER AIRPORT	AVERAGE
1			0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.02	0.08	0.04	0.05
7	0.17	0.14	0.27	0.19
8	0.00	0.01	0.01	0.01
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.31	0.35	0.38	0.35
15	0.33	0.02	0.57	0.31
16	0.00	0.00	0.00	0.00
17	0.00		0.00	0.00
18	0.00		0.00	0.00
19	0.00		0.00	0.00
20	0.00		0.00	0.00
21	0.00		0.00	0.00
22	0.00		0.00	0.00
23	0.00		0.00	0.00
24	0.00		0.00	0.00
25	0.00		0.00	0.00
26	0.23		0.34	0.29
27	0.02		0.01	0.02
28	0.00		0.00	0.00
29	0.00		0.00	0.00
30	0.00	0.00	0.00	0.00
TOTALS	1.08	0.60	1.62	1.20

MONTHLY CHERRY CREEK PAN EVAPORATION DATA 1959-1987

[illegible]y Creek Dam
[illegible] Evaporation In Inches
Table Assumes Daily Lake Evaporation will be .7 of the pan valve

Year/Month	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1959		1.10	3.90	7.00	7.00	9.50	12.10	11.60	6.92	3.00	2.00	1.40	66.2
1960	1.40	1.00	1.40	4.40	8.20	10.30	11.90	12.30	8.50	4.10	2.90	1.20	67.6
1961	1.24	1.20	2.40	5.77	7.69	9.20	10.80	10.80	5.55	4.60	1.10	0.79	61.1
1962	.60	.60	1.55	3.33	7.80	9.20	11.80	12.20	8.40	6.30	3.00	1.50	66.3
1963	1.30	1.70	2.50	5.60	7.10	10.00	10.80	9.20	6.50	4.90	3.10	.88	63.6
1964	.88	1.30	2.00	4.00	6.90	11.70	10.00	8.80	7.60	5.80	2.40	.98	62.4
1965	.73	1.20	1.70	3.40	[illegible]	7.40	8.60	8.80	5.50	2.60	2.30	.94	48.9
1966	.76	.77	1.50	2.70	[illegible]	8.05	8.40	8.80	6.10	2.80	1.49	1.07	50.4
1967	.64	.85	1.70	3.75	5.83	6.10	6.80	7.00	6.40	3.72	1.90	1.00	45.7
1968	.61	.80	1.40	5.35	6.50	9.40	9.80	7.20	6.10	5.00	2.20	1.10	55.5
1969	.63	64	.55	5.70	6.31	6.60	7.80	8.64	5.74	3.60	2.30	1.20	49.7
1970	.70	.75	1.50	4.50	7.20	8.80	8.60	8.20	6.30	3.00	1.90	1.70	53.2
1971	.70	.80	1.80	3.50	6.70	8.77	7.97	8.31	6.00	3.90	2.30	1.00	51.8
1972	.80	.80	1.50	3.80	6.61	7.94	8.75	8.70	5.25	4.27	2.50	.75	51.7
1973	.70	.90	1.80	3.50	6.80	8.57	8.22	8.34	5.37	4.10	1.80	.80	50.9
1974	.80	.80	1.5	4.00	8.32	7.50	9.70	7.90	5.69	4.00	1.80	.86	52.8
1975	.80	.80	1.0	3.5	6.00	7.88	9.45	8.33	6.23	6.43	2.0	.80	53.2
1976	.60	1.2	1.9	3.6	5.85	8.80	9.69	7.72	5.40	3.54	2.0	.80	51.1
1977	.60	.70	1.6	3.1	8.06	9.05	9.03	7.35	8.15	6.13	2.10	1.30	57.2
1978	.70	.90	1.6	5.6	6.69	8.76	10.54	8.96	8.64	5.60	2.70	.90	61.7
1979	.70	.90	1.60	3.20	6.00	8.20	9.33	7.97	6.48	4.46	2.00	.90	51.7
1980	.70	.90	1.60	3.20	6.75	10.33	11.05	8.45	7.04	5.8	2.70	1.00	59.5
1981	.80	.90	1.60	5.14	5.46	8.72	9.53	7.17	6.74	4.00	2.70	.90	53.7
1982	.70	.90	1.70	4.00	5.90	7.26	8.81	7.30	5.79	3.67	2.70	.90	49.6
1983	.70	.90	1.60	3.20	5.00	4.29	10.41	8.59	8.85	8.07	2.70	.90	55.2
1984	.70	.90	1.60	3.20	5.00	6.93	10.48	7.34	6.07	4.10	2.70	.90	49.9
1985	.70	.90	1.60	3.20	7.00	9.72	11.80	8.17	6.96	3.90	2.70	.90	
1986	.70	.90	1.6	3.2	5.0	8.22	8.97	7.78	6.37	3.90	2.70	.90	
1987	.70	.90	1.6	3.2	5.0	9.54	9.69	8.04±	8.86±	5.14±	2.70	.90	
27 Year avg 1959-85	.75	.93	1.71	4.12	6.70	8.47	9.71	8.67	6.59	4.51	2.28	1.01	54.98
Evap in/mo	.53	.65	1.20	2.88	4.69	5.93	6.80	6.07	4.61	3.16	1.60	.71	38.83

NOTE: Pan valves inside border lines are actual readings: outside are estimated values
± Obtained via phone conversation 1/08/88 by Kevin Pierson

Source: COE. 1967

DAILY STREAM DISCHARGE DATA FOR RMA GAGING STATIONS OCTOBER 1985-NOVEMBER 1987

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: PUDDLE INTERCEPT

\DAY / MONTH\	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/95	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	.0	6.9
11/95	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.1	.0	.1	.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	5.0	.0	3.4
12/95	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.3
1/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0
3/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	.0	1.9
4/96	.0	1.4	.5	3.2	3.3	.7	.4	.4	.9	.1	.3	.0	.0	.0	.0	.0	1.6	.0	.0	.3	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0		37.7	.0	26.2
5/96	.0	.0	.0	.0	.0	.0	.1	.9	.0	.0	.0	.0	.0	.0	1.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	20.4	.0	10.4
6/96	.3	.3	.0	.1	.0	.0	.0	.4	.3	1.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.0		14.8	.0	7.3
7/96	.0	.0	.0	.1	.7	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.5	4.9	.1	.0	1.4	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	121.8	.0	17.0
8/96	.0	4.8	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.2	.1	.0	.1	.0	.0	.1	.1	.3	.2	230.0	.0	16.6
9/96	.2	.1	.0	.0	.0	.3	.7	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.1	.1	.0		15.9	.0	4.1
10/96	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.7	.6	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	17.0	.0	12.9
11/96	1.3	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1		5.0	.0	7.4
12/96	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	.0	.5
1/97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4				.4	.0	1.5
3/97	.4	.4	1.0	1.0	1.0	1.0	2.0	4.1	4.1	2.0	1.0	1.0	1.0	1.0	.4	.4	.4	.4	.4	1.0	1.0	1.0	1.0	1.0	1.0	.4	.4	.4	.0	.0	.3	4.1	.0	69.2
4/97	.1	.4	.0	.0	.6	.0	.0	.0	.0	.0	.0	1.5	.6	.0	.0	.0	.0	.0	.1	1.0	.2	.0	.0	.0	.0	.0	.1	.2	.2	.1		9.3	.0	9.0
5/97	7	2.0	2.0	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.4	2.7	2.7	.4	5.6	.0	.0	.0	.0	.0	.0	.3	.0	28.6	.0	37.8
6/97	.1	.4	.1	.3	.3	.4	.4	.1	.0	.0	1.2	.3	.4	.3	.1	.1	.1	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	2.0	.2	.0		30.9	.0	13.0
7/97	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	1.2	.2	.4	.4	.4	.4	.4	.4	.4	.4	.4	.7	.4	.4	.4	.4	.4	1.0	.4	.4	28.8	.0	19.2
8/97	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.0	7.6	1.5	.7	.0	1.2	.0	.0	.0	.0	.0	56.2	.0	40.9
9/97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0
10/97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: HAVANA INTERCEPT

DOBTE\DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DOBTE MAX (CFS)	DOBTE MIN (CFS)	DOBTELT TOTAL (AC/FT)
10/85	4.2	.6	.2	.0	.2	.0	.2	.0	.2	.1	1.6	.0	2.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	3.1	28.2	.0	29.8
11/85	.1	.0	.0	.1	.0	.0	.0	.0	2.2	.0	.0	.0	1.3	.7	2.9	4.3	1.4	.7	3.0	4.0	4.0	4.0	4.0	4.0	14.4	7.5	5.6	1.6	1.3	1.3		51.2	.0	126.3
12/85	1.3	1.3	2.8	2.8	5.7	2.6	2.1	2.1	.7	.7	.7	.7	.7	1.0	1.3	1.3	1.3	.7	.7	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	8.3	.3	69.2
1/86	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2
2/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0				.1	.0	.8
3/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	.6	1.7	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.1	.0	17.8
4/86	.0	5.7	36.3	62.8	19.7	15.9	6.6	3.5	4.6	1.7	2.2	1.6	1.3	1.4	1.0	1.0	6.4	.8	.0	.6	1.1	.1	.8	.5	1.0	1.9	.6	.5	.4	1.0		231.0	.3	358.7
5/86	1.0	.9	.8	1.1	1.7	2.0	2.6	5.6	1.2	.8	.9	.9	1.1	1.4	3.3	10.3	.6	.0	.4	.2	.5	.4	.5	.3	.4	1.3	1.5	1.6	1.7	1.6	1.4	40.5	.3	95.1
6/86	1.8	2.3	.7	.9	.7	.7	.7	1.0	1.4	6.3	.9	.9	.9	.9	1.0	1.9	1.0	1.7	.8	.9	.7	.8	.9	1.2	1.0	1.0	1.3	1.3	1.3	1.1		45.7	.5	77.5
7/86	1.4	1.6	1.4	1.2	3.6	1.7	1.4	1.1	1.2	1.5	1.0	.9	1.0	1.1	1.2	2.7	7.2	6.2	1.3	5.4	1.0	1.9	1.2	1.0	1.1	1.1	1.3	1.1	.8	.9	.9	210.4	.6	113.7
8/86	.7	11.2	1.5	1.0	1.6	1.6	1.4	1.7	1.7	1.6	1.5	1.7	1.7	1.7	1.7	1.6	1.7	1.8	1.7	1.6	1.7	4.4	1.8	1.7	1.7	1.2	1.1	1.1	1.3	1.1	1.1	189.5	.3	110.6
9/86	1.3	1.4	1.2	1.3	1.1	1.5	3.0	2.1	1.1	.9	.8	.9	.7	.0	1.0	1.4	1.0	1.3	1.0	1.0	.9	1.4	.8	1.1	.9	1.0	1.2	1.4	1.1	.9		25.0	.5	70.5
10/86	1.1	1.1	3.6	1.3	1.0	1.1	1.0	1.0	1.6	4.5	3.7	1.3	1.5	1.0	.7	.0	.7	.7	.7	1.4	.0	.0	4.1	1.2	1.0	.7	.0	.7	.0	.7	3.0	32.6	.7	88.6
11/86	1.2	1.6	1.5	1.3	1.3	1.7	3.6	1.4	1.3	1.0	1.0	1.3	1.1	.7	.5	.3	.2	.1	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3.4		41.7	.1	53.8
12/86	4.0	1.2	.6	.3	.4	.3	.9	.4	.3	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	35.0	.1	22.0
1/87	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3	.3	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	4.1
2/87	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.3	.3				.3	.0	3.8
3/87	.3	.3	.3	.3	.3	.3	1.3	3.0	5.2	3.0	1.3	.3	.3	.3	3.0	3.0	3.0	1.3	.3	6.5	6.5	6.5	6.5	4.0	2.1	.7	.1	.1	.1	.1	.0	6.5	.1	121.5
4/87	1.0	4.2	.5	.3	.1	.0	.0	.0	.0	.0	.0	6.0	4.5	.1	.1	.1	.1	.1	.1	10.4	1.6	1.3	1.3	1.3	1.3	1.3	1.1	.7	.7	.9		32.6	.0	77.4
5/87	4.0	6.5	10.1	2.3	5.1	2.6	1.8	2.2	2.0	1.9	1.9	4.5	1.4	1.0	1.2	1.0	2.1	1.4	2.3	16.9	20.3	5.2	20.9	9.1	1.0	1.3	1.3	1.3	1.5	2.2	1.3	389.4	.9	276.6
6/87	1.3	1.3	1.3	1.3	1.4	1.3	1.7	31.7	10.8	4.2	4.3	4.1	3.6	3.0	3.0	3.0	4.1	7.7	4.6	3.9	4.3	4.0	4.7	4.1	3.6	3.9	3.4	7.7	9.3	2.9		677.1	1.0	293.9
7/87	1.6	1.3	1.7	1.2	1.5	1.6	1.0	1.1	1.1	1.5	1.5	4.3	1.7	1.6	1.7	1.6	1.6	1.5	1.5	1.6	1.4	1.5	1.4	4.9	1.4	1.3	2.2	3.5	4.4	2.9	3.1	33.2	.6	119.1
8/87	2.5	2.5	2.5	2.7	2.6	2.3	2.3	1.9	1.6	2.2	1.7	1.5	1.7	1.7	1.4	1.4	1.5	1.1	1.2	1.1	2.1	12.2	3.2	1.1	.8	.0	.0	.0	.0	.0	.0	82.8	.0	113.8
9/87	1.6	1.5	1.5	5.4	1.7	1.6	1.3	.9	.9	.8	1.0	.7	.7	8.9	2.7	1.4	4.2	1.6	1.3	1.3	1.2	.9	.9	.8	1.0	.9	.7	1.3	1.3	1.3		123.2	.6	102.4
10/87	1.3	1.4	1.3	1.3	.9	.3	.3	.3	.3	.3	.3	.8	7.2	3.9	1.3	1.3	1.3	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	.7	.3	.3	.3	12.0	1.3	88.1	.3	98.1
11/87	1.3	.8	.6	.6	.6	.5	2.1	.6	.2	.3	.3	.3	.3	1.9	1.7	4.2	3.0	.8	1.0	.7	.5	.4	.7	.7	.7	9.7	7.3	2.4	2.6	1.7		32.1	.1	96.5

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: LABORA WEIR

MONTH\DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	.0	10.4
11/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		5.0	.0	1.5
12/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0
3/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
5/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
7/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	.0	10.0
8/86	.0	.0	.0	.0	.0	.0	.0	1.7	5.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	20.4
9/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.9		7.0	.0	23.0
10/86	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	.0	5.1
11/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
12/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0
3/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
5/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	13.6	5.7	.0	.0	.0	.0		13.6	.0	53.0
7/87	.0	.0	.0	.0	.0	5.7	13.2	14.5	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.2	.0	82.1
8/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9/87	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.1	.0	1.1
10/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/87	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.1	.0	1.5

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: SOUTH EVALDA

\DAY MONTH\	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	.9	.5	.4	.4	.5	.5	.5	.4	.4	.4	1.1	.4	1.6	.7	.4	.4	.4	.4	.5	.5	.5	.6	.6	.4	.4	.4	.4	.4	.4	.5	2.0	42.0	.4	37.4
11/85	.6	.5	.5	.5	.5	.5	.5	.5	1.5	.6	.7	.5	.5	.4	1.4	.6	.5	.5	.6	.6	.5	.4	.4	.5	.8	.4	.4	.4	.4	.4		8.4	.4	34.2
12/85	.4	.5	.6	.5	.5	.6	.5	.5	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.2	.4	27.0
1/86	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	1.2	.4	24.9
2/86	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		.4	.4	22.2
3/86	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	1.3	.6	.9	.8	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.4	8.4	.4	29.8
4/86	.4	6.5	1.0	25.0	11.2	4.0	2.4	1.6	1.0	1.1	1.1	.8	.5	.6	.6	.7	4.0	.8	.7	1.7	1.0	.6	.7	.6	.6	.9	.5	.6	.6	.6		121.0	.2	147.2
5/86	.6	.6	.7	.7	.8	.8	.7	2.0	.7	.6	.7	.6	.7	.7	2.2	5.3	.6	.6	.6	.7	.7	.6	.6	.6	.7	.7	.7	.8	.9	.8	.7	52.0	.4	56.8
6/86	.8	1.1	.6	.7	.7	.8	.7	1.0	.7	6.0	.7	.7	.7	.7	.8	1.0	.8	.8	.8	.9	.9	.9	.8	.8	.8	.8	.8	.9	.8	.9	.8	8.4	.5	50.3
7/86	.9	1.1	1.2	1.3	1.0	.9	.8	.8	.8	.9	.8	.7	.8	.8	.9	1.1	8.3	1.3	.7	3.2	.8	.9	.6	.7	.6	.5	.6	.8	.8	.8	.8	101.0	.4	73.3
8/86	.8	14.9	1.6	1.0	.8	.8	.8	.8	.8	.8	.8	.7	.8	.7	.8	.8	.7	.8	.7	.7	.7	1.0	.6	.7	.6	.5	.5	.5	.7	.5	.5	202.0	.4	75.4
9/86	.6	.7	.6	.6	.7	.6	.8	.7	.5	.5	.5	.6	.4	.4	.6	.5	.5	.5	.6	.5	.5	.6	.5	.7	.6	.6	.5	.5	.6	.8		2.8	.4	34.8
10/86	.8	.8	1.3	.8	.8	.7	.6	.6	.7	3.5	1.4	.6	.7	.5	.4	.4	.4	.4	.4	.7	.5	.5	1.7	.5	.5	.5	.5	.6	.5	.5	1.7	52.0	.4	49.0
11/86	1.5	.5	.5	.5	.4	.4	1.6	.4	.4	.4	.4	.4	.4	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.5		7.6	.3	27.1
12/86	1.1	.5	.4	.3	.4	.3	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	4.7	.3	22.6
1/87	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	20.8
2/87	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3				.4	.3	18.2
3/87	.3	.4	.4	.8	.8	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	.8	.8	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.2	.3	46.8
4/87	.6	.8	.4	.3	.4	.4	.4	.4	.4	.4	.4	2.5	.7	.5	.5	.5	.6	.6	.6	1.5	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5		6.8	.8	33.9
5/87	1.4	4.6	8.7	.7	.7	.4	.4	.6	.4	.4	.5	.8	.6	.4	.5	.5	.6	.5	.6	2.0	11.1	.6	5.2	1.6	.7	.4	.5	.4	.4	.8	.7	67.0	.4	94.0
6/87	.4	.3	.3	.3	.4	.2	.4	9.2	9.4	.6	.5	.5	.5	.5	.6	.8	.8	4.8	1.0	.5	.5	.4	.4	.4	.5	.5	.4	.9	8.5	.7		128.0	.3	90.3
7/87	.4	.4	.4	.4	.4	.5	.5	.5	.7	.7	.6	1.5	.5	.6	.7	.7	.7	.6	.6	.7	.7	.8	1.1	4.5	.7	.8	.8	.8	1.0	.8	.9	110.0	.3	48.9
8/87	.7	.7	.8	.8	.8	.9	.8	.8	.8	.8	1.0	1.2	1.2	1.0	1.0	.8	.7	.7	.8	.8	1.3	38.3	4.1	1.0	1.1	1.4	.8	.7	.6	.6	.7	110.0	.8	134.4
9/87	.8	.8	.8	1.7	.3	.3	.6	.8	.9	.9	.8	.8	.8	5.7	3.7	.3	2.6	.4	.4	.3	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8		110.0	.2	61.8
10/87	.8	.8	.8	.8	.9	1.0	1.0	1.0	1.0	1.0	.8	.7	2.3	4.9	.6	.8	.8	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	3.7	1.4	110.0	.3	59.2
11/87	.3	.3	.3	.3	.3	.4	.4	1.0	.4	.3	.3	.3	.3	.4	1.1	1.2	1.0	.7	.5	.5	.4	.4	.4	.4	.4	.6	.8	.6	.4	.3		2.0	.2	29.3

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: NORTH UVALDE

MONTH \DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	.5	.3	.3	.3	.3	.4	.3	.3	.3	.3	.5	.3	.7	.4	.3	.3	.3	.5	.4	.4	.4	.5	.8	.4	.4	.4	.4	.5	.5	.6	1.1	3.8	.2	25.9
11/85	.5	.4	.4	.4	.4	.4	.4	.4	.8	.6	.5	.4	.4	.4	.7	.6	.4	.4	.9	1.5	1.5	1.3	1.5	2.0	3.6	1.8	1.0	.9	1.1	1.1		5.0	.4	54.2
12/85	2.4	2.9	2.9	1.1	2.0	2.0	.4	.4	.4	.5	.9	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	3.3	.3	45.1
1/86	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	22.6
2/86	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3				.4	.3	17.5
3/86	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.5	.3	.5	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.9	.3	17.6
4/86	.3	.7	1.0	2.8	2.1	.9	1.3	1.4	1.4	1.1	1.1	.8	.6	.6	.6	.6	1.4	.8	.6	.6	1.1	.6	.5	.4	.4	.5	.4	.5	.5	.5		15.8	.0	51.7
5/86	.5	.5	.4	.5	.5	.4	.4	1.3	.6	.5	.4	.4	.4	.4	1.4	3.6	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	12.3	.1	34.0
6/86	.3	.5	.3	.4	.3	.3	.3	.3	.3	2.2	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2		14.6	.2	18.7
7/86	.2	.3	.3	.4	.7	.3	.3	.3	.4	.4	.3	.3	.3	2.9	12.0	12.1	12.0	7.6	7.9	15.0	6.5	.8	.5	.4	.4	.4	.4	.4	.4	.4	.4	30.0	.2	171.4
8/86	.3	4.3	.5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	.4	.3	.3	.2	.2	.2	.9	.3	.2	.2	.2	.2	.2	.3	.2	.2	30.5	.1	27.1
9/86	.2	3.2	14.0	12.8	13.5	13.6	14.7	14.5	8.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4		24.0	.2	202.4
10/86	.4	.4	.8	.5	.4	.4	.3	.3	.4	1.1	1.2	.3	.4	.3	.3	.3	.3	.3	.3	.4	.2	.2	.9	.3	.3	.3	.3	.2	.2	.3	1.2	10.2	.2	25.8
11/86	1.4	.3	.2	.2	.2	.2	.8	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3		5.0	.1	16.7
12/86	.7	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	2.9	.2	14.4
1/87	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.1	11.3
2/87	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1				.2	.1	8.9
3/87	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	7.5
4/87	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.4	.2	.1	.1	.1	.1	.1	.1	.6	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1		5.6	.1	10.5
5/87	.7	2.2	3.7	.3	.4	.2	.2	.2	.2	.2	.2	.4	.2	.1	.1	.1	.2	.1	.1	1.5	3.9	.2	2.0	1.0	.2	.2	.2	.2	.2	.5	.2	20.0	.0	39.6
6/87	.2	.2	.2	.2	.2	.2	.2	2.9	3.6	.2	.2	.2	.2	.2	.2	.2	.3	2.4	9.9	7.4	8.1	12.0	11.7	12.5	8.2	12.4	12.6	14.9	26.0	6.6		55.0	.1	306.0
7/87	.3	.2	.2	.1	.1	.1	.1	.1	.5	.3	.2	1.2	.2	.1	.2	.2	.1	4.2	10.0	12.4	12.2	12.1	5.2	2.5	.2	.2	.2	.2	.1	.1	.1	24.0	.1	126.6
8/87	.1	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	4.7	6.1	16.7	6.1	.4	.4	.4	.2	.2	.1	.0	.1	49.0	.0	75.2
9/87	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	3.0	.9	.1	1.4	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1		32.0	.0	16.3
10/87	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	1.0	4.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	.3	27.0	.0	20.3
11/87	.0	.0	.0	.0	.0	.1	.2	.6	.1	.1	.1	.1	.1	.6	.0	.0	.6	.2	.2	.1	.1	.1	.1	.1	.1	.3	.4	.3	.1	.2		8.4	.0	12.9

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: BIGELOW LATERAL

MONTH\DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
12/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	10.4	10.0	11.0	7.9	9.7	13.5	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	.0	145.1
8/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9/86	.0	2.2	11.1	11.5	12.5	12.5	12.5	12.5	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		12.8	.0	162.7
10/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
12/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
3/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	10.4	9.7	10.1	11.4	11.4	11.8	9.8	11.6	11.8	11.4	11.2	10.8		14.4	.0	262.6
7/87	0.1	11.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.6	11.0	10.7	11.0	8.4	.3	.0	.0	.0	.0	.0	.0	.0	12.8	.0	148.4
8/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.8	7.9	6.2	.0	.0	.0	.0	.0	.0	.0	.0	10.4	.0	51.1
9/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
10/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: SOUTH FIRST CREEK

MONTH \ DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	1.5	1.2	1.1	.8	1.0	1.1	1.0	.7	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.5	1.6	3.1	.7	68.1
11/85	1.6	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.6	1.4	1.5	1.5	1.5	1.3	1.4	1.4	1.5	1.8	3.4	2.9	1.5	1.3	1.3	1.4	1.6	1.5	1.5	1.4	1.2	.9		10.4	.4	92.7
12/85	.3	.7	1.1	1.3	1.6	1.9	2.2	2.4	2.0	1.8	1.1	1.1	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.0	2.0	2.0	2.0	2.0	3.7	.2	116.3
1/86	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.1	1.1	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.6	2.6	.7	99.6
2/86	2.6	2.6	2.6	2.6	2.6	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1				2.6	1.1	103.0
3/86	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.5	1.4	1.5	1.4	1.1	1.1	.9	.7	.7	.7	.7	.7	.7	.7	2.3	.7	65.0
4/86	.7	1.1	2.1	39.2	41.0	11.2	6.0	3.3	3.3	3.1	2.7	2.6	2.3	2.0	2.0	2.0	2.3	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.0	2.1	2.0	1.8	1.5	1.5		117.0	.7	381.4
5/86	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	3.9	2.1	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.2	1.5	1.5	1.6	1.9	1.9	1.6	10.1	1.1	98.4
6/86	1.5	1.5	1.3	1.1	1.3	1.1	1.0	1.0	1.4	2.6	1.4	1.0	.9	.9	.9	.7	.6	.7	.6	.8	.8	.5	.4	.2	.2	.2	.1	.1	.0	.1		4.7	.0	49.2
7/86	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.1	.1	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.5	.0	3.9
8/86	.0	.1	1.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	4.3	.0	6.7
9/86	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.2	.2	.9	.4	.2	.2		2.0	.0	7.6
10/86	.2	.2	.4	.5	.3	.2	.2	.2	.2	.3	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.7	.7	.7	.7	.7	.7	.7	.7	1.0	1.5	.2	29.2
11/86	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	.9	1.1	.9	.9	1.1	1.1	1.1	.9	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8		1.8	.4	53.7
12/86	.7	.9	.7	.7	.7	.8	.7	.9	1.1	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5	.5	67.4
1/87	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.6	3.3	4.1	5.0	5.0	4.1	4.1	3.3	2.6	2.6	2.0	2.0	2.0	1.5	1.5	1.5	1.1	5.0	1.1	139.0
2/87	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5				1.5	1.1	78.8
3/87	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.8	1.1	82.9
4/87	1.5	1.6	1.5	1.3	1.5	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.6	1.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.9	.7	.8	.7	.8		2.6	.5	69.8
5/87	.8	1.3	3.5	2.4	1.7	1.5	1.4	1.1	1.1	1.1	.8	1.2	2.4	1.1	.9	.8	3.1	3.2	1.5	1.0	3.7	5.3	18.1	36.3	5.8	2.7	2.0	1.8	1.5	1.5	1.5	207.2	.5	224.2
6/87	1.3	1.4	1.1	1.3	1.1	.9	1.0	2.1	71.0	8.8	3.7	2.6	2.3	1.8	1.4	1.1	.9	3.8	1.3	.9	.8	.7	.7	1.1	.7	.4	.3	.4	2.7	2.3		379.1	.1	239.3
7/87	1.4	2.7	1.3	1.1	1.1	.6	.3	.2	.1	.0	.0	.9	.5	.3	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.6	.0	21.6
8/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.1	.2	1.1	.6	.1	.0	.0	.4	2.1	.0	6.3
9/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2		.2	.0	4.4
10/87	.2	.2	.2	.2	.2	.2	.3	.4	.2	.3	.4	.4	.6	1.6	.8	.7	.7	.7	.5	.4	.4	.4	.4	.4	.4	.6	.7	.7	.7	1.1	1.0	5.0	.2	34.8
11/87	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.6	1.1	1.1	1.1	1.1	1.1	1.2	1.0	2.0	3.2	3.0	4.0	1.9	1.5	1.5	1.4	1.1	1.1	1.0	1.4	2.6	2.1	1.9		12.4	.7	93.5

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: NORTH FIRST CREEK

MONTH \ DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	2.4	1.3	.9	.5	.5	.5	.5	.5	.5	.5	.7	1.1	.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.3	1.3	1.3	1.5	2.1	3.4	.5	65.0
11/85	2.3	2.1	1.8	1.5	1.5	1.5	1.5	1.8	2.1	3.6	2.3	2.8	3.4	5.1	4.4	6.4	5.4	4.4	4.0	3.1	3.3	3.2	3.0	3.1	3.4	4.1	4.1	4.3	4.4	3.9		13.5	1.1	193.8
12/85	3.8	4.0	2.9	1.7	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.5	2.8	4.1	6.2	6.2	5.8	5.0	4.1	3.4	3.4	2.8	2.8	2.8	6.2	.0	127.5
1/86	2.8	4.1	4.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	4.1	3.4	2.8	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	5.8	1.5	195.3
2/86	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.1				2.1	1.5	87.2
3/86	2.1	2.1	2.1	1.2	.5	.5	.0	1.1	1.1	.5	.9	1.1	1.1	.0	.7	.6	1.1	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.1	.9	1.1	.7	.5	.5	.5	2.1	.5	61.8
4/86	.5	.8	9.4	15.9	7.0	9.4	10.2	6.3	7.5	6.4	5.0	4.7	3.8	3.4	3.4	2.8	3.2	3.8	2.8	2.8	2.8	2.8	2.8	2.7	2.1	2.2	2.1	2.1	2.1	1.7		21.5	.5	252.9
5/86	1.5	1.5	1.5	1.5	1.1	1.1	1.1	1.3	1.5	1.2	1.1	1.1	1.1	.9	1.2	4.5	2.7	1.8	1.3	1.1	.9	.5	.3	.2	.1	.1	.4	.5	.5	.6	.6	6.2	.1	69.5
6/86	.5	.5	.5	.2	.2	.3	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		2.8	.0	5.6
7/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
10/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
12/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.1	1.1	1.1	1.1	.0	20.4
2/87	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.5	1.5	2.1	2.1	2.0			2.8	.5	55.8
3/87	2.8	2.8	2.8	2.1	2.1	1.5	1.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.1	2.1	2.1	2.1	2.8	2.8	1.1	99.2
4/87	1.6	1.5	1.5	1.5	1.1	1.1	1.1	1.1	1.1	.9	.5	1.1	2.1	1.6	1.5	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	.9	.5	.5	.5	.5	.5		2.1	.5	63.7
5/87	.5	.6	2.5	4.1	2.5	2.1	1.8	1.4	1.1	.9	.5	.5	1.6	1.5	.8	.1	.1	8.9	5.7	5.8	5.5	11.2	9.9	31.2	10.4	4.6	1.9	.8	.2	.4	.7	49.0	.1	235.9
6/87	.9	3.4	2.7	1.9	1.4	.7	.1	.0	80.9	18.5	6.3	3.1	2.3	1.8	1.3	.9	.4	1.7	2.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	213.0	.0	257.5
7/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
8/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
10/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: SOUTH PLANTS DITCH

MONTH \ DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SOUTH MAX (CFS)	SOUTH MIN (CFS)	SOUTH TOTAL (AC/FT)
10/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
12/85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0
3/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
7/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
10/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
12/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0
3/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
5/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
7/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
10/87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11/87	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	0	.0

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: BASIN A

MONTH\DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
10/85	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	1.92	.00	.58
11/85	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.00	.00	.00	.00	.00		.28	.00	.56
12/85	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.09
1/86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2/86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00
3/86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.14
4/86	.00	.00	.46	.22	.31	.29	.16	.10	.09	.04	.03	.02	.02	.02	.02	.02	.06	.02	.02	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01		1.01	.00	4.31
5/86	.01	.01	.01	.01	.02	.02	.02	.00	.02	.01	.01	.01	.01	.01	.02	.13	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	2.49	.00	1.04
6/86	.02	.01	.01	.01	.01	.01	.01	.01	.07	.12	.01	.01	.01	.01	.01	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		3.01	.00	.91
7/86	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.11	.01	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	5.63	.00	.77
8/86	.00	.05	.00	.00	.00	.01	.01	.21	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.01	.00	.00	.00	.00	.00	3.75	.00	.84
9/86	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00		.70	.00	.19
10/86	.00	.00	.02	.00	.00	.00	.00	.00	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.09	.02	.00	.00	.00	.00	.00	.01	.00	.06	.79	.00	.79
11/86	.09	.01	.01	.01	.01	.01	.04	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.02	.01	.01	.01	.01		.36	.00	.67
12/86	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.10
1/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00
3/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.05	.01	.01	.01	.01	.01	.01	.01	.03	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01		.18	.00	.42
5/87	.01	.05	.22	.02	.02	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.14	.01	.33	.15	.02	.01	.01	.01	.01	.01	.01	4.50	.00	2.19
6/87	.01	.01	.01	.01	.01	.01	.01	.22	.04	.02	.32	.02	.02	.02	.02	.01	.01	.03	.01	.01	.02	.02	.01	.01	.01	.01	.01	.05	.10	.03		4.33	.01	1.68
7/87	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.01	.01	.01	.01	.01	.96	.00	.69
8/87	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.22	.05	.02	.03	.03	.01	.01	.01	.01	.01	1.43	.00	1.06
9/87	.01	.01	.01	.14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.78	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00		3.03	.00	2.30
10/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.06	.01	1.34	.00	.65
11/87	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.01	.01	.01	.03	.04	.05	.03	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.26	.00	.74

***** DAILY STREAM DISCHARGE SUMMARY (CFS) *****

STATION: FIRST CR. OFF POST

MONTH\DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTH MAX (CFS)	MONTH MIN (CFS)	MONTHLY TOTAL (AC/FT)
7/86	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.06	.00	.76
8/86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9/86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00
10/86	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.00	.02
11/86	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.03	.03	.02	.01	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.10	.01	1.09
12/86	.03	.03	.03	.03	.03	.03	.03	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.03	3.27
1/87	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.10	.15	.21	.28	.36	.36	.06	5.28
2/87	.56	.82	.68	.56	.46	.36	.28	.28	.28	.28	.36	.46	.56	.68	.82	.82	.68	.56	.56	.46	.46	.36	.36	.36	.46	.46	.56	.56				.82	.28	27.97
3/87	.68	.68	.68	.68	.68	.82	.82	.82	.82	.82	.82	.97	.97	1.13	1.13	1.13	1.13	1.13	1.13	.97	.97	.97	.97	.97	.82	.82	.68	.68	.56	.56	.68	1.13	.56	52.94
4/87	.82	.97	1.13	1.13	1.13	.97	.79	.82	.91	.75	.68	.99	1.69	1.49	1.23	1.04	.90	.82	.70	.81	.97	.84	.82	.65	.56	.47	.46	.46	.46	.46		2.16	.46	51.45
5/87	.46	.54	1.71	4.10	2.91	2.17	1.76	1.38	1.09	.93	.67	.54	.61	1.59	.79	.42	.31	2.60	3.16	1.84	2.02	4.35	5.62	11.57	10.49	3.95	3.92	2.91	2.31	1.95	1.60	16.00	.28	159.21
6/87	1.32	.90	.76	.64	.56	.33	.14	.12	10.93	15.67	7.13	4.24	2.76	1.89	1.30	.86	.51	.46	2.60	.58	.25	.09	.08	.07	.07	.07	.07	.07	.15	.03		23.19	.06	109.97
7/87	.02	.21	.48	.15	.09	.07	.06	.07	.06	.06	.06	.09	.07	.06	.05	.04	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	1.30	.00	5.16
8/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.09	.00	.00	.00	.00	.36	.00	.32
9/87	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.10	.00	.21
10/87	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.09	.03	.03	.03	.03	.02	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01	.00	.01	.02	.00	.92
11/87	.01	.01	.01	.01	.01	.02	.01	.01	.02	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03		.10	.01	1.53

C:\EPRHA>

WATER QUALITY DATA FOR RMA SURFACE WATER SAMPLING SITES 1ST QUARTER FY1986-
4TH QUARTER FY1987

BISW

PARAMETER:					SAM TYPE	S TECH	INSTAL SAMPLE	DEPTH CM	SITE TYPE	ARSENIC	B	CADMIUM	CR	COPPER	LEAD	ZINC	CA	MG
UNITS:										UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T4-SW	0	01-001	01/02/86	08:50	SW	G	BI	0.0	DTCH									
T4SW2	7	01-001	07/02/86	11:30	SW	G	BI	0.0	DTCH									
T4SW3	1	01-001	09/03/86	09:51	SW	G	BI	0.0	DTCH									
T44SW3	1	01-001	05/19/87	14:00	SW	G	BI	0.0	DTCH	2.56	4430	NA	NA	NA	NA	NA	NA	NA
T44SW4	1	01-001	10/30/87	08:19	SW	G	BI	0.0	DTCH	<3.07	4060	<5.16	<5.96	<7.94	<18.6	<20.1	79700	24600
T4-SW	1	01-002	01/02/86	11:12	SW	G	BI	0.0	DTCH									
T4SW2	1	01-002	07/02/86	08:50	SW	G	BI	0.0	DTCH									
T4SW3	2	01-002	09/03/86	08:47	SW	G	BI	0.0	DTCH									
T44SW3	2	01-002	05/20/87	10:21	SW	G	BI	0.0	POND	11.5	15300	<5.16	<5.96	<7.94	<18.6	40.0	204000	54600
T4SW3	34	01-003	08/12/86	14:32	SW	G	BI	0.0	DTCH									
T44SW4	34	01-004	10/26/87	13:50	SW	G	BI	0.0	LAKE	<3.07	4740	<5.16	<5.96	<7.94	<18.6	<20.1	28100	12700
OPSW	72	01CDD	12/14/85	09:15	SW	G	BI	0.0	RYER									
OPSW	1	01CDD	04/07/86	09:30	SW	G	BI	0.0	RYER	<3.90	2890	<5.20	<6.00	<7.90	<18.5	44.3	82600	12000
OPSW2	1	01CDD	06/12/86	13:30	SW	G	BI	0.0	RYER	8.15	13000	<5.16	7.76	<7.94	<18.6	26.5	139000	18500
OPS3	1	01CDD	09/04/86	09:20	SW	G	BI	0.0	RYER	<4.00	5400	<5.20	<6.00	<7.90	<18.5	<20.1	81900	16000
T440S1	1	01CDD	12/16/86	12:50	SW	G	BI	0.0	RYER	33.4	7230	<5.16	<11.9	<7.94	<18.6	65.2	84400	14900
T440S2	1	01CDD	03/26/87	13:30	SW	G	BI	0.0	RYER	<2.50	10200	<5.16	10.1	10.7	<18.6	49.1	110000	22300
T440S3	1	01CDD	06/16/87	11:04	SW	G	BI	0.0	RYER	<3.07	5010	<5.16	<5.96	<7.94	<18.6	38.4	55300	12300
T440S4	1	01CDD	10/16/87	10:41	SW	G	BI	0.0	RYER	<3.07	9330	<5.16	16.3	<7.94	<18.6	39.0	89400	17700
OPSW	2	01DCC	04/07/86	08:30	SW	G	BI	0.0	DTCH	<3.90	3550	<5.20	<6.00	<7.90	<18.5	37.9	65500	11800
OPSW2	2	01DCC	06/12/86	13:00	SW	G	BI	0.0	DTCH	<3.90	12500	<5.16	<5.96	<7.94	<18.6	46.2	80300	11700
OPS3	2	01DCC	09/04/86	08:50	SW	G	BI	0.0	DTCH	<4.00	3670	<5.20	<6.00	<7.90	<18.5	23.0	55200	12400
T440S1	2	01DCC	12/16/86	12:20	SW	G	BI	0.0	DTCH	<3.90	4150	<5.16	<11.9	<7.94	<18.6	39.7	78000	14900
T440S2	2	01DCC	03/26/87	12:30	SW	G	BI	0.0	DTCH	2.98	5080	<5.16	<5.96	<7.94	<18.6	40.7	72500	15100
T440S3	2	01DCC	06/16/87	10:30	SW	G	BI	0.0	DTCH	<3.07	1870	<5.16	<5.96	<7.94	<18.6	39.5	27300	7220
T440S4	2	01DCC	10/16/87	09:45	SW	G	BI	0.0	DTCH	<3.07	4660	<5.16	16.3	<7.94	<18.6	60.3	82700	16600
T4-SW	2	02-001	12/12/85	13:30	SW	G	BI	0.0	LAKE									
T4SW2	3	02-001	07/02/86	12:00	SW	G	BI	0.0	LAKE									
T4SW3	3	02-001	09/03/86	13:11	SW	G	BI	0.0	LAKE									
T44SW3	3	02-001	05/20/87	11:17	SW	G	BI	0.0	DTCH	<2.50	4850	<5.16	<5.96	<7.94	<18.6	<20.1	40400	15400
T44SW4	3	02-001	10/29/87	11:52	SW	G	BI	0.0	DTCH	<3.07	3710	<5.16	<5.96	<7.94	<18.6	<20.1	43600	14400
T44SW3	5	02-003	06/30/87	13:08	SW	G	BI	0.0	DTCH	<3.07	1670	<5.16	<5.96	<7.94	<18.6	50.9	15200	2250
T4-SW	41	02-004	01/02/86	10:20	SW	G	BI	0.0	DTCH									
T4SW2	4	02-004	07/02/86	08:50	SW	G	BI	0.0	DTCH									
T4SW3	38	02-004	09/03/86	13:31	SW	G	BI	0.0	DTCH									
T44SW3	36	02-004	05/27/87	07:42	SW	G	BI	0.0	DTCH	10.5	3620	<5.16	<5.96	<7.94	<18.6	23.7	38100	16000
T4SW3	37	02-005	09/03/86	12:47	SW	G	BI	0.0	DTCH									
T44SW3	38	02-005	05/27/87	14:11	SW	G	BI	0.0	DTCH	15.9	3350	<5.16	<5.96	<7.94	<18.6	50.7	36400	15200
T44SW4	37	02-005	10/29/87	13:15	SW	G	BI	0.0	DTCH	<3.07	4290	<5.16	<5.96	<7.94	<18.6	<20.1	25500	16600
T44SW3	4	02-006	06/30/87	13:57	SW	G	BI	0.0	DTCH	<3.07	<1260	<5.16	<5.96	<7.94	<18.6	94.2	15100	3910
T44SW4	39	02-007	10/26/87	13:21	SW	G	BI	0.0	LAKE	<3.07	3940	<5.16	<5.96	<7.94	<18.6	<20.1	26900	10000
T44SW4	40	02-008	10/26/87	12:51	SW	G	BI	0.0	LAKE	<3.07	3600	<5.16	<5.96	<7.94	<18.6	78.9	18000	13500
T44SW3	6	03-002	06/30/87	10:05	SW	G	BI	0.0	DTCH	<3.07	3040	<5.16	<5.96	<7.94	<18.6	46.6	29700	16300
T4-SW	35	05-001	12/20/85	09:35	SW	G	BI	0.0	STRM									
T4SW2	10	05-001	07/01/86	12:15	SW	G	BI	0.0	STRM									
T44SW3	35	05-001	05/15/87	13:25	SW	G	BI	0.0	CBEL	3.79	6390	<5.16	<5.96	<7.94	<18.6	<20.1	96100	22000
T44SW4	42	05-001	10/29/87	08:51	SW	G	BI	0.0	DTCH	<3.07	4510	<5.16	<5.96	<7.94	<18.6	<20.1	98800	22300
OPS3	6	06CBB	09/04/86	11:50	SW	G	BI	0.0	DTCH	<4.00	3730	<5.20	<6.00	<7.90	<18.5	<20.1	46000	11600
T440S3	6	06CBB	06/16/87	13:17	SW	G	BI	0.0	DTCH	<3.07	2160	<5.16	<5.96	<7.94	<18.6	26.1	32300	7586
T440S4	6	06CBB	10/12/87	13:20	SW	G	BI	0.0	DTCH	<3.07	4660	<5.16	11.5	<7.94	<18.6	<20.1	95500	21200

DLSH

PARAMETER:					HA	HEPTCHR	DDCP	DCPD	DIDE	DCCPD	P,P'-DDT	P,P'-DDE	ALDRIN	DIELDRIN	ENDRIN	ISOBRIN	CHLORDANE	DHBP
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T4-SW	0	01-001	01/02/86	08 58			<0.130	<9.31	<13.0	<0.070	<0.070	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW2	7	01-001	07/02/86	11:30			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	1	01-001	09/03/86	09.51			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	1	01-001	05/19/87	14 00	HA	<0.350	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.110	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	1	01-001	10/30/87	08:19	86200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	1	01-002	01/02/86	11:12			<0.130	20.7	<13.0	<0.070	<0.070	<0.050	<0.070	0.100	<0.050	<0.060		<10.0
T4SW2	1	01-002	07/02/86	08:50			0.336	<9.31	<12.9	0.308	<0.359	<0.265	0.530	0.699	<0.260	<0.300		<10.5
T4SW3	2	01-002	09/03/86	08 47			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.700	0.913	<0.052	<0.060		<10.5
T44SW3	2	01-002	05/20/87	10:21	107000	<0.359	1.00	<16.2	<12.9	<0.083	<0.059	<0.046	<0 083	<0.055	<0.060	<0.056	<0.152	<10.5
T4SW3	36	01-003	08/12/86	14.32			0.205	<9.31	<12.9	<0.070	<0.070	<0.053	0.090	2.23	0.081	<0.060		<10.5
T44SW4	36	01-004	10/26/87	13:50	46600	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0 060		<10.5
OPQ1R	72	01CDD	12/14/85	09:15			<0.130	<9.31					<0.070	<0.060	<0.050	<0.060		13.0
OPSR	1	01CDD	04/07/86	09:30	82200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSR2	1	01CDD	06/12/86	13:30	121000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	1	01CDD	09/04/86	09:20	81000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS1	1	01CDD	12/16/86	12:50	140000	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS2	1	01CDD	03/26/87	13:30	159000	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS3	1	01CDD	06/16/87	11:04	67200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS4	1	01CDD	10/16/87	10:41	143000	<0.240		<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSR	2	01DCC	04/07/86	08:30	66200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSR2	2	01DCC	06/12/86	13:00	71400	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	2	01DCC	09/04/86	08:50	39100	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0 070	<0.060	<0.052	<0.060		<10.5
T44QS1	2	01DCC	12/16/86	12:20	94700	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS2	2	01DCC	03/26/87	12:30	67000	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS3	2	01DCC	06/16/87	10:30	20900	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44QS4	2	01DCC	10/16/87	09:45	77100	<0.240		<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	2	02-001	12/12/85	13:20			<0.130	<9.31	<13.0	HA	<0.070	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW2	3	02-001	07/02/86	12:00			HA	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	3	02-001	09/03/86	13.11			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	3	02-001	05/20/87	11 17	67200	<0.359	<0.130	<16.2	<12.9	<0.083	<0.059	<0.046	<0 083	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	3	02-001	10/29/87	11:52	51700	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	5	02-003	06/30/87	13 08	4760	<0.400	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	41	02-004	01/02/86	10 28			<0.130	<9.31	<13.0	<0.070	<0.070	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW2	4	02-004	07/02/86	08 50			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	38	02-004	09/03/86	13 31			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0 070	<0.060	<0.052	<0.060		<10.5
T44SW3	36	02-004	05/27/87	07.42	103000	<0.359	<0.130	<9.31	<12.9	<0.083	<0.059	<0.046	<0.083	<0.055	<0.060	<0.056	<0.152	<10.5
T4SW3	37	02-005	09/03/86	12.47			<0 130	<9.31	<12.9	<0.070	<0.070	<0.053	0.710	0 903	<0.052	<0.060		<10.5
T44SW3	39	02-005	05/27/87	14 11	79900	<0.359	<0.130	<9.31	<12.9	<0.083	<0.059	<0.046	3.22	12 3	4.44	<0.056	<0.152	<10.5
T44SW4	37	02-005	10/29/87	13 15	81000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	0.359	0.739	<0 052	<0.060		<10.5
T44SW3	4	02-006	06/30/87	13 57	12000	<0.400	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	0.166	1.13	0 113	<0.060		<10.5
T44SW4	39	02-007	10/26/87	13 21	81650	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0 070	<0 060	<0.052	<0.060		<10.5
T44SW4	40	02-008	10/26/87	12 51	94900	<0.240	<0.130	<9.31	<12.9	<0 070	<0.070	<0.053	<0 070	<0 060	<0.052	<0.060		<10.5
T44SW3	6	03-002	06/30/87	10 05	80100	<0.400	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0 060	<0.052	<0.060		<10.5
T4-SW	35	05-001	12/20/85	09 35			<0.130	<9.31	<13.0	HA	<0.050	<0.050	<0.070	<0 060	<0.050	<0.060		<10.0
T4SW2	10	05-001	07/01/86	12 15			<0.130	<9.31	<12.9	<0.070	<0 070	<0.053	<0 070	<0 060	<0 052	<0 060		<10.5
T44SW3	35	05-001	05/15/87	13 25	76700	<0.359	<0.130	<9.31	<12.9	<0.170	<0 059	<0.046	<0.083	<0 055	<0.060	<0.056	<0 152	<10.5
T44SW4	42	05-001	10/29/87	08 51	68800	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0 060		<10.5
OPS3	6	05CDD	09/04/86	11 50	33900	<0.240	<0.130	<9.31	<12.9	<0.070	<0 070	<0 053	<0 070	<0 060	<0.052	<0.060		<10.5
T44QS3	6	05CDD	06/16/87	13 17	23900	<0.240	<0.130	<9	<12.9	<0.070	<0 070	<0.053	<0.070	<0 060	<0 052	<0 060		
T44QS4	6	05CDD	10/12/87	13 20	112000	<0.240	<0.130	<9	<12.9	<0.070	<0.070	<0.053	<0.070	<0 060	<0 052	<0 060		

DESU

PARAMETER UNITS FLD GRP	#	SAMPLE ID	DATE	TIME	DDDP UG/L	DTE UG/L	DDDS UG/L	CPDSO2 UG/L	CPDSO UG/L	CPDS UG/L	1,4-DITB UG/L	1,4-DIAT UG/L	TOLUEN UG/L	DEDIEDS UG/L	STDTLDEDS UG/L	B-ETL UG/L	BAP-ETL UG/L	CL UG/L
T4-SU	0	01-001	01/02/86	00 50	<15 2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1 00	<1.35	<2.47	61200
T4SU2	2	01-001	07/02/86	11 30	<15 2		<1.00	<4.70	<4.20	<1 30	<1.10	<2.00	<1.21	<1 34	<1 20	<1.35	<2.47	33000
T4SU3	1	01-001	09/03/86	09 51	<15 2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1 21	<1.34	<1.20	<1.35	<2.47	43000
T44SU3	1	01-001	05/19/87	14 00	<15.2	<1.14	<1.16	<2.24	<1 98	<1.08	<1 59	<1.35	<1 21	<1.34	<1.20	<1.35	<2.47	66400
T44SU4	3	01-002	10/28/87	08 19	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	50200
T4-SU	1	01-002	01/02/86	11:12	<15 2			120	56.9	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	146000
T4SU2	1	01-002	07/02/86	08 50	<15.2		<1.00	85 8	7.22	2.19	<1.10	<2 00	8 37	1.98	<1 20	<1.35	<2.47	174000
T4SU3	2	01-002	09/03/86	08 47	<15 2		<1.00	291	<4.20	<1.30	<1.10	<2 00	1 51	<1 34	<1 20	<1 35	<2.47	523000
T44SU3	2	01-002	05/20/87	10:21	<15 2	10.4	<1.16	291	204	52.9	<1.59	<1.35	<1 21	<1.34	<1.20	<1.35	<2.47	209000
T4SU3	34	01-003	08/12/86	14 32	<15 2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1 34	<1.20	<1.35	<2.47	
T44SU4	34	01-004	10/26/87	13 50	<15 2	<2.00	<1.00	<4 70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	38200
OPSU0	72	01CD0	12/14/85	09 15	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1 34		<1.35	<2.47	146000
OPSU	1	01CD0	04/07/86	09 30	<15.2			<4.70	<4.20	<11.7	<11 3	<20 0	<1 21	<1.34	<1.20	<1.35	<2.47	55400
OPSU2	1	01CD0	06/12/86	12 30	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	82000
OPS3	1	01CD0	09/04/86	09:20	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	72000
T44OS1	1	01CD0	12/16/86	12 50	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	195000
T44OS2	1	01CD0	03/26/87	13:30	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2 00	<1.21	14.6	<1.20	<1.35	<2.47	199000
T44OS3	1	01CD0	06/16/87	11.04	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	53000
T44OS4	1	01CD0	10/16/87	10:41	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	91000
OPSU	2	01DCC	04/07/86	08:30	<15.2			<4.70	<4.20	<11.7	<11 3	<20.0	<1.21	<1.34	<1.20	<1.35	<2.47	55200
OPSU2	2	01DCC	06/12/86	13:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	39700
OPS3	2	01DCC	09/04/86	08.50	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2 47	59900
T44OS1	2	01DCC	12/16/86	12.20	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	92300
T44OS2	2	01DCC	03/26/87	12:30	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	61600
T44OS3	2	01DCC	06/16/87	10:30	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2 00	<1 21	<1.34	<1.20	<1.35	<2.47	22600
T44OS4	2	01DCC	10/16/87	09 45	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1 21	<1 34	<1.20	<1.35	<2.47	56200
T4-SU	2	02-001	12/12/85	13:30	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	56900
T4SU2	3	02-001	07/02/86	12:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	57900
T4SU3	3	02-001	09/03/86	13:11	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	57900
T44SU3	3	02-001	05/20/87	11.17	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1 59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	61700
T44SU4	3	02-001	10/29/87	11:52	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1 34	<1.20	<1.35	<2.47	46600
T44SU3	5	02-003	06/30/87	13:08	<15 2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	<4800
T4-SU	41	02-004	01/02/86	10 20	<15 2			<4.70	<4.20	<1.30	<1.10	<2 00	<1.21	<1.34	<1.00	<1.35	<2.47	195000
T4SU2	4	02-004	07/02/86	08:50	<15.2		<1.00	<4 70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	17000
T4SU3	38	02-004	09/03/86	13:31	<15.2		<1.00	<4 70	<4.20	<1.30	<1 10	<2.00	<1.21	<1.34	<1.20	<1 35	<2.47	124000
T44SU3	36	02-004	05/27/87	07:42	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1 59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	242000
T4SU3	37	02-005	09/03/86	12:47	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1 35	<2.47	84600
T44SU3	38	02-005	05/27/87	14 11	<15 2	<1.14	<1.16	<2.24	<1.98	<1.08	<1 59	<1.35	<1 21	<1 34	<1.20	<1.35	<2.47	68400
T44SU4	37	02-005	10/29/87	13.15	<15 2	<2.00	<1.00	<4.70	<4.20	<1.30	<1 10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	69700
T44SU3	4	02-006	06/30/87	13 57	<15 2	<2 00	<1.00	<4 70	<4.20	<1.30	<1 10	<2 00	<1 21	<1.34	<1.20	<1.35	<2.47	12700
T44SU4	39	02-007	10/28/87	13:21	<15 2	<2.00	<1.06	<4 70	<4 20	<1.30	<1.10	<2 00	<1 21	<1.34	<1 20	<1.35	<2.47	74700
T44SU4	43	02-008	10/26/87	12 51	<15 2	<2.00	<1 00	<4 70	<4 20	<1.30	<1 10	<2 00	<1 21	<1.34	<1 20	<1.35	<2.47	104000
T44SU3	6	02-032	06/30/87	10 05	<15 2	<2 00	<1.00	<4.70	<4.20	<1 30	<1 10	<2 00	<1 21	<1 34	<1 20	<1 35	<2 47	74500
T4 SU	35	05-001	12/26/85	09 35	<15 2			<4 70	<4.20	<1.30	<1 10	<2 00	<1.21	<1.34	<1.00	<1 35	<2 47	57600
T4SU2	10	05-001	07/01/86	12 15	<15.2		<1.00	<4.70	<4.20	<1 30	<1.10	<2 00	<1 21	<1 34	<1.20	<1 35	<2 47	51500
T44SU3	35	05-001	05/15/87	13 25	<15 2	<1.14	<1.16	<2 24	<1.98	<1 08	<1 59	<1 35	<1.21	<1 34	<1 20	<1 35	<2 47	53300
T44SU4	42	05-001	10/29/87	08 51	<15 2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1 34	<1.20	<1 35	<2 47	46600
OPS3	6	05CD0	09/04/86	11 50	<15 2		<1.00	<4.70	<4.20	<1.30	<1 10	<2.00	<1 21	<1.34	<1.20	<1 35	<2 47	59600
T44OS3	6	05CD0	06/16/87	13 17	<15 2	<2.00	<1.00	<4.70	<4.20	<1 30	<1 10	<2.00	<1.21	<1 34	<1 20	<1 35	<2 47	26300
T44OS4	6	05CD0	10/12/87	13 20	<15 2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1 34	<1.20	<1.35	<2 47	63500

MISW

PARAMETER				PL	SO4	CCL4	CHCL3	CLC6H5	BRTRTLCL	TCLEE	11DCLE	11DCE	111TCE	112TCE	12DCLE	T12DCE	TRCLE
UNITS				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
PLO GRP.	O	SAMPLE ID	DATE TIME														
T4-SW	0	01-001	01/02/86 08 58	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	7	01-001	07/02/86 11 30	<1200	85400	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	1	01-001	09/03/86 09 51	<1200	50800	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	1	01-001	05/19/87 14 00	<1220	121000	<2 40	<1.40	<0.500	<5.00	<1.30	<1 20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	1	01-001	10/30/87 08 19	1190	113000	<2.40	<1.40	<0.500	<5.00	<1.30	<1 20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	1	01-002	01/02/86 11 12	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	1	01-002	07/02/86 08 50	1540	106000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	2	01-002	09/03/86 08 47	2060	256000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	2	01-002	05/20/87 10 21	1400	599000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	34	01-003	08/12/86 14 32			<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	34	01-004	10/26/87 13 50	<1220	66400	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPW1W	12	01CD0	12/14/85 09:15	1330		<2.40	<1.40	<0.500		<1.30						<1.20	<1.10
OPSW	1	01CD0	04/07/86 09:30	<1200	174000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<5.50
OPSW2	1	01CD0	06/12/86 13 30	<1200	240000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	1	01CD0	09/04/86 09:20	<1200	206000	<2.40	<1.40	<0.500	<5.00	<1 30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44051	1	01CD0	12/16/86 12 50	<1200	270000	<2.40	<1.40	<0.500	<5.00	7.34	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44052	1	01CD0	03/26/87 13 30	<1200	316000	<2.40	<1.40	<0.500	<5.00	2.77	<1.20	<1.10	<1.70	<1.00	<0.610	1.82	<1.10
T44053	1	01CD0	06/16/87 11:04	<1220	136000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44054	1	01CD0	10/16/87 10:41	<1220	226000	<2.40	1.20	<0.500	<5.00	3.88	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW	2	01DCC	04/07/86 08:30	<1200	101000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	2	01DCC	06/12/86 13:00	<1200	104000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	2	01DCC	09/04/86 08:50	<1200	88100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44051	2	01DCC	12/16/86 12:20	<1200	101000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44052	2	01DCC	03/26/87 12:30	<1200	131000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44053	2	01DCC	06/16/87 10:30	<1220	39300	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44054	2	01DCC	10/16/87 09 45	<1220	156000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	2	02-001	12/12/85 13:30	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	3	02-001	07/02/86 12:00	<1200	93000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	3	02-001	09/03/86 13:11	<1200	88100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	3	02-001	05/20/87 11.17	<1220	87600	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	3	02-001	10/29/87 11:52	<1220	74000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	5	02-003	06/30/87 13:00	<1220	19700	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	41	02-004	01/02/86 10:28	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	4	02-004	07/02/86 08 50	<1200	16600	<2.40	10.1	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	38	02-004	09/03/86 13 31	<1200	<10000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	36	02-004	05/27/87 07:42	<1220	30500	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	37	02-005	09/03/86 12:47	<1200	117000	<2.40	<1.40	<0.500	<5.00	<1 30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	38	02-005	05/27/87 14 11	<1220	103000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	37	02-005	10/29/87 13 15	<1220	104000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	6	02-006	06/30/87 13 57	<1220	29100	5 70	<1.40	<0.500	<5.00	<1.30	<1 20	<1.10	<1.70	<1 00	<0.610	<1.20	<1.10
T44SW4	39	02-007	10/26/87 13 21	<1220	109000	<2.40	<1.40	<0.500	<5.00	<1.30	<1 20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	40	02-008	10/26/87 12 51	<1220	58400	<2.40	<1.40	<0.500	<5.00	<1 30	<1.20	<1.10	<1.70	<1.00	<0 610	<1.20	<1.10
T44SW3	8	03-002	06/30/87 10 05	<1220	104000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	35	05-001	12/20/85 09 35	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	10	05-001	07/01/86 12 15	<1200	129000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	35	05-001	05/15/87 13 25	<1220	125000	<2.40	<1.40	<0.500	<5.00	<1 30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1 10
T44SW4	42	05-001	10/29/87 08 51	<1220	129000	<2.40	<1.40	<0.500	<5.00	<1 30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1 10
OPS3	6	05CD0	09/04/86 11 50	<1200	83600	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1 10
T44053	6	05CD0	06/16/87 13.17	<1220	43700	<2.40	<1	<0.500	<5.00	<1.30	<1.20	<1.10	<1 70	<1.00	<0.610	<1 20	
T44056	6	05CD0	10/12/87 13 20	<1220	191000	<2.40	<1	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	

DESH

PARAMETER UNITS FLD GRP.	G	SAMPLE ID	DATE	TIME	BOD MG/L	SP COND UMHOS/CM	FIELD PH STD UNITS
T4-SW	0	01-001	01/02/86	08:50			
T4SW2	7	01-001	07/02/86	11:30		613	8.37
T4SW3	1	01-001	09/03/86	09:51			8.30
T44SW3	1	01-001	05/19/87	14:00	88		
T44SW4	1	01-001	10/30/87	08:19	4140		
T4-SW	1	01-002	01/02/86	11:12			
T4SW2	1	01-002	07/02/86	08:50		1150	8.45
T4SW3	2	01-002	09/03/86	08:47			8.05
T44SW3	2	01-002	05/20/87	10:21	215		
T4SW3	34	01-003	08/12/86	14:32		675	9.08
T44SW4	34	01-004	10/26/87	13:50	92.1		
OPSW	72	01CD0	12/14/85	09:15		1910	8.37
OPSW	1	01CD0	04/07/86	09:30	1130	717	8.15
OPSW2	1	01CD0	06/12/86	13:30	1560	983	7.87
OPS3	1	01CD0	09/04/86	09:20	2150	933	7.58
T44OS1	1	01CD0	12/16/86	12:50	2130	1240	7.55
T44OS2	1	01CD0	03/26/87	13:30	2030	1420	7.60
T44OS3	1	01CD0	06/16/87	11:01	815		
T44OS4	1	01CD0	10/16/87	10:41	1520		
OPSW	2	01DCC	04/07/86	08:30	984	608	7.95
OPSW2	2	01DCC	06/12/86	13:00	1260	628	7.73
OPS3	2	01DCC	09/04/86	08:50	1670	595	7.63
T44OS1	2	01DCC	12/16/86	12:20	2270	970	7.98
T44OS2	2	01DCC	03/26/87	12:30	1740	644	8.26
T44OS3	2	01DCC	06/16/87	10:30	513		
T44OS4	2	01DCC	10/16/87	09:45	2440		
T4-SW	2	02-001	12/12/85	13:30			
T4SW2	3	02-001	07/02/86	12:00		653	8.56
T4SW3	3	02-001	09/03/86	13:11			8.08
T44SW3	3	02-001	05/20/87	11:17	53.6		
T44SW4	3	02-001	10/29/87	11:52	66.0		
T44SW3	5	02-003	06/30/87	13:08	58.7		
T4-SW	41	02-004	01/02/86	10:20			
T4SW2	4	02-004	07/02/86	08:50		205	8.04
T4SW3	38	02-004	09/03/86	13:31		705	7.09
T44SW3	36	02-004	05/27/87	07:42	24.7		
T4SW3	37	02-005	09/03/86	12:47		642	9.57
T44SW3	38	02-005	05/27/87	14:11	196		
T44SW4	37	02-005	10/29/87	13:15	34.0		
T44SW3	4	02-006	06/30/87	12:57	160		
T44SW4	39	02-007	10/26/87	13:21	50.0		
T44SW4	40	02-008	10/26/87	12:51	101		
T44SW3	6	03-002	06/30/87	10:05	45.6		
T4-SW	35	05-001	12/20/85	09:35			
T4SW2	10	05-001	07/01/86	12:15		700	8.79
T44SW3	35	05-001	05/15/87	13:25	366		
T44SW4	42	05-001	10/29/87	08:51	559		
OPS3	6	06CDB	09/04/86	11:50	2420	548	7.97
T44OS3	6	06CDB	06/16/87	13:17	775		
T44OS4	6	06CDB	10/12/87	13:20	2060		

DISH

PARAMETER UNITS: FLD.CHR.	#	SAMPLE ID	DATE	TIME	SAM TYPE	S TECH	LOCTAL SAMPLE	DEPTH CM	SITE TYPE	ARSENIC UG/L	B UG/L	CADMIUM UG/L	CR UG/L	COPPER UG/L	LEAD UG/L	ZINC UG/L	CA UG/L	MG UG/L
74-SW	7	87-001	12/28/85	10 10	SW	G	DI	0.0	DTCH									
T4SW3	8	87-001	09/02/86	13:33	SW	G	DI	0.0	DTCH									
T4LSW3	8	87-001	05/20/87	08:44	SW	G	DI	0.0	DTCH	<2.50	2250	<5.16	<5.96	<7.94	<18.6	181	14600	4620
T4LSW4	8	87-001	10/22/87	12:40	SW	G	DI	0.0	DTCH	<3.07	3830	<5.16	13.4	<7.94	<18.6	<28.1	71100	28400
74-SW	8	87-002	12/28/85	10:45	SW	G	DI	0.0	DTCH									
T4SW2	9	87-002	07/01/86	12:55	SW	G	DI	0.0	DTCH									
T4SW3	9	87-002	09/02/86	14:00	SW	G	DI	0.0	DTCH									
T4LSW3	9	87-002	05/20/87	09:17	SW	G	DI	0.0	DTCH	<2.50	3500	<5.16	<5.96	<7.94	<18.6	<28.1	33500	11300
T4LSW4	9	87-002	10/22/87	13:15	SW	G	DI	0.0	DTCH	<3.07	3600	<5.16	10.2	<7.94	41.3	<28.1	95400	47100
T4SW2	10	87-000	07/01/86	14:00	SW	G	DI	0.0	DTCH									
0PSW	44	87ABB	11/21/85	08:30	SW	G	DI	0.0	CBEE									
0PSW	5	87ABB	04/02/86	16:45	SW	G	DI	0.0	CBEE	<3.99	2020	10.5	16.0	22.8	<18.5	88.2	347000	110000
0PSW2	5	87ABB	06/12/86	15:30	SW	G	DI	0.0	CBEE	14.4	4300	<5.20	14.1	<7.90	<18.5	55.7	76200	17000
0PS3	5	87ABB	09/04/86	13:11	SW	G	DI	0.0	STBB	<4.00	2640	<5.20	<6.00	<7.90	<18.5	<28.1	51000	16100
T4A0S1	5	87ABB	12/16/86	14:01	SW	G	DI	0.0	STBB	<3.99	3710	<5.16	12.3	<7.94	<18.6	36.4	79800	15400
T4A0S2	5	87ABB	03/27/87	09:31	SW	G	DI	0.0	CBEE	<2.50	5080	<5.16	16.2	<7.94	<18.6	173	246000	81600
T4A0S3	5	87ABB	06/16/87	00:00	SW	G	DI	0.0	CBEE	<3.07	2550	<5.16	<5.96	<7.94	<18.6	<28.1	63700	14400
0PSW	43	87AAA	11/21/85	11:00	SW	G	DI	0.0	DTCH									
0PSW	4	87AAA	04/02/86	16:30	SW	G	DI	0.0	DTCH	BA	4020	<5.20	<6.00	<7.90	<18.5	45.0	90300	18960
0PSW2	4	87AAA	06/12/86	15:19	SW	G	DI	0.0	DTCH	4.35	3640	<5.20	<6.00	<7.90	<18.5	32.4	76900	12200
0PS3	4	87AAA	09/04/86	13:41	SW	G	DI	0.0	DTCH	<4.00	3700	<5.20	<6.00	<7.90	<18.5	25.0	51100	11000
T4A0S1	4	87AAA	12/16/86	14:11	SW	G	DI	0.0	DTCH	6.26	2960	<5.16	<11.9	<7.94	<18.6	<28.1	305000	92900
T4A0S2	4	87AAA	03/27/87	10:00	SW	G	DI	0.0	DTCH	<2.50	5000	<5.16	<5.96	<7.94	<18.6	22.7	69200	13900
T4A0S3	4	87AAA	06/16/87	14:21	SW	G	DI	0.0	DTCH	<3.07	1770	<5.16	<5.96	<7.94	<18.6	<28.1	27400	7190
T4A0S4	4	87AAA	10/12/87	12:30	SW	G	DI	0.0	DTCH	<3.07	4500	<5.16	16.3	<7.94	<18.6	67.2	105000	22200
74-SW	9	88-001	12/28/85	09:05	SW	G	DI	0.0	STBB									
T4SW2	11	88-002	07/01/86	12:35	SW	G	DI	0.0	DTCH									
T4SW3	11	88-002	09/03/86	14:04	SW	G	DI	0.0	DTCH									
T4LSW3	11	88-002	06/30/87	10:50	SW	G	DI	0.0	DTCH	<3.07	5690	<5.16	<5.96	<7.94	<18.6	74.5	102000	7180
CP01W	50	88ABB	11/22/85	09:00	SW	G	DI	0.0	CBEE									
CP01W	65	88ABB	12/28/85	15:15	SW	G	DI	0.0	CBEE									
0PSW	11	88ABB	04/02/86	10:45	SW	G	DI	0.0	CBEE	6.55	4410	<5.20	<6.00	<7.90	<18.5	24.2	117000	26900
0PSW2	11	88ABB	06/12/86	09:00	SW	G	DI	0.0	CBEE	<3.90	4230	<5.20	<6.00	<7.90	<18.5	<28.1	115000	20600
0PS3	11	88ABB	09/04/86	11:00	SW	G	DI	0.0	STBB	<4.00	5640	<5.20	<6.00	<7.90	<18.5	<28.1	99900	29900
T4A0S1	11	88ABB	12/16/86	10:50	SW	G	DI	0.0	STBB	<3.90	3710	<5.16	<11.9	<7.94	<18.6	25.2	86000	18500
T4A0S2	11	88ABB	03/26/87	11:00	SW	G	DI	0.0	CBEE	<2.50	5480	13.7	<5.96	21.1	<18.6	<28.1	82100	19000
T4A0S3	11	88ABB	06/16/87	09:33	SW	G	DI	0.0	CBEE	<3.07	2460	<5.16	<5.96	<7.94	<18.6	<28.1	24400	21600
T4A0S4	11	88ABB	10/16/87	12:37	SW	G	DI	0.0	CBEE	<3.07	5240	<5.16	12.5	<7.94	21.9	<28.1	95100	20400
74-SW	11	11-001	12/28/85	13:45	SW	G	DI	0.0	DTCH									
T4SW2	12	11-001	07/01/86	15 00	SW	G	DI	0.0	DTCH									
T4SW3	12	11-001	09/03/86	10:41	SW	G	DI	0.0	DTCH									
T4LSW3	12	11-001	05/19/87	08 11	SW	G	DI	0.0	DTCH	4.61	6110	<5.16	<5.96	<7.94	<18.6	22.1	22600	3470
T4LSW4	12	11-001	10/29/87	09 07	SW	G	DI	0.0	DTCH	<3.07	3710	<5.16	<5.96	<7.94	<18.6	<28.1	34200	9350
T4SW2	13	11-002	07/01/86	14:44	SW	G	DI	0.0	DTCH									
T4SW3	13	11-002	09/03/86	11 11	SW	G	DI	0.0	DTCH									
T4LSW3	13	11-002	05/19/87	08.45	SW	G	DI	0.0	DTCH	4.20	5550	<5.16	<5.96	10.6	<18.6	<28.1	28900	5410
T4LSW4	13	11-002	10/29/87	11 11	SW	G	DI	0.0	DTCH	<3.07	7390	<5.16	10.7	12.7	75.9	32.4	39800	9960
T4LSW3	14	11-003	05/19/87	09.11	SW	G	DI	0.0	POOD	<2.50	4150	<5.16	<5.96	<7.94	<18.6	<28.1	13600	1610
T4SW2	14	11-004	07/01/86	14:30	SW	G	DI	0	DTCH									
T4SW3	35	11-034	09/03/86	11.27	SW	G	DI	0.	DTCH									

DESW

PARAMETER / UNITS / FLD GRP.	#	SAMPLE ID	DATE	TIME	BA UG/L	BENCOBT UG/L	BBCP UG/L	BCPD UG/L	BIBE UG/L	BCCPD UG/L	P,P'-DDT UG/L	P,P'-DDE UG/L	ALDRIN UG/L	DIELDRIN UG/L	ENDRIN UG/L	ISOBENZ UG/L	CHLORDANE UG/L	DLDP UG/L
T4-SW	7	07-001	12/20/85	10:10			<0.130	<9.31	<13.0	NA	<0.050	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW3	8	07-001	09/02/86	13:33			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	8	07-001	05/20/87	08:44	17000	<0.359	<0.130	<16.2	<12.9	<0.083	<0.059	<0.046	<0.083	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	8	07-001	10/22/87	12:40	80200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	8	07-002	12/20/85	10:45			<0.130	<9.31	<13.0	NA	<0.050	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW2	9	07-002	07/01/86	12:55			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	9	07-002	09/02/86	14:00			<0 130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	9	07-002	05/20/87	09:17	41500	<0.359	<0.130	<16.2	<12.9	<0.083	<0.059	<0.046	<0.083	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	9	07-002	10/22/87	13:15	263000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW2	10	07-004	07/01/86	14:00			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	44	07ABB	11/21/85	08:30			<0.130	<9.31					<0 070	<0.060	<0.050	<0.060		<10.0
OPSW	5	07ABB	04/02/86	16:45	813000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSW2	5	07ABB	06/12/86	15:30	.52000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	5	07ABB	09/04/86	13:11	47900	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS1	5	07ABB	12/16/86	14:01	99100	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS2	5	07ABB	03/27/87	09:31	544000	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS3	5	07ABB	06/16/87	00:00	71000	1.17	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	43	07BAA	11/21/85	11:00			<0.130	<9.31					<0.070	<0.060	<0.050	<0.060		22.0
OPSW	4	07BAA	04/02/86	16:30	93900	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSW2	4	07BAA	06/12/86	15:10	52600	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	4	07BAA	09/04/86	13:41	36600	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS1	4	07BAA	12/16/86	14:11	615000	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS2	4	07BAA	03/27/87	10:00	66200	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS3	4	07BAA	06/16/87	14:21	22600	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS4	4	07BAA	10/12/87	12:30	96500	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	9	08-001	12/20/85	09 05			<0.130	<9.31	<13.0	NA	<0.050	<0.050	0.200	<0.060	<0.050	<0.060		<10.0
T4SW2	11	08-002	07/01/86	12:35			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	11	08-002	09/03/86	14:04			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	11	08-002	06/30/87	10:58	21100	<0.480	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	50	08ABB	11/22/85	09:00			<0.130	<9.31					<0.070	0.060	<0.050	<0.060		<10.0
OPQ1W	66	08ABB	12/20/85	15:15			<0.130	<9.31					<0.070	<0.060	<0.050	<0.060		11.0
OPSW	11	08ABB	04/02/86	10:45	92600	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSW2	11	08ABB	06/12/86	09:00	61200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	11	08ABB	09/04/86	11:00	60100	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS1	11	08ABB	12/16/86	10:50	60500	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS2	11	08ABB	03/26/87	11:00	59000	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS3	11	08ABB	06/16/87	09:33	66700	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS4	11	08ABB	10/16/87	12:37	62400	<0.240		<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	11	11-001	12/20/85	13:45		?	<0.130	<9.31	<13.0	NA	<0.050	<0.050	0.200	<0.060	<0.050	<0.060		<10.0
T4SW2	12	11-001	07/01/86	15:00			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	12	11-001	09/03/86	10:41			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	12	11-001	05/19/87	08:11	12700	<0.359	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.110	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	12	11-001	10/29/87	09:47	28600	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW2	13	11-002	07/01/86	14:44			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	13	11-002	09/03/86	11:11			<0.130	<9.31	<12.9	NA	NA	NA	NA	NA	NA	NA		NA
T44SW3	13	11-002	05/19/87	08 45	19100	<0.359	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.110	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	13	11-002	10/29/87	11:11	33200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10 5
T44SW3	14	11-003	05/19/87	09:11	14900	<0.359	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.110	<0.055	<0.060	<0.056	<0.152	<10.5
T4SW2	14	11-004	07/01/86	14 30			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	36	11-004	09/03/86	11 27			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5

DESH

PARAMETER				DBRP	BTZ	DBDS	CPBSO2	CPBSO	CPBS	1,4-DITH	1,4-OXAT	TOLUEN	BENZENE	ETHYLBENZ	M-XYL	ORP-XYL	CL
UNITS				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD GRP.	#	SAMPLE ID	DATE TIME														
T4-SW	7	07-001	12/20/85 10:10	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	131000
T4SW3	8	07-001	09/02/86 13:33	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	45100
T44SW3	8	07-001	05/20/87 08:44	<15.2	1.76	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	8260
T44SW4	8	07-001	10/22/87 12:40	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	50500
T4-SW	8	07-002	12/20/85 10:45	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	70300
T4SW2	9	07-002	07/01/86 12:55	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	36000
T4SW3	9	07-002	09/02/86 14:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	47900
T44SW3	9	07-002	05/20/87 09:17	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	23800
T44SW4	9	07-002	10/22/87 13:15	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	41500
T4SW2	10	07-004	07/01/86 14:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	6680
OPQ1W	44	07ABD	11/21/85 08:30	<15.2			NA	NA	NA	NA	NA	<1.21	<1.34		<1.35	<2.47	336000
OPSW	5	07ABB	04/02/86 16:45	<15.2			<4.70	<4.20	<11.7	<11.3	<20.0	<1.21	<1.34	<1.20	<1.35	<2.47	322000
OPSW2	5	07ABB	06/12/86 15:30	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	24900
OPS3	5	07ABB	09/04/86 13:11	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	56700
T44OS1	5	07ABB	12/16/86 14:01	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	90000
T44OS2	5	07ABB	03/27/87 09:31	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	231000
T44OS3	5	07ABB	06/16/87 08:00	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	41600
OPQ1W	43	07BAA	11/21/85 11:00	<15.2			NA	NA	NA	NA	NA	<1.21	<1.34		<1.35	<2.47	159000
OPSW	4	07BAA	04/02/86 16:50	<15.2			<4.70	<4.20	<11.7	<11.3	<20.0	<1.21	<1.34	<1.20	<1.35	<2.47	76200
OPSW2	4	07BAA	06/12/86 15:10	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	37900
OPS3	4	07BAA	09/04/86 13:41	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	50900
T44OS1	4	07BAA	12/16/86 14:11	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	250000
T44OS2	4	07BAA	03/27/87 10:00	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	57100
T44OS3	4	07BAA	06/16/87 14:21	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	23900
T44OS4	4	07BAA	10/12/87 12:30	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	66400
T4-SW	9	08-001	12/20/85 09:05	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	52500
T4SW2	11	08-002	07/01/86 12:35	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	23000
T4SW3	11	08-002	09/03/86 14:04	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	45200
T44SW3	11	08-002	06/30/87 10:58	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	18700
OPQ1W	50	08ABD	11/22/85 09:00	<15.2			NA	NA	NA	NA	NA	NA	NA		NA	NA	53700
OPQ1W	66	08ABD	12/20/85 15:15	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34		<1.35	<2.47	56900
OPSW	11	08ABD	04/02/86 10:45	<15.2			<4.70	<4.20	<11.7	<11.3	<20.0	<1.21	<1.34	<1.20	<1.35	<2.47	63300
OPSW2	11	08ABD	06/12/86 09:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	44800
OPS3	11	08ABD	09/04/86 11:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	58200
T44OS1	11	08ABD	12/16/86 10:50	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	46700
T44OS2	11	08ABD	03/26/87 11:00	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	48600
T44OS3	11	08ABD	06/16/87 09:33	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	50800
T44OS4	11	08ABD	10/16/87 12:37	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	46300
T4-SW	11	11-001	12/20/85 13:45	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	121000
T4SW2	12	11-001	07/01/86 15:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	6140
T4SW3	12	11-001	09/03/86 10:31	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	<4800
T44SW3	12	11-001	05/19/87 08:11	<15.2	12.8	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	9620
T44SW4	12	11-001	10/29/87 09:47	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	35400
T4SW2	13	11-002	07/01/86 14:44	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	<4800
T4SW3	13	11-002	09/03/86 11:11	NA		DI09/08	DI09/08	DI09/08	DI09/08	DI09/08	DI09/08	<1.21	<1.34	<1.20	<1.35	<2.47	<4800
T44SW3	13	11-002	05/19/87 08:45	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	25700
T44SW4	13	11-002	10/29/87 11:11	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	48300
T44SW3	14	11-003	05/19/87 09:11	<15.2	2.06	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	15200
T4SW2	14	11-004	07/01/86 14:30	<15.2		<1.00	<4.7	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	<4
T4SW3	36	11-004	09/03/86 11:27	<15.2		<1.00	<4	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	1

BESH

PARAMETER UNITS					FL UG/L	SO4 UG/L	CCL4 UG/L	CHCL3 UG/L	CLC6H5 UG/L	BRDBTLCL UG/L	TCLEE UG/L	11DCLE UG/L	11DCE UG/L	111TCE UG/L	112TCE UG/L	12DCLE UG/L	TI2DCE UG/L	TDCLE UG/L
FLD GRP.	#	SAMPLE ID	DATE	TIME														
T4-SW	7	07-001	12/20/85	10:10	1500		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	8	07-001	09/02/86	13:33	1440	83000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	8	07-001	05/20/87	08:44	<1220	16700	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW4	8	07-001	10/22/87	12:40	1520	101000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	8	07-002	12/20/85	10:45	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	9	07-002	07/01/86	12:55	1210	78500	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	9	07-002	09/02/86	14:00	<1200	86400	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	9	07-002	05/20/87	09:17	<1220	48600	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW4	9	07-002	10/22/87	13:15	1220	87100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	10	07-004	07/01/86	14:00	<1200	20000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW	44	07ABB	11/21/85	08:30	2710		<2.40	<1.40	<0.500		<1.30						<1.20	<1.10
OPSW	5	07ABB	08/02/86	16:45	2700	2000000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	5	07ABB	06/17/86	15:30	<1200	142000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	5	07ABB	09/04/86	13:11	<1200	129000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S1	5	07ABB	12/16/86	14:01	<1200	173000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S2	5	07ABB	03/27/87	09:31	1590	1530000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S3	5	07ABB	06/16/87	08:00	<1220	197000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW	43	07BAA	11/21/85	11:00	1550		<2.40	<1.40	<0.500		<1.30						<1.20	<1.10
OPSW	4	07BAA	08/02/86	16:30	<1200	151000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	4	07BAA	06/12/86	15:10	<1200	103000	<2.40	7.96	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	4	07BAA	09/04/86	13:41	<1200	83600	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S1	4	07BAA	12/16/86	14:11	1730	1730000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S2	4	07BAA	03/27/87	10:00	<1200	133000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	1.17	<1.20	<1.10
T40S3	4	07BAA	06/16/87	14:21	<1220	43000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S4	4	07BAA	10/12/87	12:30	<1220	178000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	3	08-001	12/20/85	09:05	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	11	08-002	07/01/86	12:35	<1200	58900	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	11	08-002	09/03/86	14:04	<1200	57300	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	11	08-002	06/30/87	10:50	<1220	39500	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW	50	08ABB	11/22/85	09:00	<1200		NA	NA	NA		NA						NA	NA
OPSW	66	08ABB	12/20/85	15:15	<1200		<2.40	<1.40	<0.500		<1.30						<1.20	<1.10
OPSW	11	08ABB	08/02/86	10:45	<1200	141000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	11	08ABB	06/12/86	09:00	<1200	123000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	11	08ABB	09/04/86	11:00	<1200	127000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S1	11	08ABB	12/16/86	10:50	<1200	133000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S2	11	08ABB	03/26/87	11:00	<1200	11800	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S3	11	08ABB	06/16/87	09:33	<1220	122000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T40S4	11	08ABB	10/16/87	12:37	<1220	124000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	11	11-001	12/20/85	13:45	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	12	11-001	07/01/86	15:00	<1200	22000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	2.93	<1.00	<0.610	<1.20	<1.10
T4SW3	12	11-001	09/03/86	10:41	<1200	17300	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	12	11-001	05/19/87	08:11	<1220	27100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	1.92	<1.00	<0.610	<1.20	<1.10
T4SW4	12	11-001	10/29/87	09:47	<1220	46400	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	13	11-002	07/01/86	14:44	<1200	17100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	13	11-002	09/03/86	11:11	<1200	16600	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	13	11-002	05/19/87	08:45	<1220	37000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW4	13	11-002	10/29/87	11:11	1240	53100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	14	11-003	05/19/87	09:11	<1220	17500	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	14	11-004	07/01/86	14:30	<1200	12100	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	36	11-004	09/03/86	11:27	<1200	17500	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10

BESW

PARAMETER:						DO3	SP COND	FIELD PH
UNITS:						UG/L AS B	UMHOS/CM	STD UNITS
FLD GRP.	#	SAMPLE ID	DATE	TIME				
T4-SW	7	07-001	12/20/85	10:10				
T4SW3	8	07-001	09/02/86	13:33			790	9.10
T44SW3	8	07-001	05/20/87	08:44		527		
T44SW4	8	07-001	10/22/87	12:40		3230		
T4-SW	8	07-002	12/20/85	10:45				
T4SW2	9	07-002	07/01/86	12:55			707	8.23
T4SW3	9	07-002	09/02/86	14:00			827	8.40
T44SW3	9	07-002	05/20/87	09:17		1550		
T44SW4	9	07-002	10/22/87	13:15		4720		
T4SW2	10	07-004	07/01/86	14:00			170	7.96
OPQ1W	44	07ABB	11/21/85	08:30				
OPSW	5	07ABB	04/02/86	16:45		331	4340	8.42
OPSW2	5	07ABB	06/12/86	15:30		406	523	8.14
OPS3	5	07ABB	09/04/86	13:11		19.9	614	8.51
T44WS1	5	07ABB	12/16/86	14:01		2640	2720	8.01
T44WS2	5	07ABB	03/27/87	09:31		556	931	8.54
T44WS3	5	07ABB	06/16/87	09:00		250		
OPQ1W	43	07BAA	11/21/85	11:00				
OPSW	4	07BAA	04/02/86	16:30		2010	947	8.24
OPSW2	4	07BAA	06/12/86	15:10		1560	594	7.59
OPS3	4	07BAA	09/04/86	13:41		1420	549	7.94
T44WS1	4	07BAA	12/16/86	14:11		2020	805	7.88
T44WS2	4	07BAA	03/27/87	10:00		1810	759	8.34
T44WS3	4	07BAA	06/16/87	14:21		701		
T44WS4	4	07BAA	10/12/87	12:30		3690		
T4-SW	9	08-001	12/20/85	09:05				
T4SW2	11	08-002	07/01/86	12:35			355	9.21
T4SW3	11	08-002	09/03/86	14:04			4440	8.14
T44SW3	11	08-002	06/30/87	10:58		761		
OPQ1W	50	08ABB	11/22/85	09:00				
OPQ1W	66	08ABB	12/20/85	15:15			630	8.63
OPSW	11	08ABB	04/02/86	10:45		192	916	8.40
OPSW2	11	08ABB	06/12/86	09:00		288	950	7.83
OPS3	11	08ABB	09/04/86	11:00		93.4	899	8.33
T44WS1	11	08ABB	12/16/86	10:50		504	810	8.47
T44WS2	11	08ABB	03/26/87	11:00		247	753	8.02
T44WS3	11	08ABB	06/16/87	09:32		558		
T44WS4	11	08ABB	10/16/87	12:37		351		
T4-SW	11	11-001	12/20/85	13:45				
T4SW2	12	11-001	07/01/86	15:00			198	7.74
T4SW3	12	11-001	09/03/86	10:41			151	7.40
T44SW3	12	11-001	05/19/87	08:11		319		
T44SW4	12	11-001	10/29/87	09:47		27.2		
T4SW2	13	11-002	07/01/86	14:44			192	10.3
T4SW3	13	11-002	09/03/86	11:11			127	10.1
T44SW3	13	11-002	05/19/87	08:45		31.5		
T44SW4	13	11-002	10/29/87	11:11		<10.0		
T44SW3	14	11-003	05/19/87	09:11		60.9		
T4SW2	14	11-004	07/01/86	14:30			178	10.4
T4SW3	35	11-004	09/03/86	11:27			141	9.39

DISH

PARAMETER UNITS. FLD GRP.	#	SAMPLE ID	DATE	TIME	SAM TYPE	S TECH	INSTAL SAMPLE	DEPTH CM	SITE TYPE	ARSENIC UG/L	B UG/L	CADMIUM UG/L	CR UG/L	COPPER UG/L	LEAD UG/L	ZINC UG/L	CA UG/L	MG UG/L
T44SD4	43	11-004	10/29/87	10:31	SW	G	DI	0.0	DTCH	<3.07	3480	<5.16	<5.96	<7.94	<18.6	<20.1	8120	1340
T4-SW	14	12-001	12/20/85	11:10	SW	G	DI	0.0	DTCH									
T4SW2	15	12-001	07/01/86	13:00	SW	G	DI	0.0	DTCH									
T4SW3	15	12-001	09/02/86	14:20	SW	G	DI	0.0	DTCH									
T44SW3	15	12-001	05/19/87	10:04	SW	G	DI	0.0	DTCH	2.77	4990	<5.16	<5.96	<7.94	<18.6	<20.1	22600	3620
T4SW2	16	12-002	07/01/86	13:22	SW	G	DI	0.0	DTCH									
T4SW3	16	12-002	09/02/86	14:50	SW	G	DI	0.0	DTCH									
T44SW4	16	12-002	10/22/87	13:40	SW	G	DI	0.0	DTCH	<3.07	5090	<5.16	<5.96	<7.94	<18.6	127	13400	1900
T4-SW	17	12-004	12/20/85	11:55	SW	G	DI	0.0	DTCH									
T4SW3	18	12-004	09/03/86	10:17	SW	G	DI	0.0	DTCH									
T44SW3	18	12-004	05/19/87	10:41	SW	G	DI	0.0	DTCH	3.79	7510	<5.16	<5.96	13.1	<18.6	20.8	40500	9340
T4SW2	19	12-005	07/02/86	11:05	SW	G	DI	0.0	DTCH									
T44SW3	19	12-005	05/19/87	13:17	SW	G	DI	0.0	DTCH	<2.50	4430	<5.16	<5.96	<7.94	<18.6	<20.1	74500	23000
T44SW4	19	12-005	10/30/87	07:51	SW	G	DI	0.0	DTCH	<3.07	3710	<5.16	<5.96	<7.94	<18.6	<20.1	81900	24000
OPQ1W	42	12AAB	11/19/85	14:15	SW	G	DI	0.0	BYEB									
OPSW2	3	12AAB	06/16/86	12:45	SW	G	DI	0.0	BYEB	<3.90	11300	<51.6	<59.6	<79.4	<186	<201	68200	18200
OPS3	3	12AAB	09/05/86	12:51	SW	G	DI	0.0	BYEB	4.72	7930	<5.20	<6.00	<7.90	<18.5	<20.1	101000	17100
T44S1	3	12AAB	12/17/86	11:15	SW	G	DI	0.0	BYEB	<3.90	7670	<5.16	<11.9	<7.94	<18.6	67.0	84500	13300
T44S2	3	12AAB	03/27/87	10:31	SW	G	DI	0.0	BYEB	<2.50	10600	<5.16	6.21	10.7	<18.6	79.6	76200	15300
T44S3	3	12AAB	06/17/87	11:34	SW	G	DI	0.0	BYEB	<3.07	3930	<5.16	<5.96	<7.94	<18.6	56.2	48200	8160
T44S4	3	12AAB	09/24/87	11:23	SW	G	DI	0.0	BYEB	<3.07	8820	<5.16	14.4	<7.94	<18.6	26.0	86500	17400
OPSW	3	12AAB	04/07/86	12:45	SW	G	DI	0.0	BYEB	<3.90	4530	20.6	31.3	32.1	20.6	81.1	70400	12000
OPQ1W	49	13DCC	11/22/85	09:45	SW	G	DI	0.0	CBEE									
OPQ1W	27	13DCC	12/20/85	11:00	SW	G	DI	0.0	CBEE									
OPSW	10	13DCC	04/02/86	12:30	SW	G	DI	0.0	CBEE	<3.90	4530	<5.20	<6.00	<7.90	<18.5	29.5	112000	44600
T44S2	10	13DCC	03/26/87	14:14	SW	G	DI	0.0	CBEE		6670	<5.16	<5.96	<7.94	<18.6	<20.1	18300	3300
T44S3	10	13DCC	06/17/87	12:52	SW	G	DI	0.0	CBEE	3.50	5500	<5.16	<5.96	<7.94	<18.6	41.4	113000	36100
OPQ1W	48	14BBD	12/14/85	10:00	SW	G	DI	0.0	CBEE									
OPSW	9	14BBD	04/02/86	14:00	SW	G	DI	0.0	CBEE	<3.90	4600	<5.20	<6.00	<7.90	<18.5	29.5	118000	49700
OPSW2	9	14BBD	06/16/86	14:40	SW	G	DI	0.0	CBEE	9.84	3710	<5.20	<6.00	<7.90	<18.5	<20.1	135000	55600
T44S1	9	14BBD	12/16/86	13:21	SW	G	DI	0.0	CBEE	<3.90	2960	<5.16	<11.9	<7.94	<18.6	23.2	106000	47400
T44S2	9	14BBD	03/26/87	15:20	SW	G	DI	0.0	CBEE	2.78	7070	<5.16	<5.96	<7.94	<18.6	<20.1	100000	38800
T44S3	9	14BBD	06/17/87	13:20	SW	G	DI	0.0	CBEE	4.10	6890	<5.16	<5.96	<7.94	<18.6	<20.1	85300	38400
T44S4	9	14BBD	10/12/87	16:49	SW	G	DI	0.0	CBEE	<3.07	2610	<5.16	11.5	<7.94	<18.6	<20.1	90800	43900
OPSW	7	22CAA	04/15/86	10:45	SW	G	DI	853	LAKE	<3.90	4140	<5.20	<6.00	<7.90	<18.5	23.2	75900	15000
OPSW2	7	22CAA	06/16/86	10:00	SW	G	DI	0.0	LAKE	<3.90	5710	<5.20	<6.00	<7.90	<18.5	<20.1	87400	13900
OPS3	7	22CAA	09/05/86	11:00	SW	G	DI	0.0	LAKE	<3.90	4860	<5.20	<6.00	<7.90	31.2	<20.1	85900	13100
T44S2	7	22CAA	04/08/87	11:11	SW	G	DI	0.0	LAKE	2.96	5450	<5.16	<5.96	12.1	<18.6	<20.1	64700	14000
T44S3	7	22CAA	06/17/87	09:26	SW	G	DI	0.0	LAKE	<3.07	4320	<5.16	<5.96	<7.94	<18.6	<20.1	57100	11000
T44S4	7	22CAA	10/23/87	09:41	SW	G	DI	0.0	LAKE	NA	NA	NA	NA	NA	NA	NA	NA	NA
T4-SW	19	24-001	12/12/85	11:44	SW	G	DI	0.0	STRM									
T4SW2	20	24-001	06/30/86	14:05	SW	G	DI	0.0	STRM									
T4SW3	20	24-001	09/02/86	10:40	SW	G	DI	0.0	STRM									
T44SW3	20	24-001	05/15/87	09:30	SW	G	DI	0.0	STRM	28.7	5130	<5.16	<5.96	<7.94	<18.6	149	33700	10500
T44SW4	45	24-001	10/22/87	09:00	SW	G	DI	0.0	STRM	38.7	4290	<5.16	<5.96	<7.94	<18.6	30.9	30500	8900
T4-SW	20	24-002	12/12/85	11:20	SW	G	DI	0.0	STRM									
T4SW3	22	24-003	09/02/86	10:11	SW	G	DI	0.0	DTCH									
T44SW3	33	24-007	05/15/87	08:40	SW	G	DI	0.0	CBEE	5.01	6390	<5.16	<5.96	<7.94	<18.6	<20.1	89500	28600
T44SW3	34	24-008	05/15/87	10:25	SW	G	DI	0.0	POND	2.56	3600	<5.16	<5.96	<7.94	<18.6	162	96200	53600
T44SW4	49	24-008	10/22/87	09:55	SW	G	DI	0.0	POND	<3.07	3830	<5.16	<5.96	<7.94	<18.6	<20.1	126000	63000

DISH

PARAMETER:					HA	MERCURY	DDCP	DCPD	BIBE	BCCPD	P,P'-DDT	P,P'-DDE	ALDRIN	DIELDRIN	DDDRIN	ISODRIN	CHLORDANE	DIHP
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD GRP.	#	SAMPLE ID	DATE	TIME														
T44SW4	43	11-004	10/29/87	10:31	5300	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	14	12-001	12/20/85	11:10			<0.130	<9.31	<13.0	HA	<0.050	<0.050	0.100	<0.060	<0.050	<0.060		<10.0
T4SW2	15	12-001	07/01/86	13:00			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	15	12-001	09/02/86	14:20			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	15	12-001	05/19/87	10:04	17600	<0.359	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.083	<0.055	<0.060	<0.056	<0.152	<10.5
T4SW2	16	12-002	07/01/86	13:22			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	16	12-002	09/02/86	14:50			<0.13C	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW4	16	12-002	10/22/87	13:40	3120	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	17	12-004	12/20/85	11:55			<0.130	<9.31	<13.0									
T4SW3	18	12-004	09/03/86	10:17			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	18	12-004	05/19/87	10:41	29200	<0.359	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.110	<0.055	<0.060	<0.056	<0.152	<10.5
T4SW2	19	12-005	07/02/86	11:05			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	19	12-005	05/19/87	13:17	85200	<0.359	<0.130	<21.6	<12.9	<0.083	<0.059	<0.046	<0.110	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	19	12-005	10/30/87	07:51	87200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	42	12AAB	11/19/85	14:15			<0.130	<9.31					0.100	<0.060	<0.050	<0.060		<10.0
OPSW2	3	12AAB	06/16/86	12:45	68000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	3	12AAB	09/05/86	12:51	113000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S1	3	12AAB	12/17/86	11:15	118000	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S2	3	12AAB	03/27/87	10:31	120000	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S3	3	12AAB	06/17/87	11:34	40900	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S4	3	12AAB	09/24/87	11:23	134000	<0.480	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSW	3	12ABB	04/07/86	12:45	77200	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	49	13DCC	11/22/85	09:45			<0.130	<9.31					<0.070	0.080	<0.050	<0.060		<10.0
OPQ1W	77	13DCC	12/20/85	11:00			<0.130	<9.31					0.200	<0.060	<0.050	<0.060		17.0
OPSW	10	13DCC	04/02/86	12:30	174000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S2	10	13DCC	03/26/87	14:14	12200	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S3	10	13DCC	06/17/87	12:52	129000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	48	14BDD	12/14/85	10:00			<0.130	<9.31					<0.070	<0.060	<0.050	<0.060		58.0
OPSW	9	14BDD	04/02/86	14:00	213000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.053	<0.053	<0.070	0.062	<0.052	<0.060		69.0
OPSW2	9	14BDD	06/16/86	14:40	302000	<0.240	<0.130	24.2	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		466
T440S1	9	14BDD	12/16/86	13:21	261000	<0.500	<0.130	31.5	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		550
T440S2	9	14BDD	03/26/87	15:20	157000	<0.359	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		89.3
T440S3	9	14BDD	06/17/87	13:20	158000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		74.6
T440S4	9	14BDD	10/12/87	16:49	253060	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		196
OPSW	7	22CAA	04/15/86	10:45	73700	<0.240	<0.130	HA	HA	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSW2	7	22CAA	06/16/86	10:00	63200	IL	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	7	22CAA	09/05/86	11:00	68700	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S2	7	22CAA	04/08/87	11:11	89000	<0.359	<0.130	<9.31	<12.9	HA	HA	HA	HA	HA	HA	HA		11.7
T440S3	7	22CAA	06/17/87	09:26	58800	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T440S4	7	22CAA	10/23/87	09:41	HA	HA	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	19	24-001	12/12/85	11:44			<0.130	<9.31	<13.0	HA	<0.070	<0.050	0.080	<0.060	<0.050	<0.060		<10.0
T4SW2	20	24-001	06/30/86	14:05			<0.130	<9.31	<12.9	<0.700	<0.700	<0.530	2.90	0.936	<0.520	<0.600		<10 5
T4SW3	20	24-001	09/02/86	10:40			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	0.598	0.187	<0.052	<0.060		<10.5
T44SW3	20	24-G01	05/15/87	09:30	65800	<0.359	0.150	HA	HA	<0.170	<0.059	<0.046	0.361	0.105	<0.060	<0.056	<0.152	<10.5
T44SW4	45	24-001	10/22/87	09:00	63900	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	0.248	0.099	<0.052	<0.060		<10.5
T4-SW	20	24-002	12/12/85	11:20			<0.130	<9.31	<13.0	HA	<0.070	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW3	22	24-003	09/02/86	10:11			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	33	24-007	05/15/87	08:40	107000	<0.359	<0.130	<9.3[illegible]	<12.9	<0.170	<0.059	<0.046	<0.083	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW3	34	24-008	05/15/87	10:25	231000	<0.359	<0.130	<9	<12.9	<0.170	<0.059	<0.046	<0.083	<0.055	<0.060	<0.056	<0.152	
T44SW4	49	24-008	10/22/87	09:55	230000	<0.240	<0.130	<9.[illegible]	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<[illegible]

RESW

PARAMETER:				DBHP	BTZ	BHDS	CPHSO2	CPHSO	CPHS	1,4-DITH	1,4-OXAT	TOLUEN	BENZENE	ETHYLBENZ	N-ITL	OAP-ITL	CL
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T44SW4	43	11-004	10/29/87 10:31	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	<4000
T4-SW	14	12-001	12/20/85 11:10	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	696000
T4SW2	15	12-001	07/01/86 13:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	<4000
T4SW3	15	12-001	09/02/86 14:20	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	<4000
T44SW3	15	12-001	05/19/87 10:04	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.28	<1.35	<2.47	21000
T4SW2	16	12-002	07/01/86 13:22	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	<4000
T4SW3	16	12-002	09/02/86 14:50	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	<4000
T44SW4	16	12-002	10/22/87 13:40	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	21.7	<1.34	<1.28	<1.35	<2.47	<4000
T4-SW	17	12-004	12/20/85 11:55									<1.21	<1.34	<1.00	<1.35	<2.47	680000
T4SW3	18	12-004	09/03/86 10:17	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	<4000
T44SW3	18	12-004	05/19/87 10:41	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.28	<1.35	<2.47	34000
T4SW2	19	12-005	07/02/86 11:05	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	25100
T44SW3	19	12-005	05/19/87 13:17	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.28	<1.35	<2.47	97100
T44SW4	19	12-005	10/30/87 07:51	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	47700
OPQ1W	42	12AAB	11/19/85 14:15	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34		<1.35	<2.47	82400
OPSW2	3	12AAB	06/16/86 12:45	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	31100
OPS3	3	12AAB	09/05/86 12:51	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	88700
T44OS1	3	12AAB	12/17/86 11:15	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	112000
T44OS2	3	12AAB	03/27/87 10:31	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	103000
T44OS3	3	12AAB	06/17/87 11:31	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	36200
T44OS4	3	12AAB	09/24/87 11:23	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	103000
OPSW	3	12ABB	04/07/86 12:45	<15.2			<4.70	<4.20	<11.7	<11.3	<20.0	<1.21	<1.34	<1.28	<1.35	<2.47	53900
OPQ1W	49	13DCC	11/22/85 09:45	<15.2			NA	NA	NA	NA	NA	NA	NA		NA	NA	84200
OPQ1W	77	13DCC	12/20/85 11:00	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34		<1.35	<2.47	88700
OPSW	10	13DCC	04/02/86 12:30	<15.2			<4.70	<4.20	<11.7	<11.3	<20.0	<1.21	<1.34	<1.28	<1.35	<2.47	111000
T44OS2	10	13DCC	03/26/87 14:14	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	96800
T44OS3	10	13DCC	06/17/87 12:52	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	78100
OPQ1W	48	14BDD	12/14/85 10:00	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34		<1.35	<2.47	142000
OPSW	9	14BDD	04/02/86 14:00	<15.2			<4.70	<4.20	<11.7	<11.3	<20.0	<1.21	<1.34	<1.28	<1.35	<2.47	157000
OPSW2	9	14BDD	06/16/86 14:40	<15.2		<1.00	<4.70	<4.20	<1.30	2.21	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	295000
T44OS1	9	14BDD	12/16/86 13:21	<15.2	<2.00	<1.00	5.20	<4.20	<1.30	2.76	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	286000
T44OS2	9	14BDD	03/26/87 15:20	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	147000
T44OS3	9	14BDD	06/17/87 13:20	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	131000
T44OS4	9	14BDD	10/12/87 16:49	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	185000
OPSW	7	22CAA	04/15/86 10:45	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	50500
OPSW2	7	22CAA	06/16/86 10:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	61100
OPS3	7	22CAA	09/05/86 11:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	51500
T44OS2	7	22CAA	04/08/87 11:11	<15.2	NA	NA	NA	NA	NA	NA	NA	<1.21	<1.34	<1.28	<1.35	<2.47	70500
T44OS3	7	22CAA	06/17/87 09:26	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	59900
T44OS4	7	22CAA	10/23/87 09:41	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	51400
T4-SW	19	24-001	12/12/85 11:44	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	60200
T4SW2	20	24-001	06/30/86 14:05	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	147000
T4SW3	20	24-001	09/02/86 10:40	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	64500
T44SW3	20	24-001	05/15/87 09:30	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.28	<1.35	<2.47	60500
T44SW4	45	24-001	10/22/87 09:00	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	60400
T4-SW	20	24-002	12/12/85 11:20	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	95800
T4SW3	22	24-003	09/02/86 10:11	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	206000
T44SW3	33	24-007	05/15/87 08:40	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.28	<1.35	<2.47	65700
T44SW3	34	24-008	05/15/87 10:25	<15.2	<1.14	<1.16	<2.24	<1.98	<1.08	<1.59	<1.35	<1.21	<1.34	<1.28	<1.35	<2.47	247000
T44SW4	49	24-008	10/22/87 09:55	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.28	<1.35	<2.47	305000

DESN

PARAMETER:					PL	SO4	CCL4	CHCL3	CLCGBS	BRDHYLCL	TCLEE	11DCLE	11DCE	111TCE	112TCE	12DCLE	T12DCE	TBCLE
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T44SW4	43	11-000	10/29/87	10:31	<1220	14400	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	14	12-001	12/20/85	11:10	<1200		<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	15	12-001	07/01/86	13:00	<1200	18400	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	15	12-001	09/02/86	14:20	<1200	16400	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	15	12-001	05/19/87	10:04	<1220	35300	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	16	12-002	07/01/86	13:22	<1200	16100	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	16	12-002	09/02/86	14:50	<1200	16000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	16	12-002	10/22/87	13:40	1640	<10000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	17	12-004	12/20/85	11:55	<1200		<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	18	12-004	09/03/86	10:17	<1200	17300	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	18	12-004	05/19/87	10:41	1470	76800	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	19	12-005	07/02/86	11:05	<1200	59100	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	19	12-005	05/19/87	13:17	1470	326000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	19	12-005	10/30/87	07:51	<1220	118000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPQ1W	42	12AAB	11/19/85	14:15	<1200		<2.40	<1.40	<0.580		<1.30						<1.20	<5.50
OPSW2	3	12AAB	06/16/86	12:45	<1200	85700	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	3	12AAB	09/05/86	12:51	<1200	163000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS1	3	12AAB	12/17/86	11:15	<1200	193000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS2	3	12AAB	03/27/87	10:31	<1200	193000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS3	3	12AAB	06/17/87	11:34	<1220	84700	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS4	3	12AAB	09/24/87	11:23	<1220	199000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW	3	12ABB	04/07/86	12:45	<1200	121000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPQ1W	49	13DCC	11/22/85	09:45	<1200		NA	NA	NA		NA						NA	NA
OPQ1W	77	13DCC	12/20/85	11:00	<1200		<2.40	<1.40	<0.580		<1.30						<1.20	<1.10
OPSW	10	13DCC	04/02/86	12:30	<1200	201000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS2	10	13DCC	03/26/87	14:14	<1200	268000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS3	10	13DCC	06/17/87	12:52	<1220	254000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPQ1W	48	14BDD	12/14/85	10:00	1470		<2.40	<1.40	<0.580		<1.30						<1.20	<1.10
OPSW	9	14BDD	04/02/86	14:00	1460	388000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	9	14BDD	06/16/86	14:40	1780	410000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS1	9	14BDD	12/16/86	13:21	1560	396000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS2	9	14BDD	03/26/87	15:20	1200	328000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	0.754	<1.20	<1.10
T44OS3	9	14BDD	06/17/87	13:20	1290	288000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS4	9	14BDD	10/12/87	16:49	1910	369000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW	7	22CAA	04/15/86	10:45	<1200	104000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	7	22CAA	06/16/86	10:00	<1200	118000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	7	22CAA	09/05/86	11:00	<1200	102000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS2	7	22CAA	04/08/87	11:11	<1220	136000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS3	7	22CAA	06/17/87	09:26	<1220	98600	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS4	7	22CAA	10/23/87	09:41	<1220	127000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	19	24-001	12/12/85	11:44	<1200		<2.40	4.85	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW2	20	24-001	06/30/86	14:05	1280	99000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SW3	20	24-001	09/02/86	10:40	<1200	42900	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW3	20	24-001	05/15/87	09:30	<1220	49200	<2.40	11.4	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SW4	45	24-001	10/22/87	09:00	<1220	31200	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SW	20	24-002	12/12/85	11:20	<1200		<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<5.00	<0.610	<1.20	<5.50
T4SW3	22	24-003	09/02/86	10:11	1830	463000	<2.40	<1.40	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1 10
T44SW3	33	24-007	05/15/87	08:40	<1220	210000	<2.40	<1.4*	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1 **
T44SW3	34	24-008	05/15/87	10:25	1720	446000	<2.40	<1	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<
T44SW4	49	24-008	10/22/87	09:55	1830	410000	<2.40	<1..	<0.580	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1

RESW

PARAMETER:					BOD	SP COND	FIELD PH
UNITS:					MG/L AS O	UMHOS/CM	STD UNITS
FLD.GRP.	#	SAMPLE ID	DATE	TIME			
T44SW4	43	11-004	10/29/87	10:31	10.1		
T4-SW	14	12-001	12/20/85	11:10			
T4SW2	15	12-001	07/01/86	13:00		170	10.4
T4SW3	15	12-001	09/02/86	14:20		142	10.2
T44SW3	15	12-001	05/19/87	10:04	30.3		
T4SW2	16	12-002	07/01/86	13:22		153	9.80
T4SW3	16	12-002	09/02/86	14:50		133	9.90
T44SW4	16	12-002	10/22/87	13:40	<10.0		
T4-SW	17	12-004	12/20/85	11:55			
T4SW3	18	12-004	09/03/86	10:17		122	8.03
T44SW3	18	12-004	05/19/87	10:41	250		
T4SW2	19	12-005	07/02/86	11:05		508	8.54
T44SW3	19	12-005	05/19/87	13:17	3150		
T44SW4	19	12-005	10/30/87	07:51	4860		
OPQ1W	42	12AAB	11/19/85	14:15		958	7.80
OPSW2	3	12AAB	06/16/86	12:45	1230	415	7.54
OPS3	3	12AAB	09/05/86	12:51	3650	938	7.84
T44OS1	3	12AAB	12/17/86	11:15	1820	683	7.93
T44OS2	3	12AAB	03/27/87	10:31	2320	1110	8.00
T44OS3	3	12AAB	06/17/87	11:34	1800		
T44OS4	3	12AAB	09/24/87	11:23	2330		
OPSW	3	12ABB	04/07/86	12:45	1010	685	7.51
OPQ1W	49	13DCC	11/22/85	09:45			
OPQ1W	77	13DCC	12/20/85	11:00		1240	7.74
OPSW	10	13DCC	04/02/86	12:30	<10.0	1300	8.75
T44OS2	10	13DCC	03/26/87	14:14	416	1260	8.10
T44OS3	10	13DCC	06/17/87	12:52	249		
OPQ1W	48	14BDD	12/14/85	10:00		1700	8.66
OPSW	9	14BDD	04/02/86	14:00	860	1490	8.37
OPSW2	9	14BDD	06/16/86	14:40	11.5	2010	8.45
T44OS1	9	14BDD	12/16/86	13:21	<10.0	1510	8.70
T44OS2	9	14BDD	03/26/87	15:20	<10.0	1520	8.64
T44OS3	9	14BDD	06/17/87	13:20	35.9		
T44OS4	9	14BDD	10/12/87	16:49	NA		
OPSW	7	22CAA	04/15/86	10:45	458	633	8.50
OPSW2	7	22CAA	06/16/86	10:00	339	636	8.50
OPS3	7	22CAA	09/05/86	11:00	770	600	9.06
T44OS2	7	22CAA	04/08/87	11:11	1100	850	9.14
T44OS3	7	22CAA	06/17/87	09:26	485		
T44OS4	7	22CAA	10/23/87	09:41	837		
T4-SW	19	24-001	12/12/85	11:44			
T4SW2	20	24-001	06/30/86	14:05		985	7.70
T4SW3	20	24-001	09/02/86	10:40		505	7.80
T44SW3	20	24-001	05/15/87	09:30	3660		
T44SW4	45	24-001	10/22/87	09:00	2910		
T4-SW	20	24-002	12/12/85	11:20			
T4SW3	22	24-003	09/02/86	10:11		1940	8.00
T44SW3	33	24-007	05/15/87	08:40	230		
T44SW3	34	24-008	05/15/87	10:25	21.8		
T44SW4	49	24-008	10/22/87	09:55	28.4		

BISH

PARAMETER: UNITS: FLD.GRP.	#	SAMPLE ID	DATE	TIME	SAM TYPE	S TECH	INSTAL SAMPLE	DEPTH CM	SITE TYPE	ARSENIC UG/L	B UG/L	CADMIUM UG/L	CR UG/L	COPPER UG/L	LEAD UG/L	ZINC UG/L	CA UG/L	MG UG/L
T4-SW	33	30-002	12/12/85	13:00	SW	G	BI	0.0	STRM									
T4SW2	27	30-002	06/30/86	14:35	SW	G	BI	0.0	DTCH									
T4SW3	35	30-002	09/02/86	11:13	SW	G	BI	0.0	STRM									
T44SW3	27	30-002	05/20/87	12:35	SW	G	BI	0.0	STRM	<2.50	7700	<5.16	<5.96	<7.94	<10.6	<20.1	87200	24900
T44SW4	50	30-002	10/22/87	10:20	SW	G	BI	0.0	STRM	<3.07	4290	<5.16	<5.96	<7.94	<10.6	<20.1	115000	37000
T4-SW	27	31-001	12/12/85	12:37	SW	G	BI	0.0	DTCH									
T4SW2	28	31-001	06/30/86	15:00	SW	G	BI	0.0	DTCH									
T44SW3	28	31-001	05/20/87	13:11	SW	G	BI	0.0	DTCH	<2.50	3500	<5.16	<5.96	<7.94	<10.6	<20.1	63900	30400
T44SW4	28	31-001	10/22/87	11:00	SW	G	BI	0.0	DTCH	<3.07	7160	<5.16	<5.96	10.1	<10.6	<20.1	107000	50100
T4SW2	29	31-002	07/01/86	11:50	SW	G	BI	0.0	STRM									
T4SW3	29	31-002	09/02/86	11:51	SW	G	BI	0.0	STRM									
T44SW3	29	31-002	05/27/87	12:57	SW	G	BI	0.0	STRM	7.27	7430	<5.16	<5.96	<7.94	<10.6	<20.1	97000	23200
T44SW4	29	31-002	10/22/87	11:30	SW	G	BI	0.0	STRM	<3.07	6470	<5.16	<5.96	<7.94	<10.6	<20.1	82000	28300
OPQ1W	47	33ABB	12/12/85	10:00	SW	G	BI	0.0	LAKE									
OPSW	8	33ABB	04/15/86	08:30	SW	G	BI	0.0	LAKE	<3.90	2430	<5.20	<6.00	<7.90	<10.5	<20.1	64500	13800
OPSW2	8	33ABB	06/16/86	12:00	SW	G	BI	0.0	LAKE	<3.90	2300	<5.20	<6.00	<7.90	<10.5	36.2	69000	11900
OPS3	8	33ABB	09/05/86	11:40	SW	G	BI	0.0	LAKE	<3.90	4430	<5.20	<6.00	<7.90	<10.5	<20.1	131000	13000
T44OS1	8	33ABB	12/17/86	09:40	SW	G	BI	0.0	LAKE	<3.90	4030	<5.16	<11.9	<7.94	<10.6	28.3	82000	14700
T44OS2	8	33ABB	04/08/87	12:11	SW	G	BI	0.0	LAKE	<2.50	4240	<5.16	<5.96	<7.94	<10.6	39.8	61000	13100
T44OS3	8	33ABB	06/17/87	10:48	SW	G	BI	0.0	LAKE	<3.07	2160	<5.16	<5.96	<7.94	<10.6	29.1	31300	7290
T44OS4	8	33ABB	10/23/87	10:55	SW	G	BI	0.0	LAKE	<3.07	4010	<5.16	7.68	<7.94	<10.6	<20.1	75900	16100
T44SW3	39	35-003	05/20/87	10:36	SW	G	BI	0.0	BASN	703	11500	<5.16	<5.96	10.5	<10.6	<20.1	73600	8970
T4-SW	31	36-001	12/09/85	10:12	SW	G	BI	0.0	BASN									
T4SW2	32	36-001	07/02/86	09:20	SW	G	BI	0.0	BASN									
T4SW3	32	36-001	08/12/86	13:10	SW	G	BI	0.0	BASN									
T44SW3	32	36-001	05/27/87	09:21	SW	G	BI	0.0	DTCH	266	4020	<5.16	<5.96	<7.94	<10.6	<20.1	55600	18000
T44SW4	32	36-001	10/30/87	09:31	SW	G	BI	0.0	DTCH	382	3940	<5.16	<5.96	<7.94	<10.6	<20.1	61700	24900
T4SW3	33	36-003	08/12/86	13:39	SW	G	BI	0.0										
T44SW3	37	36-003	05/27/87	10:11	SW	G	BI	0.0	BASN	1240	4430	6.72	<5.96	9.92	<10.6	<20.1	33100	1370

BLSN

PARAMETER:					BA	MERCURY	DDCP	DCPD	BIBE	BCCPD	P,P'-DDT	P,P'-DDE	ALDRIN	DIELDRIN	ENDRIN	ISOBRIN	CHLORDANE	DIMP
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T4-SW	33	30-002	12/12/85	13:00			<0.130	<9.31	<13.0	NA	<0.070	<0.050	<0.070	<0.060	<0.050	<0.060		<10.0
T4SW2	27	30-002	06/30/86	14:35			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	35	30-002	09/02/86	11:13			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	27	30-002	05/20/87	12:35	89100	<0.359	<0.130	<16.2	<12.9	<0.003	<0.059	<0.046	<0.003	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	50	30-002	10/22/87	10:20	148000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4-SW	27	31-001	12/12/85	12:37			<0.130	<9.31	<13.0	NA	<0.070	<0.050	0.080	<0.060	<0.050	<0.060		<10.0
T4SW2	28	31-001	06/30/86	15:00			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	28	31-001	05/20/87	13:11	90300	<0.359	<0.130	<16.2	<12.9	<0.003	<0.059	<0.046	<0.003	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	28	31-001	10/22/87	11:00	132000		0.0	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW2	29	31-002	07/01/86	11:50			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T4SW3	29	31-002	09/02/86	11:51			<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	29	31-002	05/27/87	12:57	82100	<0.359	<0.130	<9.31	<12.9	<0.003	<0.059	<0.046	<0.003	<0.055	<0.060	<0.056	<0.152	<10.5
T44SW4	29	31-002	10/22/87	11:30	100000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPQ1W	47	33ABB	12/12/85	10:00			<0.130	<9.31					0.100	<0.060	0.400	<0.060		<10.0
OPSW	0	33ABB	04/15/86	08:30	50600	<0.240	<0.130	NA	NA	<0.070	<0.053	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPSW2	0	33ABB	06/16/86	12:00	45100	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
OPS3	0	33ABB	09/05/86	11:40	123000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS1	0	33ABB	12/17/86	09:40	101000	<0.500	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS2	0	33ABB	04/08/87	12:11	60800	<0.359	<0.130	<9.31	<12.9	NA	NA	NA	NA	NA	NA	NA		<10.5
T44OS3	0	33ABB	06/17/87	10:48	25000	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44OS4	0	33ABB	10/23/87	10:55	65800	<0.240	<0.130	<9.31	<12.9	<0.070	<0.070	<0.053	<0.070	<0.060	<0.052	<0.060		<10.5
T44SW3	39	35-003	05/28/87	10:36	456000	<0.359	<0.130	<9.31	<12.9	<0.211	<0.097	<0.037	<0.146	4.10	1.54	<0.109	<0.233	120
T4-SW	31	36-001	12/09/85	10:12			140	70.2	2800	NA	<7.00	<5.00	<7.00	<6.00	<5.00	<6.00		32.0
T4SW2	32	36-001	07/02/86	09:20			>2.20	17.8	839	2.45	<0.700	<0.530	3.07	3.75	1.55	<0.600		<10.5
T4SW3	32	36-001	08/12/86	13:10			45.7	<9.31	304	1.25	<0.700	<0.530	0.903	5.54	1.39	<0.600		<10.5
T44SW3	32	36-001	05/27/87	09:21	86400	<0.359	66.9	31.5	>104	<4.15	<2.95	<2.30	<4.15	10.8	5.16	<2.80	<7.60	<10.5
T44SW4	32	36-001	10/30/87	09:31	136000	<0.240	<26.0	11.6	258	<1.40	<1.40	<1.06	<0.700	>20.0	<1.04	<1.20		<10.5
T4SW3	33	36-003	08/12/86	13:39			<0.130	<9.31	<12.9	<0.700	<0.700	<0.530	4.98	43.3	14.9	<0.600		<10.5
T44SW3	37	36-003	05/27/87	10:11	242000	<0.359	<0.130	<9.31	<12.9	<0.30	<5.90	<4.60	<0.30	47.9	9.63	<5.60	<15.2	27.6

DISH

PARAMETER:					DUMP	BTZ	BUDS	CPBSO2	CPBSO	CPBS	1,4-DITH	1,4-OTAT	TOLUEN	BENZENE	ETHYLBENZ	B-ITL	O&P-ITL	CL
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	B	SAMPLE ID	DATE	TIME														
T4-SW	33	30-002	12/12/85	13:00	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	85400
T4SW2	27	30-002	06/30/86	14:35	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	112000
T4SW3	35	30-002	09/02/86	11:13	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	115000
T44SW3	27	30-002	05/20/87	12:35	<15.2	<1.14	<1.16	<2.24	<1.98	<1.00	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	52500
T44SW4	58	30-002	10/22/87	10:20	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	94700
T4-SW	27	31-001	12/12/85	12:37	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.00	<1.35	<2.47	77200
T4SW2	28	31-001	06/30/86	15:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	73000
T44SW3	28	31-001	05/20/87	13:11	<15.2	<1.14	<1.16	<2.24	<1.98	<1.00	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	63800
T44SW4	28	31-001	10/22/87	11:00	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	
T4SW2	29	31-002	07/01/86	11:50	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	60400
T4SW3	29	31-002	09/02/86	11:51	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	82100
T44SW3	29	31-002	05/27/87	12:57	<15.2	<1.14	<1.16	<2.24	<1.98	<1.00	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	50100
T44SW4	29	31-002	10/22/87	11:30	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	65100
OPQ1W	47	33ABB	12/12/85	10:00	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34		<1.35	<2.47	54800
OPSW	8	33ABB	04/15/86	08:30	<15.2			<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	51300
OPSW2	8	33ABB	06/16/86	12:00	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	38600
OPS3	8	33ABB	09/05/86	11:40	<15.2		<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	55300
T44OS1	8	33ABB	12/17/86	09:40	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	97800
T44OS2	8	33ABB	04/08/87	12:11	<15.2	NA	NA	NA	NA	NA	NA	NA	<1.21	<1.34	<1.20	<1.35	<2.47	55700
T44OS3	8	33ABB	06/17/87	10:40	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	24200
T44OS4	8	33ABB	10/23/87	10:55	<15.2	<2.00	<1.00	<4.70	<4.20	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	52400
T44SW3	39	35-003	05/20/87	10:36	<15.2	<1.14	<1.16	162	16.7	<1.00	<1.59	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	621000
T4-SW	31	36-001	12/09/85	10:12	<15.2			>110	26.0	26.0	<1.10	<2.00	31.0	40.3	6.00	<1.35	286	163000
T4SW2	32	36-001	07/02/86	09:20	17.3		<1.00	1540	87.1	0.20	<1.10	<2.00	41.2	20.2	102	<1.35	264	164000
T4SW3	32	36-001	08/12/86	13:10	<15.2		<1.00	1350	58.2	4.47	<1.10	<2.00	1.09	1.72	<1.20	<1.35	73.9	
T44SW3	32	36-001	05/27/87	09:21	<15.2	<1.14	<1.16	797	61.7	44.3	<1.59	<1.35	>8.09	176	>8.09	<1.35	>10.1	72600
T44SW4	32	36-001	10/30/87	09:31	<15.2	<2.00	<1.00	1870	58.6	>25.3	1.46	<2.00	<12.1	30.9	>89.0	<13.5	123	132000
T4SW3	33	36-003	08/12/86	13:39	<15.2		<1.00	200	12.2	<1.30	<1.10	<2.00	<1.21	<1.34	<1.20	<1.35	<2.47	
T44SW3	37	36-003	05/27/87	10:11	<15.2	<1.14	<1.16	135	25.5	<1.00	3.57	<1.35	<1.21	<1.34	<1.20	<1.35	<2.47	252000

DESH

PARAMETER UNITS: FLD GRP.	#	SAMPLE ID	DATE	TIME	PL UG/L	SO4 UG/L	CCL4 UG/L	CHCL3 UG/L	CL6BS UG/L	METHYLCL UG/L	TCLEE UG/L	11DCLE UG/L	11DCE UG/L	111TCE UG/L	112TCE UG/L	12DCLE UG/L	T12DCE UG/L	TDCLE UG/L
T4-SU	33	30-002	12/12/85	13:00	<1200		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SU2	27	30-002	06/30/86	14:35	<1200	314000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SU3	35	30-002	09/02/86	11:13	<1200	295000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU3	27	30-002	05/28/87	12:35	<1220	163000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU4	50	30-002	10/22/87	10:20	<1220	315000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SU	27	31-001	12/12/85	12:37	1440		<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SU2	28	31-001	06/30/86	15:00	1600	137000	<2.40	<1.40	1.75	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU3	28	31-001	05/28/87	13:11	1470	150000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU4	28	31-001	10/22/87	11:00			<2.40	<1.40	<0.500	<5.00	<1.20	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SU2	29	31-002	07/01/86	11:50	<1200	117000	<2.40	3.56	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4SU3	29	31-002	09/02/86	11:51	<1200	126000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU3	29	31-002	05/27/87	12:57	<1220	146000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU4	29	31-002	10/22/87	11:30	<1220	161000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPW1W	47	33BBB	12/12/85	10:00	<1200		<2.40	3.08	<0.500		<1.30						<1.20	<1.10
OPSW	8	33BBB	04/15/86	09:30	<1200	94200	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPSW2	8	33BBB	06/16/86	12:00	<1200	96500	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
OPS3	8	33BBB	09/05/86	11:40	<1200	99300	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS1	8	33BBB	12/17/86	09:40	<1200	176000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS2	8	33BBB	04/08/87	12:11	<1220	112000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS3	8	33BBB	06/17/87	10:40	<1220	41800	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44OS4	8	33BBB	10/23/87	10:55	<1220	138000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU3	39	35-003	05/28/87	10:36	1620	464000	<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T4-SU	31	36-001	12/09/85	10:12	1480		<2.40	561	1700	<5.00	130	<1.20	4.70	2.70	4.10	<0.610	9.81	62.0
T4SU2	32	36-001	07/02/86	09:20	1490	110000	<2.40	567	1570	7.05	90.1	<1.20	5.32	3.25	5.93	<0.610	11.3	49.7
T4SU3	32	36-001	08/12/86	13:10			<2.40	204	15.8	<5.00	43.1	<1.20	1.70	<1.70	2.12	<0.610	3.41	19.7
T44SU3	32	36-001	05/27/87	09:21	<1220	73900	<2.40	641	1210	<5.00	85.3	<1.20	5.70	2.66	3.96	<0.610	12.2	43.8
T44SU4	32	36-001	10/30/87	09:31	1420	59500	<2.40	188	1010	<5.00	66.6	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	61.3
T4SU3	33	36-003	08/12/86	13:39			<2.40	<1.40	<0.500	<5.00	<1.30	<1.20	<1.10	<1.70	<1.00	<0.610	<1.20	<1.10
T44SU3	37	36-003	05/27/87	10:11	1340	208000	<2.40	2.14	3.82	<5.00	<1.30	<1.20	<1.10	<1.70	6.85	6.14	<1.20	<1.10

DLSH

PARAMETER:						BOD	SP COND	FIELD PH
UNITS:						MG/L 65 D	UMHOS/CM	STD UNITS
FLD GRP	#	SAMPLE ID	DATE	TIME				
T4-SU	33	30-002	12/12/05	13:00				
T4SU2	27	30-002	06/30/06	14:35			1460	8.29
T4SU3	35	30-002	09/02/06	11:13			1470	8.20
T44SU3	27	30-002	05/20/07	12:35		479		
T44SU4	50	30-002	10/22/07	10:20		1770		
T4-SU	27	31-001	12/12/05	12:37				
T4SU2	28	31-001	06/30/06	15:00			1160	7.64
T44SU3	28	31-001	05/20/07	13:11		5060		
T44SU4	28	31-001	10/22/07	11:00				
T4SU2	29	31-002	07/01/06	11:50			872	8.73
T4SU3	29	31-002	09/02/06	11:51			823	9.20
T44SU3	29	31-002	05/27/07	12:57		749		
T44SU4	29	31-002	10/22/07	11:30		40.1		
BPU1U	47	33UBD	12/12/05	10:00			780	8.11
BPSU	8	33UBD	04/15/06	08:30		790	610	8.09
BPSU2	8	33UBD	06/15/06	12:00		1640	519	7.60
BPS3	8	33UBD	09/05/06	11:40		2640	650	8.06
T40051	8	33UBB	12/17/06	09:40		2750	850	8.00
T40052	8	33UBB	04/08/07	12:11		1760	740	7.82
T40053	8	33UBB	06/17/07	10:40		809		
T40054	8	33UBB	10/23/07	10:55		2470		
T44SU3	39	35-003	05/20/07	10:36		30.7		
T4-SU	31	36-001	12/09/05	10:12				
T4SU2	32	36-001	07/02/06	09:20			1350	7.95
T4SU3	32	36-001	08/12/06	13:10			1110	8.57
T44SU3	32	36-001	05/27/07	09:21		1760		
T44SU4	32	36-001	10/30/07	09:31		55.7		
T4SU3	33	36-003	08/12/06	13:39			4930	9.70
T44SU3	37	36-003	05/27/07	10:11		432		

Tide

APPENDIX B.2: ALLUVIAL WATER LEVEL DATA

THIRD QUARTER FY1987 WATER TABLE MAP DATA

RMA_Data_Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 1 of 13)

Well_ID	Water Level Elevation
01001	5249.8
01002	-999.9
01004	5248.8
01009	0.0
01010	5255.8
01011	5257.3
01017	5252.6
01020	-999.9
01021	5247.4
01024	5235.0
01027	5246.6
01033	5249.5
01041	5247.6
01044	5247.5
01049	5245.4
01501	5260.6
01510	5254.0
01514	5260.6
01518	5261.3
01528	5256.7
02001	5223.0
02002	5236.3
02008	5195.7
02011	5207.0
02014	5195.7
02017	-999.9
02020	5220.3
02023	5224.9
02026	5222.6
02034	5227.6
02037	5221.3
02040	5213.8
02049	5193.9
02520	5194.1
03001	5135.4
03002	5139.6
03005	5175.1
03516	5125.4
03517	5125.9
03518	5126.2
03519	-999.9
03522	5132.7
03523	5141.6
04007	5122.7
04010	5127.6
04013	5123.2
04014	5123.2

RMA_Data_Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 3 of 13)

Well_ID	Water Level Elevation
19001	5170.1
19004	5158.7
19008	-999.9
19009	-999.9
19010	-999.9
19014	-999.9
22002	5095.7
22003	5093.7
22004	5106.8
22005	5087.5
22006	5109.1
22007	5107.9
22008	5092.7
22010	5093.1
22011	5111.7
22012	5143.7
22014	-999.9
22015	5087.4
22016	5087.3
22017	5087.4
22018	5087.8
22019	5092.2
22020	5093.2
22021	5093.3
22022	5093.4
22025	-999.9
22029	-999.9
22033	5093.5
22034	5093.3
22036	5093.4
22040	5092.3
22043	5093.1
22045	5092.7
22049	5110.3
22050	5106.9
22051	5086.4
22052	5089.9
22053	5091.2
22054	5112.3
22056	5093.2
22059	5087.2
22060	5106.2
23002	5142.9
23003	5142.9
23004	5141.5
23006	5143.0
23007	5142.9

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 4 of 13)

Well ID	Water Level Elevation
23008	5143.7
23009	5141.4
23010	5140.1
23011	5140.8
23012	5141.4
23013	5142.7
23014	5142.7
23015	5142.9
23016	5142.9
23020	0.0
23025	5139.1
23026	5138.8
23029	5140.9
23030	5140.7
23033	5141.2
23034	5144.0
23035	-999.9
23036	5142.6
23037	0.0
23038	-999.9
23039	5118.9
23040	5130.2
23043	5131.0
23044	5131.0
23045	5128.5
23046	5126.7
23047	5126.8
23048	5127.2
23049	5143.7
23050	5141.6
23051	5141.8
23052	5141.9
23057	5142.8
23058	5141.7
23059	5146.9
23063	-999.9
23064	-999.9
23065	-999.9
23066	-999.9
23067	5142.6
23072	5141.6
23079	5143.0
23084	5141.2
23085	5139.9
23092	5129.1
23094	5142.7
23095	5142.7
23096	5142.3

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map
(Page 5 of 13)

Well ID	Water Level Elevation
23101	5142.1
23102	5142.0
23107	5143.4
23108	5142.9
23109	-999.9
23110	5127.9
23111	5130.5
23118	5138.5
23119	5139.4
23120	5138.6
23121	5138.6
23122	5139.1
23123	5139.4
23124	5134.1
23128	-999.9
23129	-999.9
23130	-999.9
23131	-999.9
23132	-999.9
23134	5141.8
23135	5145.6
23136	-999.9
23137	-999.9
23140	5142.7
23141	-888.8
23142	5142.6
23143	5142.6
23145	5140.0
23146	5140.2
23148	5141.1
23149	-999.9
23150	5140.6
23151	5140.7
23157	5139.1
23160	5140.8
23166	5134.0
23178	5136.6
23179	5142.6
23188	5142.5
23191	5142.8
23196	5122.6
23197	5125.4
23198	5127.5
23205	5139.1
23207	5140.0
23208	5140.5
23211	5140.4
24001	5141.6

RMA_Data_Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 6 of 13)

Well_ID	Water Level Elevation
24002	5143.3
24003	5147.4
24004	5132.7
24006	-999.9
24007	5141.1
24008	5141.7
24009	5141.6
24010	5141.9
24011	-999.9
24013	5139.8
24014	5140.1
24015	5139.9
24016	5139.4
24017	5139.6
24018	5140.1
24019	5140.7
24020	5140.3
24021	5139.8
24022	5140.0
24023	5140.5
24024	5139.7
24025	5139.2
24026	0.0
24027	5142.3
24040	0.0
24043	5143.2
24045	5141.7
24046	5141.5
24048	5141.4
24049	5141.3
24050	5142.0
24051	5142.0
24052	5142.1
24053	5142.1
24054	0.0
24055	5141.6
24056	5138.5
24057	5139.4
24058	5139.8
24062	5139.6
24064	5151.8
24065	5154.6
24067	0.0
24081	5164.5
24085	5166.1
24088	5162.3
24092	5139.6
24093	5154.2

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
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Well ID		Water Level Elevation
24094		5157.2
24095		5157.4
24096		5151.5
24097		5149.4
24098		5147.8
24099		5144.3
24100		5143.3
24101		5140.5
24102		5141.6
24103		5141.4
24104		5142.9
24105		5143.8
24106		5145.5
24107		5150.2
24110		-999.9
24111		5158.8
24112		5162.0
24113		5141.2
24114		5140.4
24115		5140.4
24117		5140.5
24121		5143.7
24122		5156.9
24123		5157.0
24128		5140.0
24129		5140.2
24149		5137.8
24150		5136.2
24151		5139.5
24158		5151.4
24161		5132.0
24162		5133.4
24163		5134.8
24164		5135.6
24165		5133.7
24166		5131.8
24169		5133.1
24170		5138.3
24176		5135.3
24177		-999.9
24178		5139.1
24179		5138.6
24180		5138.2
24181		5137.8
24182		5137.6
24183		5136.7
24185	B-88	5138.3
24186		5137.9

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map. (Page 8 of 13)

Well ID	Water Level Elevation
24167	5137.9
24188	5138.5
25001	5193.7
25002	-999.9
25003	5152.8
25011	5181.2
25015	5160.3
25018	5166.6
25022	5213.2
25030	-999.9
25035	5230.3
25038	5192.6
26001	-999.9
26002	5150.4
26004	-999.9
26005	5158.6
26006	5160.7
26009	5128.7
26010	5163.2
26011	5146.3
26015	5145.5
26016	5146.3
26017	5146.8
26018	5146.1
26020	5149.4
26040	5147.7
26044	5144.4
26046	5145.5
26048	5150.4
26049	5151.5
26050	5157.7
26062	5163.9
26065	5163.5
26068	5160.0
26070	-999.9
26073	5177.2
26076	5151.8
26078	-999.9
26081	5148.7
26083	5151.0
26085	5180.2
26088	5143.9
26091	5155.7
26093	5162.5
26124	5155.0
26126	5147.4
26127	5163.8
26133	5146.6

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
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Well_ID	Water Level Elevation
26143	5175.9
26145	-999.9
27002	5095.3
27003	5098.0
27004	5093.9
27005	5094.1
27006	5094.2
27007	5095.2
27008	5095.3
27009	5095.7
27010	5093.1
27011	5093.3
27012	-999.9
27013	-999.9
27015	-999.9
27016	5145.6
27017	5148.4
27018	5148.0
27019	-999.9
27024	5126.1
27025	5126.3
27026	5125.8
27028	-999.9
27030	5140.4
27031	5119.2
27032	-999.9
27034	-999.9
27037	5103.6
27040	5121.3
27041	5114.0
27042	5107.0
27043	5104.4
27044	5100.5
27045	5094.7
27050	-999.9
27051	5128.8
27053	5103.2
27056	-999.9
27059	-999.9
27062	5093.8
27063	5094.1
27064	5094.1
27066	5094.7
27068	5094.2
27070	5094.8
27071	5095.1
27072	5096.2
27073	5097.8

RMA_Data_Base

Wells used to construct the Third Quarter FY 1987 water table contour map. (Page 10 of 13)

Well_ID	Water Level Elevation
27074	5097.1
27075	5096.2
27076	5096.0
27077	5095.7
27078	-888.8
27079	5119.8
27080	5120.0
27082	5111.5
27083	5102.6
28002	5096.2
28003	5096.2
28004	5097.0
28005	5097.6
28006	5097.9
28007	5098.6
28008	5098.9
28009	5099.6
28011	5100.2
28012	5100.5
28013	5100.8
28014	5100.6
28015	5101.4
28018	5101.9
28020	5101.9
28021	5101.9
28022	5103.8
28023	5098.3
28024	5098.3
28027	5101.4
28503	5108.1
28513	5105.2
30002	5171.0
30003	-999.9
30009	5197.3
31003	5231.9
31005	5202.4
31009	5216.6
32001	5233.0
33001	5115.4
33002	5118.7
33014	5102.9
33017	5118.1
33018	5102.8
33019	5103.0
33020	5102.1
33021	5102.9
33022	5103.0
33023	5103.2

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 11 of 13)

Well ID	Water Level Elevation
33024	5103.0
33025	5102.0
33030	5116.7
33033	5110.0
33048	5099.2
33049	5100.1
33050	5101.2
33051	5102.0
33052	5102.2
33053	5102.0
33054	5102.0
33060	5107.8
33061	5107.9
33062	5106.5
33063	5106.9
33064	5111.7
33065	5111.8
33066	5111.4
33067	5111.2
33068	5111.3
33069	5111.4
33070	5103.2
33071	5102.7
33072	5101.6
33073	5101.7
33077	5106.6
33500	5109.8
33501	5118.0
33502	5113.1
33505	5104.0
33506	5103.5
33507	5102.7
33508	-999.9
33509	5103.9
33510	5107.5
33511	5107.8
33512	5107.9
33533	5102.5
33534	5103.1
33576	5115.2
33577	5107.1
33579	5103.9
33580	5103.0
33581	5104.6
33582	5104.0
33583	5108.3
34001	5167.0
34002	5122.0

RMA_Data_Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 12 of 13)

Well_ID	Water Level Elevation
34005	5116.1
34008	5110.9
34515	5120.7
35006	-999.9
35007	5189.0
35018	5188.9
35023	5233.8
35025	5228.5
35026	5225.1
35031	-999.9
35034	-999.9
35037	5167.2
35040	5166.2
35047	5215.6
35048	5219.2
35052	5240.5
35053	5240.1
35058	5182.6
35061	5222.0
35065	5220.3
35069	5220.8
36001	5252.7
36013	5227.6
36017	5227.3
36050	5254.3
36054	5252.4
36060	5242.4
36063	5230.9
36065	5238.0
36067	5235.3
36073	5233.6
36074	5236.7
36075	5245.9
36076	5240.1
36077	5224.0
36081	5229.8
36082	5231.3
36084	5231.3
36085	5231.2
36087	5249.7
36089	5230.0
36091	-999.9
36093	5230.6
36103	-999.9
36109	5243.9
36112	5219.4
36137	5221.1
36141	5222.4

RMA Data Base

Wells used to construct the Third Quarter FY 1987 water table contour map.
(Page 13 of 13)

Well ID	Water Level Elevation
36142	5223.0
36145	5228.5
36147	5217.9
37307	5127.4
37308	5123.1
37309	5119.5
37312	5133.2
37313	5106.2
37320	5101.5
37327	5115.9
37330	5093.0
37331	5093.0
37332	5087.2
37333	5087.5
37334	5091.9
37335	5089.5
37336	5073.4
37337	5068.3
37338	5129.7
37339	5121.3
37340	5102.8
37341	5070.5
37342	5099.8
37343	5106.3
37344	5089.7
37345	5078.0
37346	5080.5
37348	5057.6
37349	5045.4
37350	5041.1
37351	5055.2
37352	5042.6
37353	5036.3
37354	5033.3
37355	5039.9
37356	5019.1
37357	5017.4
37358	5094.7
37359	5085.5
37360	5081.7
37361	5063.0
37362	5129.7
37364	5002.9
37366	5296.9

CDM Data Base

CDM wells used to generate the Third Quarter FY 1987 Water Table Contour Map. (Page 1 of 3)

Well ID	Water Level Elevation
005	5125
008	5124
020	5125
025	5150
028	5153
031	5135
033	5101
034	5110
038	5113
045	5141
046	5115
048	5126
051	5125
052	5103
053	5105
056	5140
060	5146
063	5168
068	5106
071	5132
073	5139
076	5139
5461 Magnolia	5173
5471 Magnolia	5172
6871 Monaco	5131
7060 Holly	5121
7080 Kearney	5125
7091 Leyden	5125
7382-82PL	5104
CSF-101	5132
CSF-107	5133
CSF-110	5143
FIT-IM-MW-1	5174
FIT-IM-MW-2	5156
FIT-IM-MW-3	5156
FIT-IM-MW-4	5153
FIT-IM-MW-4B	5153
FIT-IM-WP-1	5175
FIT-IM-WP-2	5155
FIT-MW-1	5220
FIT-MW-10	5192
FIT-MW-11	5190
FIT-MW-12	5183
FIT-MW-2	5217
FIT-MW-3	5208
FIT-MW-4	5202
FIT-MW-5	5191

CDM Data Base

CDM wells used to generate the Third Quarter FY 1987 Water Table Contour Map. (Page 2 of 3)

Well ID		Water Level Elevation
FIT-MW-6		5192
FIT-MW-7		5188
FIT-MW-8		5178
FIT-MW-9		5199
HRS-10		5099
HRS-11		5097
HRS-12		5095
HRS-46		5139.3
HRS-48		5144
HRS-51		5239.2
HRS-55		5133
HRS-59		5141
HRS-69		5169
HRS-70		5143
HRS-72		5124
HRS-80		5120
HRS-85		5106
HRS-86		5102
LI-GW-4		5111
LI-GW-5		5110.8
MA-MW-1		5113
MA-MW-2		5112
MA-MW-3		5110
MA-MW-4		5110
NMW-1		5156
NMW-10		5156
NMW-15		5149
NMW-16		5147
NMW-17		5147
NMW-18		5147
NMW-19		5155
NMW-2		5156
NMW-20		5156
NMW-21		5156
NMW-22		5156
NMW-23		5155
NMW-24		5156
NMW-3		5156
NMW-4		5156
NMW-5		5155
NMW-6		5154
NMW-7		5154
NMW-9		5152
TAPS-004		5147
TAPS-021		5147
TAPS-031	B-96	5152
TAPS-046		5178
TAPS-049		5171

CDM Data Base

CDM wells used to generate the Third Quarter FY 1987 Water Table Contour Map. (Page 3 of 3)

Well ID	Water Level Elevation
TAPS-061	5121
TAPS-073	5104
TAPS-082	5094
TAPS-104	5123
TAPS-126	5121
TAPS-128	5099
TAPS-170	5099

TIME AVERAGED WATER TABLE MAP DATA

RMA Data Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 1 of 12)

Well ID	Water Level Elevation
01001	5250.2
01002	5248.0
01003	5249.3
01004	5248.5
01008	5248.6
01010	5256.4
01011	5257.6
01017	5254.1
01020	5244.8
01021	5247.6
01024	5234.8
01027	5249.9
01033	5249.5
01038	5246.7
01041	5248.0
01044	5248.3
01049	5246.4
01501	5259.3
01513	5257.4
01514	5259.8
01518	5259.7
01527	5259.4
01528	5256.5
02001	5221.4
02002	5235.4
02008	5195.3
02011	5207.0
02014	5194.8
02017	5240.4
02020	5220.2
02023	5222.4
02026	5221.9
02034	5226.7
02037	5219.6
02040	5213.8
02049	5192.3
02520	5194.1
02546	5246.5
03001	5134.5
03002	5129.2
03005	5174.8
03516	5125.0
03517	5125.2
03518	5125.6
03519	5146.9
03521	5172.4
03522	5132.2
03523	5140.8
04007	5121.3

RMA Data Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 2 of 12)

Well ID	Water Level Elevation
04010	5127.1
04013	5122.9
04017	5124.1
04019	5124.6
04021	5122.3
04024	5121.6
04026	5127.0
04038	5119.7
04042	5136.6
04044	5132.0
04524	5138.6
04525	5139.4
06001	5234.4
06002	5249.8
06003	5235.0
07001	5285.1
07003	5276.2
09001	5143.4
09002	5143.5
09005	5153.0
09006	5151.7
09007	5154.2
09008	5171.9
09010	5141.0
09011	5148.7
11002	5235.9
11005	5225.7
11006	5220.1
11007	5228.5
12001	5274.9
12002	5255.2
12005	5247.3
12007	5245.5
12008	5246.8
12009	5247.6
19001	5168.6
19004	5158.3
19008	5165.0
19009	5179.2
19010	5173.4
19014	5164.9
20001	5158.7
22001	5111.0
22003	5093.0
22004	5106.6
22007	5107.9
22008	5092.9

RMA_Data_Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 3 of 12)

Well_ID	Water Level Elevation
22009	5093.2
22010	5092.9
22011	5111.8
22012	5144.4
22014	5143.1
22015	5089.1
22016	5088.9
22017	5089.3
22018	5089.5
22019	5092.7
22025	5110.9
22029	5112.2
22034	5092.7
22035	5091.6
22036	5093.1
22044	5107.6
22045	5093.8
22049	5110.4
22050	5106.4
22051	5092.4
22052	5091.0
22053	5090.8
22054	5112.6
22059	5089.0
22060	5106.2
23002	5143.5
23003	5143.8
23004	5142.5
23006	5143.8
23007	5143.5
23008	5143.9
23009	5142.2
23010	5141.1
23011	5141.8
23012	5142.3
23013	5143.7
23014	5143.3
23015	5143.4
23016	5143.5
23033	5141.9
23036	5143.3
23037	5147.6
23038	5116.5
23039	5121.1
23040	5129.0
23050	5142.9
23051	5142.8
23052	5142.7

RMA Data Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 4 of 12)

Well ID	Water Level Elevation
23057	5141.3
23058	5142.5
23059	5147.1
23063	5132.2
23064	5126.8
23065	5117.6
23066	5114.7
23067	5145.2
23072	5142.4
23073	5[illegible]2.8
23079	5142.9
23082	5143.0
23084	5142.3
23085	5141.5
23094	5143.3
23095	5143.6
23096	5142.6
23101	5143.0
23102	5143.2
23107	5143.5
23108	5143.1
23109	5145.5
23110	5129.7
23111	5131.8
23115	5139.6
23124	5134.9
23128	5146.3
23129	5149.0
23130	5145.4
23131	5147.3
23132	5145.7
23135	5145.7
23136	5149.1
23137	5149.4
23140	5143.3
23141	5146.2
23142	5143.2
23143	5143.4
23147	5144.3
23148	5141.2
23149	5148.3
23150	5141.4
23151	5141.5
23160	5141.3
23166	5135.3
23179	5143.4
23188	5143.3
23191	5143.3

RMA_Data_Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 5 of 12)

Well_ID	Water Level Elevation
23196	5123.5
23197	5126.0
23198	5128.8
23205	5139.4
23206	5139.7
23207	5140.7
23208	5141.2
23211	5141.0
24001	5142.2
24002	5143.9
24003	5147.1
24006	5132.3
24007	5141.7
24008	5142.2
24008	5142.9
24010	5142.9
24011	5145.2
24023	5141.4
24026	5133.8
24027	5143.2
24028	5147.1
24042	5141.6
24048	5142.1
24049	5142.2
24052	5142.2
24053	5143.0
24054	5142.5
24055	5142.6
24064	5151.8
24065	5254.1
24066	5129.3
24067	5115.4
24081	5165.0
24084	5166.5
24085	5165.9
24088	5161.6
24092	5141.7
24093	5154.2
24094	5156.7
24095	5157.3
24096	5151.0
24097	5159.7
24098	5148.1
24099	5144.8
24100	5144.0
24101	5141.1
24102	5141.7

RMA_Data_Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 6 of 12)

Well_ID	Water Level Elevation
24103	5141.9
24104	5142.2
24105	5142.4
24106	5144.4
24107	5148.9
24110	5146.4
24111	5159.2
24112	5161.4
24113	5142.2
24114	5141.2
24115	5141.8
24116	5141.8
24117	5140.4
24121	5144.1
24122	5157.0
24123	5157.1
24158	5150.2
24161	5132.1
24163	5133.6
24164	5133.7
24166	5129.4
24169	5133.5
24173	5131.8
24176	5132.1
24177	5137.1
24178	5139.1
24179	5138.8
24180	5138.6
24181	5138.4
24183	5135.9
24185	5138.7
24186	5137.6
24188	5137.9
25001	5193.9
25002	5251.0
25003	5152.9
25011	5181.4
25015	5161.5
25018	5166.8
25022	5214.1
25030	5188.0
25035	5230.4
25038	5191.7
26001	5144.9
26002	5150.7
26004	5159.9
26005	5159.3

RMA_Data_Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 7 of 12)

Well_ID		Water Level Elevation
26006		5159.0
26007		5153.2
26008		5146.5
26009		5145.5
26010		5163.6
26011		5146.6
26012		5173.0
26014		5146.5
26015		5146.3
26016		5146.6
26017		5147.0
26018		5146.6
26020		5149.9
26026		5159.1
26036		5149.1
26039		5146.8
26040		5147.8
26044		5145.4
26045		5146.2
26046		5145.6
26048		5150.6
26049		5151.6
26050		5158.3
26062		5164.8
26065		5164.0
26068		5160.2
26070		5165.0
26073		5177.5
26076		5152.3
26078		5150.0
26083		5151.2
26085		5180.7
26088		5142.9
26091		5159.1
26092		5149.7
26093		5164.9
26124		5155.4
26125		5146.9
26127		5164.6
26133		5147.0
26143		5175.9
26145		5140.9
27001		5093.2
27002		5094.8
27003		5098.1
27004	B-105	2093.7
27005		5094.2
27006		2094.2

RMA_Data_Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 8 of 12)

Well_ID	Water Level Elevation
27007	5095.1
27008	5095.8
27009	5095.5
27010	5093.2
27011	5093.2
27012	5147.6
27013	5144.8
27014	5147.9
27015	5147.9
27016	5145.8
27017	5148.1
27018	5148.3
27019	5148.6
27024	5125.8
27025	5126.2
27026	5125.0
27027	5124.6
27028	dry
27029	5124.9
27030	5122.1
27031	5108.7
27032	dry
27034	dry
27035	5111.7
27036	5110.1
27037	5103.4
27040	5120.6
27041	5113.5
27042	5106.6
27043	5104.2
27044	5100.3
27050	dry
27051	5128.0
27053	5101.9
27056	5098.7
27059	5127.6
27062	5094.4
27063	5094.2
27072	5096.3
27073	5098.4
27074	5097.1
27075	5096.4
27076	5096.0
27077	5096.0
27078	5095.4
27079	5119.8
27080	5120.1
27081	5119.6

RMA Data Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 9 of 12)

Well ID	Water Level Elevation
27082	5111.7
27083	5103.0
28002	5096.1
28003	5096.1
28004	5096.9
28005	5097.6
28006	5098.0
28007	5098.4
28008	5098.4
28009	5099.0
28010	5099.3
28011	5100.1
28012	5100.4
28013	5100.6
28014	5100.5
28015	5101.1
28016	5101.3
28017	5100.4
28018	5102.1
28019	5102.3
28020	5102.2
28021	5101.9
28022	5103.8
28023	5098.2
28503	5106.1
28513	5104.4
30001	5184.3
30002	5169.6
30003	5207.3
30009	5196.3
31001	5216.2
31003	5232.8
31005	5201.6
31009	5216.9
32001	5232.2
33001	5115.0
33002	5118.2
33011	5103.7
33012	5101.2
33013	5098.1
33014	5103.0
33017	5117.4
33030	5115.6
33033	5110.3
33060	5107.7
33061	5107.1
33062	5106.8

RMA Data Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 10 of 12)

Well ID	Water Level Elevation
33063	5106.6
33070	5102.9
33071	5102.2
33072	5101.3
33073	5101.1
33077	5106.6
33505	5104.9
33506	5103.2
33507	5101.0
33508	5104.3
33509	5103.6
33510	5107.1
33511	5107.0
33512	5111.2
33580	5102.8
33581	5104.1
33582	5204.8
34001	5167.1
34002	5121.9
34005	5115.5
34008	5110.3
34515	5120.5
35001	5223.8
35002	5221.8
35006	5191.4
35007	5189.1
35018	5189.5
35020	5222.4
35022	5230.6
35023	5233.4
35025	5228.8
35029	5223.6
35031	5175.6
35034	5188.9
35037	5167.7
35040	5166.7
35042	5170.5
35043	5184.0
35045	5218.6
35046	5200.9
35047	5216.4
35048	5218.5
35052	5240.5
35053	5240.0
35058	5181.9

RMA Data Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 11 of 12)

Well ID	Water Level Elevation
35065	5220.8
35069	5221.2
35075	5220.4
35076	5219.6
36001	5252.3
36013	5227.8
36014	5227.5
36016	5226.3
36017	5227.0
36021	5225.4
36022	5224.7
36041	5231.8
36048	5241.8
36049	5248.3
36050	5251.6
36053	5252.6
36054	5252.2
36058	5250.2
36060	5241.0
36063	5232.0
36065	5237.6
36067	5235.4
36070	5228.5
36073	5233.1
36074	5234.2
36075	5246.4
36076	5239.4
36077	5224.3
36080	5230.6
36081	5229.8
36082	5230.0
36084	5231.7
36085	5230.3
36087	5250.3
36088	5229.4
36089	5230.4
36091	5231.9
36093	5230.5
36101	5230.4
36103	5231.7
36109	5247.3
36112	5220.3
36135	5227.5
36137	5221.5
36141	5223.0
36142	5223.4
36145	5228.6
37304	5120.8

RMA_Data_Base

Water level information used to construct the Time Averaged Water Table Map 1981-1987. (Page 12 of 12)

Well_ID	Water Level Elevation
37308	5123.4
37309	5119.8
37313	5105.1
37321	5100.9
37323	5118.4
37327	5115.5
37330	5093.7
37331	5093.8
37333	5089.6
37334	5092.6
37335	5090.7
37336	5075.4
37337	5055.5
37339	5121.7
37340	5103.1
37341	5071.3
37342	5100.5
37343	5105.3
37344	5090.6
37345	5076.0
37346	5080.2
37347	5064.6
37348	5058.5
37349	5047.2
37350	5042.6
37351	5055.6
37352	5043.8
37353	5036.5
37354	5033.7
37355	5039.7
37356	5017.9
37357	5017.0
37358	5094.7
37360	5081.4
37361	5062.8
37363	5036.8
37364	5001.7
37366	5296.7
37369	5120.2
37370	5110.0
37373	5109.3
37374	5108.9
37377	5112.4
37378	5112.2
37385	5085.1

Chen & Associates Data Base

Wells used to construct the Time Averaged Water Table Map (1981-1987). Water level information Chen & Associates' Stapleton data. (Page 1 of 1)

Well ID	Water Level Elevation
07006	5266.1
07012	5278.0
07013	5283.0
07014	5302.0
08007	5278.7
08008	5287.6
08010	5294.0
08013	5303.9
08015	5296.4
08017	5302.2
11009	5208.1
11011	5222.0
11012	5228.5
11013	5228.5
11014	5240.7
11015	5238.5
11016	5211.8
11017	5235.0
11018	5245.7
11019	5250.1
12010	5239.6
12012	5247.4
12014	5255.0
12015	5268.6
12016	5258.9
12017	5247.4
12020	5257.2
12022	5270.5
12023	5275.7

MKE_Data_Base

Additional wells used for the Time Average Water Table Map 1981-1987. MKE water level information. (Page 1 of 1)

Well_ID	Elevation
01004	5065
01019	5040
01023	5032
02002	5040
02010	5039
03003	5015
03007	5013
04001	5014
04001	5298
04601	5283
09001	5287
09006	5045
09008	5032
09026	5047
09603	5294
10002	5228
11005	5070
11015	5073
11016	5077
11017	5078
17001	5132
35003	5014
35010	5019
36002	5045
36012	5020
36014	5030

CDM Data Base

Additional water level information used to construct Time Average Water Table Map 1981-1987 (CDM data). (Page 1 of 2)

Well ID	Water Level Elevation
FIT-MW-12	5183
FIT-MW-2	5217
FIT-MW-3	5208
FIT-MW-4	5202
FIT-MW-5	5191
FIT-MW-6	5192
FIT-MW-7	5188
FIT-MW-8	5178
FIT-MW-9	5199
SAC-MW-2	5119
SAC-MW-3	5132
SAC-MW-4	5152
SAC-MW-5	5173
SAC-MW-6	5179
SAC-MW-8	5155
SAC-MW-9	5203
SC-15B	5158
SC-16B	5158
NMW-10	5156
NMW-15	5149
NMW-16	5147
NMW-17	5147
NMW-18	5147
NMW-19	5155
NMW-2	5156
NMW-20	5156
NMW-21	5156
NMW-22	5156
NMW-23	5155
NMW-24	5156
NMW-3	5156
NMW-4	5156
NMW-5	5155
NMW-6	5154
NMW-7	5154
NMW-9	5152
SAC-MW-1	5097
SAC-MW-11	5136
DC-GW-1	5217
DC-GW-3	5192
FIT-IM-MW-1	5174
FIT-IM-MW-2	5156
FIT-IM-MW-3	5153

CDM Data Base

Additional water level information used to construct Time Average Water Table Map 1981-1987 (CDM data). (Page 2 of 2)

Well ID	Water Level Elevation
FIT-IM-MW-4	5153
FIT-IM-MW-4B	5153
FIT-IM-WP-1	5175
FIT-IM-WP-2	5155
FIT-IM-WP-3	5155
FIT-MW-1	5220
FIT-MW-10	5192
FIT-MW-11	5190

APPENDIX B.3: DENVER FM WATER LEVEL DATA

ESE Data Base

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone A. (Page 1 of 2)

Well ID	3rd Quarter FY 1987 Water Level Elevation
30004	5195.4
29002	5214.8
25008	5182.1
25033	5182.3
25023	5215.1
35024	5233.8
35055	5232.4
35073	5238.1
35015	5239.7
35071	5241.8
36121	5195.4
36146	5227.5
36105	5216.2
36110	5243.7
36066	5230.9
36119	5239.0
31007	5199.5
31011	5222.4
32002	5224.0
06004	5233.9
06005	5234.0
01040	5239.7
01034	5241.3
01035	5241.6
01032	5241.9
01042	5241.0
01045	5245.6
01050	5244.9
01028	5244.5
01025	5234.2
01022	5246.2
02047	5243.7
02004	5244.5
02045	5245.5
02043	5240.3
02018	5228.2
02030	5244.0
02038	5220.9

ESE_Data_Base

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone A. (Page 2 of 2)

Well_ID	3rd Quarter FY 1987 Water Level _Elevation_
02024	5229.5
02035	5227.5
02032	5238.1
11004	5226.4
12004	5244.5

Wells 36116, 35054, 02044, 02041, and 02019 exhibited water levels between those of zone A and lu. Well 01031 exhibited a water level between that of the alluvium and the A zone. Well 02021 and 08005 exhibited water levels representative of the lu.

ESE Data Base

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone lu (Page 1 of 1)

Well ID	3rd Quarter FY 1987 Water Level Elevation
25028*	5181.0
25024	5202.3
25039	5193.2
30006	5184.2
30005	5180.6
29003	5175.7
26097	5183.8
26054	5199.2
26056	5187.1
26063	5183.8
26064	5174.4
26096	5189.0
35012	5190.5
35010	5190.6
35009	5194.5
35050*	5202.0
35051	5201.8
35005	5178.6
35067	5205.6
35070	5212.5
35062*	5214.4
35059	5182.4
35056	5199.0
36147	5217.9
36083	5223.5
36104	5225.8
31008	5194.9
01029*	5222.3
01023	5229.0
02048	5204.4
02042	5200.1
02015	5185.2
02039	5206.0
02031	5203.3
02025	5209.2
02036	5214.2
02033	5214.5
02021*	5217.3
02028	5127.6
02012	5207.2
08005	5249.8

* Wells 35050, 02021, 01029, and 35062 are screened in the AL above the LA, which is fractured and connects these AL's with the lu.

ESE_Data_Base

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone 1. (Page 1 of 1)

Well_ID	3rd Quarter FY 1987 Water Level Elevation
19017	5165.8
19007	5155.7
19003	5164.7
19001	5170.1
24108	5153.4
24089	5160.0
24087	5168.1
24086	5166.6
24083	5166.0
24082	5165.6
24125	5162.5
24080	5160.6
24124	5158.7
23016	5142.9
30007	5167.5
30010	5192.8
25009	5175.3
25037	5179.6
25012	5182.5
25007	5180.7
25040	5192.5
26123	5156.9
26019	5149.7
26022	5150.5
26023	5150.2
26026	5156.5
26071	5158.3
26066	5162.2
26053	5170.5
26128	5165.5
26052	5166.8
26140	5165.8
26144	5170.5
26075	5168.8
26086	5173.3
26057	5182.9
26058	5187.3
36079	5195.1
35032	5168.9
35038	5166.3
35036	5178.5
35017	5189.3
34012	5161.2

ESE Data Base

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone 2. (Page 1 of 2)

Well ID	3rd Quarter FY 1987 Water Level Elevation
19018	5163.0
19002	5169.7
19015	5166.9
24182	5137.6
24167	5134.1
24127	5139.9
24135	5139.7
24184	5139.5
23204	5132.6
23203	5130.1
23202	5129.9
23177	5135.7
23144	5138.8
23182	5113.6
23186	5129.0
23189	5142.0
23181	5142.3
30011	5187.4
25019	5164.2
25016	5155.9
25017	5153.6
25010	5170.6
25013	5178.6
26043	5145.5
26146	5138.0
26082	5146.8
26084	5149.4
26141	5154.8
26134	5152.4
26072	5152.7
26077	5150.9
26079	5149.0
26067	5153.2
26061	5145.8
26089	5143.6
26069	5153.5
26060	5153.7
26092	5151.1
26094	5152.3
27049	5141.8
32003	5186.6
36114	5192.6
35068	5193.0
35033	5162.5
35039	5145.0
35041	5145.8

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone 2. (Page 2 of 2)

Well_ID	3rd Quarter FY 1987 Water Level _Elevation_
34006	5116.8
01048	5199.5
02013	5183.5
02009	5177.8
03006	5166.9
09003	5140.9
37387	5119.6
37323	5118.8

ESE_Data_Base

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone 3. (Page 1 of 1)

Well_ID	3rd Quarter FY 1987 Water Level _Elevation_
37371	5110.0
37379	5107.3
19016	5147.1
37376	5129.8
24120	5141.9
24136	5139.8
24168	5134.0
24174	5134.9
23161	5127.8
23209	5136.7
23190	5142.0
23192	5141.6
23200	5130.4
22027	5108.6
37382	5086.6
30008	5156.8
26138	5148.4
26080	5145.0
26142	5154.5
26090	5144.4
26147	5134.8
28030	5102.0
34009	5111.1
34003	5121.7
03003	5130.9
27057	5098.4

Water level information used to construct the Potentiometric Surface Map. Denver Fm Zone 4. (Page 1 of 1)

Well ID	3rd Quarter FY 1987 Water Level Elevation
37372	5109.7
37388	5102.2
37317	5106.3
37380	5106.8
37365	5105.5
24159	5147.9
24137	5138.3
24175	5136.0
23169	5133.3
23183	5112.2
23187	5120.7
23201	5129.7
22002	5095.7
22028	5102.3
22030	5099.2
22023	5091.5
26135	5152.8
27054	5071.5
28028	5099.8
34004	5121.0
34007	5117.0
34010	5111.2
33015	5108.3
33016	5113.0
33034	5110.0

APPENDIX B.4: ALLUVIAL AND DENVER FM AQUIFER TEST DATA

ALLUVIAL SLUG TESTS

BEST AVAILABLE COPY

LLNL TESTS IN ALLUVIUM (SORTED) UPDATE: 04-08-88

INDEX NUMBER	DESIGNATION BORING	RMA	SECTION	UTM COORDINATES EASTING	NORTHING	SCREENED INTERVAL TOP (ft.MSS)	BOTTOM (ft.MSS)	TEST TYPE	HYDR COND (X 10-4 cm/s)	HYDR COND (cm/s)	LOG HYDR COND	TEST INTERVAL THICKNESS (ft)	TRANSMISSIVITY (gpd/ft)	REFERENCE
1	748	1017	1	513815.9	4407833.2	10.6	14.0	FH	7.41	7.4E-04	-3.130			BROUGHTON ET AL (1979)
2	916	19001	19	514779.8	4411623.3	23.6	39.6	RH	19.1	1.9E-03	-2.719	34.5	1397	ZEBELL (1979)
3	917	19002	19	514901.6	4411623.2	37.0	45.0	RH	1.74	1.7E-04	-3.759	36.6	135	ZEBELL (1979)
4	918	19003	19	514965.0	4411829.8	13.0	21.0	NT				0.3		ZEBELL (1979)
5	919	19004	19	515026.1	4412030.2	13.0	21.0	RH	28.2	2.8E-03	-2.550	13.6	813	ZEBELL (1979)
6	920	19005	19	514934.7	4412249.7	21.0	30.0	RHSS	6.02	6.0E-04	-3.220	13.9	177	ZEBELL (1979)
7	930	19007	19	515034.6	4412454.9	22.1	30.1	RH	1.62	1.6E-04	-3.790	18.2	63	ZEBELL (1979)
8	931	19008	19	514983.3	4412655.1	15.4	24.5	NT						ZEBELL (1979)
9	944	19009	19	514913.6	4412820.3	14.0	25.0	NT						ZEBELL (1979)
10	945	19010	19	514835.0	4412960.7	25.0	34.9	NT						ZEBELL (1979)
11	900	22139	23	511938.1	4412261.5	12.1	20.1	NT						ZEBELL (1979)
12	901	22140	23	512245.2	4412250.0	35.6	56.6	NT				9.6		ZEBELL (1979)
13	902	22141	23	512077.7	4412203.2	36.0	55.0	NT				9.8		ZEBELL (1979)
14	903	22142	23	512150.3	4411961.1	28.0	56.4	FH	4.5	4.5E-04	-3.347	12.7	121	ZEBELL (1979)
15	904	22143	23	512058.4	4411804.1	38.1	54.1	NT				2.9		ZEBELL (1979)
16	953	22145	23	512619.1	4412965.9	16.0	30.0	RH	13.3	1.3E-03	-2.876	8.2	231	ZEBELL (1979)
17	951	22146	23	512521.6	4412755.4	16.1	23.0	RH	39.5	4.0E-03	-2.403	6.1	578	ZEBELL (1979)
18	952	22147	23	512424.1	4412959.9	16.0	26.0	RH	0.14	1.4E-05	-4.854	7.2	2	ZEBELL (1979)
19	955	22148	23	512325.7	4412960.2	5.4	9.4	NT				0.0		ZEBELL (1979)
20	954	22149	23	512301.4	4412870.7	7.3	11.0	NT				0.0		ZEBELL (1979)
21	955	22150	23	512379.3	4412855.5	12.0	30.0	NT				5.5		ZEBELL (1979)
22	956	22151	23	512402.5	4412776.8	37.3	45.0	NT				5.1		ZEBELL (1979)
23	957	22160	23	513132.0	4412704.9	20.1	30.1	RH	1.57	1.6E-04	-3.804	13.3	44	ZEBELL (1979)
24	945	24029	24	513932.4	4413071.7	20.3	24.3	RS	0.151	1.5E-05	-4.821	24.4	8	ZEBELL (1979)
25	947	24030	24	514084.0	4413072.7	19.4	23.4	RH	0.386	3.9E-05	-4.413	18.6	15	ZEBELL (1979)
26	949	24031	24	514276.8	4413073.7	16.4	28.4	RH	399	4.0E-02	-1.399	11.8	9383	ZEBELL (1979)
27	934	24048	24	513421.4	4412752.9	27.9	33.9	RH	2484	2.5E-01	-0.605	15.0	77603	ZEBELL (1979)
28	935	24049	24	513269.1	4412757.7	34.2	48.2	RH	1113	1.1E-01	-0.954	24.2	57110	ZEBELL (1979)
29	932	24050	24	514036.3	4412737.9	21.0	28.0	NT				11.3		ZEBELL (1979)
30	936	24051	24	513869.3	4412739.2	27.5	33.5	FH	48.92	4.9E-03	-2.305	10.9	114	ZEBELL (1979)
31	937	24061	24	513921.3	4411919.9	31.0	47.0	RH	35.6	3.6E-03	-2.449	15.9	1240	ZEBELL (1979)
32	940	24062	24	514047.8	4411825.8	25.0	40.0	RH	462	4.6E-02	-1.790	18.8	9456	ZEBELL (1979)
33	941	24063	24	514173.4	4411826.5	30.2	45.2	RH	67.7	6.8E-03	-2.176	25.4	3431	ZEBELL (1979)
34	942	24064	24	514293.5	4411825.2	21.4	37.4	RH	99.1	9.9E-03	-2.004	22.5	4938	ZEBELL (1979)
35	943	24065	24	514414.8	4411825.1	19.0	35.0	NT				25.9		ZEBELL (1979)
36	926	24066	24	514535.7	4411824.1	33.9	49.9	RH	185	1.9E-02	-1.733	22.6	12788	ZEBELL (1979)
37	915	24067	24	514658.2	4411822.4	25.5	41.0	RH	86.8	8.7E-03	-2.061	32.6	6000	ZEBELL (1979)
38	925	24068	24	514559.0	4411939.4	29.5	50.0	RH	482	4.8E-02	-1.317	17.7	20133	ZEBELL (1979)
39	922	24069	24	513566.6	4411917.5	31.0	40.0	NT				0.9		ZEBELL (1979)
40	923	24091	24	513359.9	4411996.0	888	888	NT				28.4		ZEBELL (1979)
41	924	24092	24	513472.1	4411962.5	25.1	45.1	FH	623	6.2E-02	-1.206	16.0	21125	ZEBELL (1979)
42	929	24093	24	514218.2	4411924.1	27.6	42.8	FH	7.84	7.8E-04	-3.106	22.5	374	ZEBELL (1979)
43	926	24094	24	514459.3	4412234.3	28.3	48.3	RH	353	3.5E-02	-1.452	25.3	18976	ZEBELL (1979)
44	927	24095	24	514702.8	4412235.9	5.0	15.0	NT				9.1		ZEBELL (1979)
45	922	24096	24	514527.9	4412551.3	10.6	19.6	RH	970	9.9E-02	-1.004	8.7	10262	ZEBELL (1979)
46	933	24097	24	514151.5	4412469.6	27.5	39.5	RH	300	3.0E-02	-1.523	24.9	15775	ZEBELL (1979)
47	934	24098	24	514045.4	4412470.5	20.6	32.6	RH	8.24	8.2E-04	-3.084	21.7	379	ZEBELL (1979)
48	935	24099	24	513878.5	4412435.2	15.0	35.0	RH	64.3	6.4E-03	-2.172	29.6	2859	ZEBELL (1979)

SLUG TESTS IN ALLUVIUM (SORTED) UPDATE: 04-08-86

INDEX NUMBER	DESIGNATION BOREHOLE	DESIGNATION RAW	SECTION	UTM COORDINATES EASTING	UTM COORDINATES NORTHING	SCREENED INTERVAL TOP (ft.BGS)	SCREENED INTERVAL BOTTOM (ft.BGS)	TEST TYPE	HYDR COND (X 10-4 cm/s)	HYDR COND (cm/s)	LOG HYDR COND	TEST INTERVAL THICKNESS (ft)	TRANSMISSIVITY (gpd/ft)	REFERENCE
46	936	26100	24	513777.1	4412489.7	25.6	35.6	RH	48.8	4.9E-03	-2.312	13.2	1366	ZEBELL (1979)
50	937	26101	24	513297.4	4412856.1	27.0	34.0	RH	4.86	4.9E-04	-3.312	15.5	160	ZEBELL (1979)
51	938	26102	24	513786.3	4412677.1	17.1	25.1	RH	162	1.4E-02	-1.849	16.8	5658	ZEBELL (1979)
52	939	26103	24	513861.0	4412725.7	22.0	36.0	RH	0.007	7.0E-07	-6.155	22.7	0	ZEBELL (1979)
53	940	26104	24	514059.5	4412765.7	17.0	25.0	NT				20.1		ZEBELL (1979)
54	941	26105	24	514187.5	4412768.0	7.0	15.0	RH	222	2.2E-02	-1.654	12.8	6025	ZEBELL (1979)
55	942	26106	24	514363.0	4412769.5	12.0	20.0	RH	15.3	1.5E-03	-2.815	14.4	467	ZEBELL (1979)
56	943	26107	24	514476.1	4412746.9	27.0	35.0	NT				15.9		ZEBELL (1979)
57	944	26108	24	514697.1	4413107.3	31.9	39.9	NT						ZEBELL (1979)
58	947	26109	24	514524.3	4412952.9	47.1	55.1	NT						ZEBELL (1979)
59	948	26110	24	514444.0	4412363.2	3.5	11.5	NT						ZEBELL (1979)
60	957	26111	24	513910.9	4411909.1	13.0	30.0	NT				1.7		ZEBELL (1979)
61	958	26112	24	514356.4	4411913.5	36.6	53.0	RH	44.2	4.4E-03	-2.355	31.1	2915	ZEBELL (1979)
62	959	26113	24	514454.9	4412599.5	37.0	45.0	RH	46	4.6E-03	-2.398	21.7	1840	ZEBELL (1979)
63	960	26114	24	513527.3	4412778.8	37.1	45.1	RH	0.029	2.9E-05	-4.538	23.6	15	ZEBELL (1979)
64	961	26115	24	513718.8	4412749.7	22.0	30.0	RH	106	1.1E-02	-1.975	17.9	4023	ZEBELL (1979)
65	962	26116	24	513260.9	4412822.6	22.0	36.0	NT				23.9		ZEBELL (1979)
66	963	26117	24	513931.6	4412831.4	12.0	28.0	NT				16.7		ZEBELL (1979)
67	378	26121	24	513194.8	4411633.5	37.4	45.4	FH	16.4	1.6E-03	-2.785	3.0	104	ZEBELL (1979)
68	379	26122	24	513278.7	4411603.1	31.6	39.6	NT				0.5		ZEBELL (1979)
69	380	26123	24	513422.7	4411631.9	32.9	40.9	FH	0.371	3.7E-05	-4.431	5.2	4	ZEBELL (1979)
70	382	26124	24	513575.1	4411630.7	32.4	40.4	FH	2.36	2.4E-04	-3.627	5.2	26	ZEBELL (1979)
71	385	26125	24	513803.0	4411629.1	25.9	44.8	RH	52.6	5.3E-03	-2.279	15.5	1729	ZEBELL (1979)
72	932	26126	24	513956.5	4412234.0	27.4	35.4	FH	131	1.3E-02	-1.883	15.7	4639	ZEBELL (1979)
73	965	26128	24	513543.3	4412936.4	25.0	30.0	NT				12.9		ZEBELL (1979)
74	967	26129	24	513432.0	4412949.6	20.2	30.2	[illegible]	167	1.7E-02	-1.777	13.5	4750	ZEBELL (1979)
75	907	25903	25	513195.7	4411527.5	25.5	40.5	NT				2.4		ZEBELL (1979)
76	402	26014	26	512225.5	4411426.4	40.3	44.5	FH	3.75	3.8E-04	-3.426	2.3	18	ZEBELL (1979)
77	403	26015	26	512161.1	4411461.8	48.0	52.0	FH	36.7	3.7E-03	-2.435	2.5	195	ZEBELL (1979)
78	405	26016	26	512021.2	4411475.3	46.2	48.2	FH	59.9	6.0E-03	-2.223	2.3	358	ZEBELL (1979)
79	404	26017	26	511923.6	4411407.6	43.5	47.5	FH	133.2	1.3E-02	-1.946	3.4	814	ZEBELL (1979)
80	406	26018	26	511855.5	4411319.3	46.8	50.8	FH	0.769	7.7E-05	-4.114	3.6	6	ZEBELL (1979)
81	420	26039	26	512353.5	4411356.4	56.8	69.8	FH	17.9	1.8E-03	-2.747	9.2	349	ZEBELL (1979)
82	893	25979	26	512072.0	4410593.2	26.0	34.0	FH	1.134	1.1E-04	-3.945			BOPP ET AL (1979)
83	894	25980	26	512941.9	4410605.1	46.2	56.2	FH	41.59	4.2E-03	-2.377			BOPP ET AL (1979)
84	897	26021	26	511561.7	4411235.5	17.9	27.6	FH	2.277	2.3E-04	-3.643			BOPP ET AL (1979)
85	898	26085	26	511707.7	4411107.8	17.0	27.0	FH	2.441	2.4E-04	-3.612			BOPP ET AL (1979)
86	899	26086	26	512652.5	4410400.1	22.9	32.1	FH	9.735	9.7E-04	-3.012			BOPP ET AL (1979)
87	900	26087	26	511780.8	4411369.1	27.7	35.0	FH	5.986	6.0E-04	-3.223			BOPP ET AL (1979)
88	812	26088	26	511619.4	4411312.4	32.0	38.0	FH	0.436	4.4E-05	-4.359			BOPP ET AL (1979)
89	815	26092	26	511752.6	4410951.8	16.7	20.7	FH	0.693	8.3E-05	-4.081			BOPP ET AL (1979)
90	905	26123	26	513019.3	4411762.1	35.4	45.4	FH	0.506	5.1E-05	-4.294	0.2	0	ZEBELL (1979)
91	906	26124	26	513107.2	4411445.1	35.0	45.0	FH	3.12	3.1E-04	-3.506	2.6	17	ZEBELL (1979)
92	909	26127	26	512556.9	4411434.2	65.1	85.1	NT				1.9		ZEBELL (1979)
93	752	21003	31	514935.7	4406469.9	16.6	20.0	FH	11.2	1.1E-03	-2.951	0.5	12	BROUGHTON ET AL (1979)
94	725	25016	35	512641.9	4409983.1	20.0	23.4	FH	1.6	1.6E-04	-3.796	5.0	17	BROUGHTON ET AL (1979)
95	726	25020	35	513078.5	4409549.5	10.2	13.6	FH	2.08	2.1E-04	-3.682	13.8	56	BROUGHTON ET AL (1979)
96	7[illegible]	25022	35	513103.5	4409024.8	21.8	25.2	FH	5.86	5.9E-04	-3.231	6	117	BROUGHTON ET AL (1979)

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SLUG TESTS IN ALLUVIUM (SORTED) UPDATE: 04-03-88

INDEX NUMBER	DESIGNATION BORING	DESIGNATION RNA	SECTION	UTM COORDINATES EASTING	UTM COORDINATES NORTHING	SCREENED INTERVAL TOP (ft.BGS)	SCREENED INTERVAL BOTTOM (ft.BGS)	TEST TYPE	HYDR COND (X 10-4 cm/s)	HYDR COND (cm/s)	LOG HYDR COND	TEST INTERVAL THICKNESS (ft)	TRANSMISSIVITY (gpd/ft)	REFERENCE
97	732	35026	35	512844.7	4409424.3	17.2	20.6	FH	7.78	7.8E-04	-3.109	4.1	69	BROUGHTON ET AL (1979)
98	822	35042	35	511623.8	4409625.0	27.0	35.0	FH	11.9	1.2E-03	-2.924			BOPE ET AL (1979)
99	706	36058	36	513498.8	4408498.0	17.6	21.0	SLUG	40.2	4.0E-03	-2.396	6.7	567	BROUGHTON ET AL (1979)
100	710	36054	36	514267.1	4409958.7	18.3	21.7	SLUG	30.1	3.0E-03	-2.521			BROUGHTON ET AL (1979)
101	711	36065	36	513912.9	4409713.9	17.6	21.0	SLUG	1.25	1.3E-04	-3.903	12.1	32	BROUGHTON ET AL (1979)
102	718	36070	36	513555.4	4409070.5	16.8	20.2	SLUG	70	7.0E-03	-2.155	15.0	2226	BROUGHTON ET AL (1979)
103	734	36077	36	513326.6	4409618.1	17.0	20.4	FH	5.51	5.5E-04	-3.259			BROUGHTON ET AL (1979)
104	741	36092	36	513722.1	4409341.1	16.6	20.0	SLUG	44.5	4.4E-03	-2.352	8.7	911	BROUGHTON ET AL (1979)

COUNT: 75

NOTE: "NT" INDICATES NO TEST

CONDUCTIVITY STATISTICS

INTERVAL NUMBER	RANGE	LOG MAX	NUMBER CASES
1	<10-7	-7	0
2	10-7	-6	1
3	10-6	-5	1
4	10-5	-4	8
5	10-4	-3	24
6	10-3	-2	25
7	10-2	-1	14
8	10-1	0	2
10	>1		0
11	NT		29

TOTAL CASES: 104
NUMBER TESTS: 75
MEAN OF THE LOG: -2.872
GEOMETRIC MEAN: 1.3E-03

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ALLUVIAL PUMPING TESTS

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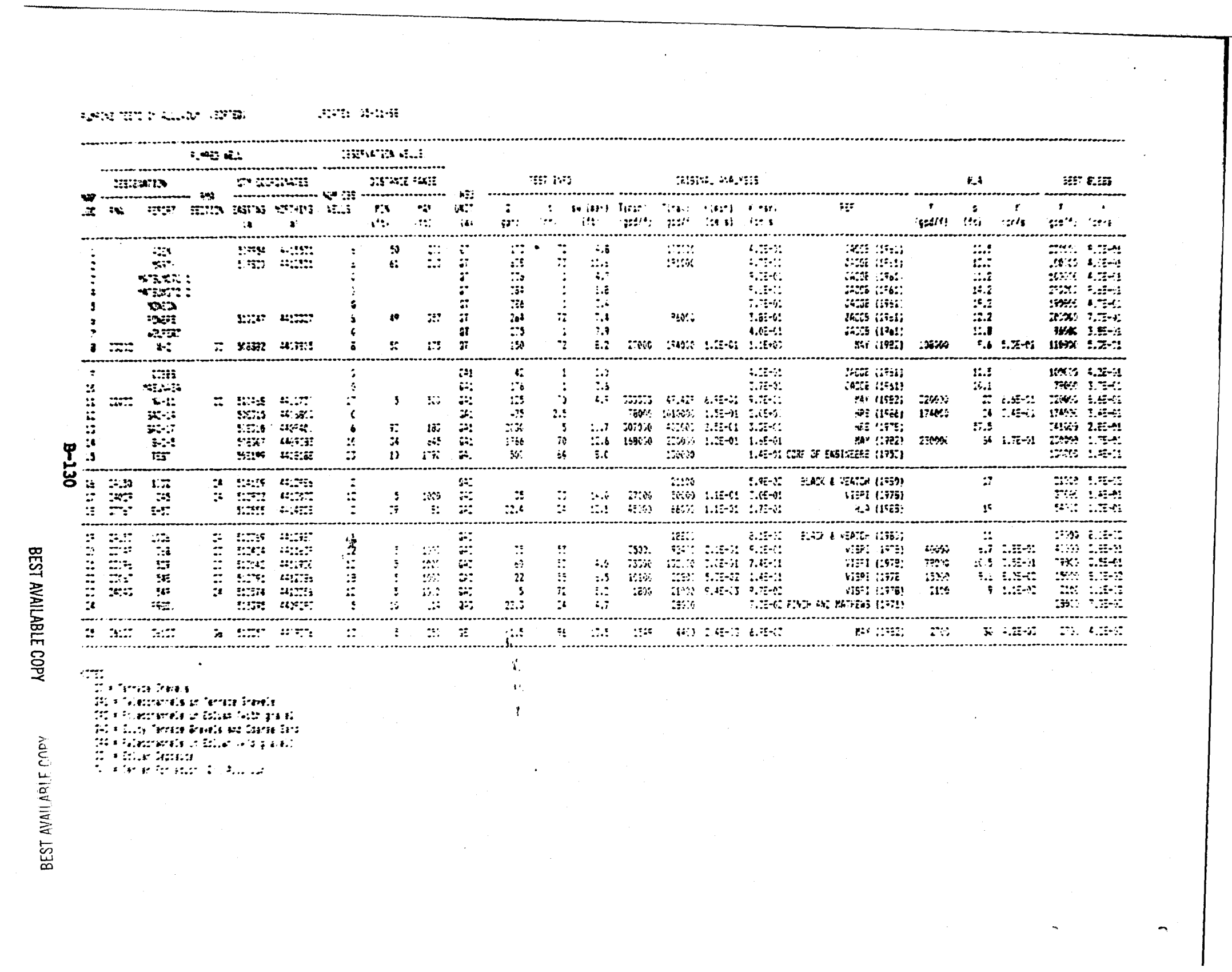

DENVER FM SLUG TESTS

AQUIFER TESTS IN DENVER BASIN (SORTED) UPDATE: 05-13-88

CASE No.	DESIGNATION BASIN	DESIGNATION RUN	DESIGNATION TEST	UTM COORDINATES EASTING	UTM COORDINATES NORTHING	SCREENED INTERVAL TOP (ft.BGS)	SCREENED INTERVAL BOTTOM (ft.BGS)	TEST TYPE	INFORMAL UNIT NAME	HYDR COND (cm/s)	LOG HYDR COND	TEST INTERVAL THICKNESS (ft)	TRANSMISSIVITY (gpd/ft)	REFERENCE
1	722	1838	1			16.6	20.0	FH		8.1E-04	-3.092	0.5	0.6	BROUGHTON ET AL (1979)
2	745	1814	1			17.8	21.2	FH		3.0E-04	-3.517	0.5	3.2	BROUGHTON ET AL (1979)
3	746	1915	1			57.5	60.9	RH		1.2E-04	-3.939	10.0	24.4	BROUGHTON ET AL (1979)
4	745	2043	2			17.7	21.1	FH		2.1E-04	-3.668	0.5	2.3	BROUGHTON ET AL (1979)
5	725	2034	2			70.0	73.4	RH		1.6E-03	-2.750	27.6	1039.8	BROUGHTON ET AL (1979)
6	928	19005	19			21.0	30.0	RH		6.0E-04	-3.220	9.0	114.9	ZEBELL (1979)
7	929	19006	19			22.9	30.0	RH		1.2E-03	-2.910	7.1	185.2	ZEBELL (1979)
8	978-1	23161	23			64.0	74.0	RH	SAND 03	1.7E-05	-4.762	7.0	2.6	ESE (1988); MAY ET AL (1980)
9	978-2	23162	23			105.0	110.0	RH	SAND 04	9.2E-06	-5.037	5.0	1.0	ESE (1988); MAY ET AL (1980)
10	980-1	23163	23			42.0	54.0	RH	SAND 02	8.1E-05	-4.093	10.0	17.1	ESE (1988); MAY ET AL (1980)
11	980-2	23164	23			80.0	90.0	RH	?	6.6E-07	-6.180	10.0	0.1	ESE (1988); MAY ET AL (1980)
12	991-1	23167	23			47.0	52.0	RH	SAND 02	2.6E-05	-4.532	3.0	1.7	ESE (1988); MAY ET AL (1980)
13	991-2	23168	23			68.0	75.0	RH	SAND 03	1.7E-04	-3.780	7.0	24.6	ESE (1988); MAY ET AL (1980)
14	991-3	23169	23			85.0	103.0	RH	SAND 04	3.0E-05	-4.527	17.0	10.7	ESE (1988); MAY ET AL (1980)
15	E-22	23218	23			47.3	53.0	RH/FH	SAND 02	2.4E-06	-5.620	8.0	0.4	ESE (1988)
16	E-22	23219	23			63.3	74.0	RH/FH	SAND 03	2.4E-05	-4.625	10.7	5.4	ESE (1988)
17	EF-23	23226	23			25.0	36.7	RH/FH	SAND 02	2.2E-04	-3.654	13.7	64.3	ESE (1988)
18	EF-23	23227	23			33.3	39.0	RH/FH	SAND 02	2.0E-06	-5.699	4.0	0.2	ESE (1988)
19	351	24032	24			44.7	48.7	RH		3.0E-05	-4.527	4.0	2.5	ZEBELL (1979)
20	928	24059	24			30.2	39.3	RH		2.6E-03	-2.592	9.1	493.9	ZEBELL (1979)
21	976-1	24131	24			48.0	53.0	RH	SAND 03	7.9E-05	-4.103	3.0	5.0	ESE (1988); MAY ET AL (1980)
22	976-2	24132	24			61.0	66.5	RH	?	2.9E-05	-4.541	5.5	3.4	ESE (1988); MAY ET AL (1980)
23	977-1	24133	24			46.0	50.0	RH	SAND 02	1.6E-05	-4.790	4.0	1.4	ESE (1988); MAY ET AL (1980)
24	977-2	24134	24			70.0	77.0	RH	?	9.8E-06	-5.010	7.0	1.5	ESE (1988); MAY ET AL (1980)
25	979-1	24135	24			31.0	55.0	RH	SAND 02	1.2E-02	-1.917	8.0	1026.2	ESE (1988); MAY ET AL (1980)
26	979-2	24136	24			51.0	64.0	RH	SAND 02	1.5E-05	-4.839	13.0	4.0	ESE (1988); MAY ET AL (1980)
27	979-3	24137	24			81.0	100.0	RH	SAND 03	4.8E-06	-5.322	19.0	1.9	ESE (1988); MAY ET AL (1980)
28	981-1	24138	24			41.0	45.0	RH	SAND 02	2.9E-05	-4.545	4.0	2.4	ESE (1988); MAY ET AL (1980)
29	981-2	24139	24			70.0	88.0	RH	?	6.3E-06	-5.204	18.0	23.9	ESE (1988); MAY ET AL (1980)
30	985-1	24140	24			25.0	30.0	RH	SAND 02	1.3E-04	-3.885	5.0	17.9	ESE (1988); MAY ET AL (1980)
31	985-2	24141	24			60.0	65.0	RH	SAND 03	7.6E-06	-5.119	5.0	0.8	ESE (1988); MAY ET AL (1980)
32	988-1	24142	24			45.0	53.0	RH	SAND 03	5.9E-05	-4.232	8.0	9.9	ESE (1988); MAY ET AL (1980)
33	988-2	24143	24			79.0	80.0	RH	SAND 04	2.7E-05	-4.565	6.5	3.7	ESE (1988); MAY ET AL (1980)
34	989-1	24144	24			40.0	58.0	RH	SAND 03	4.2E-04	-3.378	18.0	159.9	ESE (1988); MAY ET AL (1980)
35	989-2	24146	24			52.0	62.0	RH	SAND 03	1.4E-05	-4.858	10.0	3.0	ESE (1988); MAY ET AL (1980)
36	987-1	24147	24			75.0	90.0	RH	SAND 03	2.0E-04	-3.695	14.0	60.0	ESE (1988); MAY ET AL (1980)
37	E-33	24191	24			33.1	46.0	RH/FH	SAND 02	7.0E-05	-4.156	11.0	16.3	ESE (1988)
38	724	26063	26			78.4	3010	FH	UDS	4.2E-04	-3.382	9.5	83.6	BROUGHTON ET AL (1979); BOPP ET AL (1979)
39	724	26064	26			77.5	82.9	RH	UDS	1.9E-03	-2.710	26.0	1072.9	BROUGHTON ET AL (1979); BOPP ET AL (1979)
40	831	26066	26			49.0	61.0	RH	UDS	3.5E-04	-3.456	12.0	69.0	BOPP ET AL (1979)
41	801	26067	26			99.0	107.0	RH	UDS	7.2E-04	-3.140	8.0	122.8	BOPP ET AL (1979)
42	802	26069	26			67.5	79.5	RH	UDS	7.3E-04	-3.133	12.0	185.3	BOPP ET AL (1979)
43	803	26071	26			46.0	54.0	RH	UDS	1.2E-03	-2.928	8.0	195.6	BOPP ET AL (1979)
44	811	26072	26			92.0	104.0	RH	UDS	1.9E-03	-2.721	12.0	494.2	BOPP ET AL (1979)
45	814	26075	26			85.5	97.5	RH	UDS	7.2E-04	-3.141	11.0	183.7	BOPP ET AL (1979)
46	838	26080	26			68.0	80.0	RH	UDS	2.0E-05	-4.695	12.0	5.1	BOPP ET AL (1979)
47	859	26086	26			64.0	74.0	RH	UDS	6.6E-04	-3.170	10.0	143.5	BOPP ET AL (1979)
48	512	26089	26			57.0	69.0	RH	UDS	2.3E-03	-2.642	12.0	584.1	BOPP ET AL (1979)

SLUG TESTS IN DENVER SANDS (SORTED) UPDATE: 05-13-88

INDEX NUMBER	DESIGNATION BORING	DESIGNATION NWA	SECTION	UTM COORDINATES EASTING	UTM COORDINATES NORTHING	SCREENED INTERVAL TOP (ft.BGS)	SCREENED INTERVAL BOTTOM (ft.BGS)	TEST TYPE	INFORMAL UNIT NAME	HYDR COND (cm/s)	LOG HYDR COND	TEST INTERVAL THICKNESS (ft)	TRANSMISSIVITY (gpd/ft)	REFERENCE
49	812	26090	26			76.0	84.0	RH	LDS	2.1E-03	-2.671	8.0	361.6	BOPP ET AL (1979)
50	814	26092	26			63.0	83.0	RH	UDS	5.5E-04	-3.259	20.0	233.6	BOPP ET AL (1979)
51	815	26094	26			71.0	91.0	RH	UDS	3.9E-04	-3.413	20.0	163.9	BOPP ET AL (1979)
52	455	26128	26			63.0	73.0	RH	UDS	1.2E-03	-2.915	10.0	257.6	BOPP ET AL (1979)
53	455	26129	26			90.0	100.0	RH	LDS	1.8E-03	-2.737	10.0	388.4	BOPP ET AL (1979)
54	455, DB-1-1	26134	26			75.0	95.0	RH	UDS	2.2E-03	-2.658	27.2	1268.8	WES (1979); BOPP ET AL (1979)
55	457, DB-1-2	26135	26			135.0	157.0	RH	LDS	1.3E-06	-5.886	2.4	0.1	WES (1979); BOPP ET AL (1979)
56	DB-2-1	26136	26			155.0	180.0			5.1E-05	-4.292	25.0	27.0	WES (1979)
57	DB-2-2	26137	26			200.0	220.0			1.9E-07	-6.721	5.0	0.0	WES (1979)
58	DB-3-1	26138	26			87.0	107.0			2.1E-05	-4.678	9.4	4.2	WES (1979)
59	DB-3-2	26139	26			130.0	155.0			8.2E-06	-5.086	7.0	1.2	WES (1979)
60	476, DB-4-1	26140	26			59.0	78.0	FH	UDS	7.1E-03	-2.149	21.8	3281.8	WES (1979); BOPP ET AL (1979)
61	475, DB-4-2	26141	26			97.0	127.0	RH	LDS	1.9E-03	-2.721	31.9	1285.1	WES (1979); BOPP ET AL (1979)
62	DB-4-3	26142	26			136.0	146.0			7.6E-06	-5.119	4.7	0.8	WES (1979)
63	752	31904	31			82.8	86.2	RH		3.9E-05	-4.517	19.6	12.0	BROUGHTON ET AL (1979)
64	723	35016	35			37.0	40.4	RH	UDS	9.8E-04	-3.307	19.7	411.4	BROUGHTON ET AL (1979); BOPP ET AL (1979)
65	723	35017	35			68.4	91.6	RH	LDS	1.4E-05	-4.863	5.5	1.6	BROUGHTON ET AL (1979); BOPP ET AL (1979)
66	725	35019	35			86.0	89.4	RH	LDS	5.5E-04	-3.263	27.2	314.3	BROUGHTON ET AL (1979); BOPP ET AL (1979)
67	726	35021	35			69.6	73.0	RH		1.7E-04	-3.767	16.5	59.6	BROUGHTON ET AL (1979)
68	733	35024	35			52.1	55.0	RH		6.0E-03	-2.098	37.2	6285.8	BROUGHTON ET AL (1979)
69	732	35028	35			92.5	95.9	RH		3.7E-05	-4.431	8.5	6.6	BROUGHTON ET AL (1979)
70	817	35036	35			74.0	89.0	RH	LDS	3.5E-04	-3.457	15.0	111.2	BOPP ET AL (1979)
71	818	35038	35			59.0	67.0	RH	UDS	2.4E-04	-3.611	8.0	41.6	BOPP ET AL (1979)
72	819	35039	35			100.0	112.0	RH	LDS	1.3E-04	-3.890	12.0	32.8	BOPP ET AL (1979)
73	819	35041	35			82.0	102.0	RH	LDS	1.3E-04	-3.887	20.0	55.0	BOPP ET AL (1979)
74	823	35043	35			25.0	33.0	FH	LDS	1.5E-04	-3.804	8.0	26.6	BOPP ET AL (1979)
75	705	36059	36			62.9	73.5	RH		3.1E-05	-4.506	3.1	2.1	BROUGHTON ET AL (1979)
76	710	36064	36			70.2	73.6	RH		2.5E-05	-4.604	15.0	7.9	BROUGHTON ET AL (1979)
77	711	36066	36			73.3	76.7	RH		4.1E-05	-4.383	15.3	13.4	BROUGHTON ET AL (1979)
78	716	36071	36			34.1	37.5	RH		5.4E-03	-2.270	7.3	825.5	BROUGHTON ET AL (1979)
79	716	36072	36			53.5	54.9	RH		3.3E-04	-3.476	15.0	105.6	BROUGHTON ET AL (1979)
80	724	36078	36			59.0	62.4	RH		5.7E-03	-2.247	5.5	650.0	BROUGHTON ET AL (1979)
81	741	36093	36			77.0	82.4	RH		4.1E-05	-4.385	0.5	0.4	BROUGHTON ET AL (1979)
82	E-43	37372	37			61.5	88.5	RH/FH	SAND #4	1.2E-04	-3.932	28.0	69.5	ESE (1988)
83	E-36	37376	37			40.3	51.9	RH/FH	SAND #3	1.2E-04	-3.907	12.0	31.6	ESE (1988)
84	E-38	37379	37			39.3	55.5	RH/FH	SAND #3	2.2E-04	-3.652	16.2	76.8	ESE (1988)
85	E-38	37380	37			64.3	75.0	RH/FH	SAND #4	4.7E-05	-4.367	14.0	12.8	ESE (1988)
86	E-39	37387	37			36.7	42.7	RH/FH	SAND	2.1E-04	-3.686	5.9	23.7	ESE (1988)
87	E-39	37389	37			69.8	86.0	RH/FH	SAND #4	3.8E-05	-4.424	16.2	13.0	ESE (1988)
88	E-43	37390	37			43.1	46.0	RH/FH	SAND #3	2.2E-04	-3.656	7.0	32.8	ESE (1988)

COUNT: 93

NOTES: RH RISING HEAD SLUG TEST
FH FALLING HEAD SLUG TEST
SAND #1,2,3,4 CORRELATED DENVER SAND UNITS IN NORTH BOUNDARY AREA
UDS UPPER DENVER SAND
LDS LOWER DENVER SAND

CONDUCTIVITY STATISTICS

INTERVAL NUMBER	RANGE	LOG MAY	NUMBER CASES
1	E-7	-7	0
2	E-6	-6	4
3	E-5	-5	9
4	E-4	-4	26
5	E-3	-3	32
6	E-2	-2	16
7	E-1	-1	1
8	ZERO	0	0
9	NO TEST		0
			-5

TOTAL CASES:		83
NUMBER TESTS:		88
MEAN OF THE LOG:	-3.903	
GEOMETRIC MEAN:	1.3E-04 cm/s	
ST DEV OF LOG:	1.2832	
MEAN + 1 ST DEV:	2.4E-03 cm/s	
MEAN - 1 ST DEV:	6.4E-06 cm/s	

BEST AVAILABLE COPY

DENVER FM PUMPING TESTS

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APPENDIX C

TASK 44

APPENDIX C.1: SUMMARY OF TASK 44 ACTIVITIES

APPENDIX C

TASK 44

Task 44 was originally intended as a long term monitoring program to sample semiannually and quarterly groups of wells, to monitor water levels, to evaluate data and assess contaminant distributions, to make recommendations to the water monitoring effort of this and other tasks. Many of these original Task objectives were carried out under Task 44 including well network selection, the definition of the analytical schedule, definition of the general scope of work, new well installations, the sampling of the monitoring network, and the monitoring of water levels.

The following section presents a brief summary of original Task 44 objectives and scope-of-work. It also presents the Task 44 sampling network, the analytical suite, and geotechnical program. Detailed information concerning the proposed Task 44 Program is available in the Task 44 Final Technical Plan (ESE, 1988). Data evaluation and interpretive efforts that were originally proposed under Task 44 were ultimately carried out under the Water Remedial Investigation effort and are presented in the main body of the present report.

TASK 44 OBJECTIVES

The necessity of establishing a comprehensive data base for surface and ground water, was recognized as part of the environmental investigation at RMA has been recognized. Task 4 addressed part of this need by providing baseline data to assess contaminant distributions at RMA.

Under Task 4, three rounds of water samples were collected over a 1-year period within RMA to achieve the following objectives:

- Satisfy compliance-oriented regulatory requirements under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the substantive requirements of all applicable or relevant and appropriate Federal and State requirements that have application through CERCLA;

- Confirm the existence and chemical nature of contamination and monitor any changes in the lateral and vertical extent of contamination; and
- Develop a core data base for use in upcoming litigation and Remedial Investigation/Feasibility Study analyses for RMA.

Task 44 was developed using the core Task 4 objectives, however, the scope of the task was broadened to address other salient items that were beyond the scope of Task 4.

Task 44 (under Contract No. DAAK-11-84-D-0016) was awarded on March 19, 1987. The objectives of Task 44 as detailed in the Delivery Order are to:

- Assess the distribution and concentration levels of ground water and surface water contaminants and monitor changes in water quality with respect to these contaminants for both the onpost and offpost areas;
- Monitor and evaluate changes in water levels;
- Evaluate data and recommend program modifications to this or other water monitoring tasks; and
- Identify areas of significant public exposure and make appropriate information available to Tasks 35 and 39.

In order to satisfy the primary goals of the task, certain ancillary objectives were accomplished and incorporated in the WRIR:

- Utilize available geologic data to further define the current understanding of the geologic conditions present at RMA;
- Summarize the hydrogeologic conditions in the onpost and offpost areas by integrating existing hydrologic, geologic, and water quality data;
- Identify the primary hydrogeologic pathways by which contaminants are being transported to the RMA boundary or the offpost area;
- Evaluate the existing monitoring program for data deficiencies and assess the need for additional wells; and
- Integrate all data from water related tasks and supply appropriate information to Task 23 efforts including data bases, contaminant distribution maps, and hydrogeologic assessments.

Task 44 established the hydrologic core data base for and provided to the Endangerment Assessment (EA) and Feasibility Study (FS) groups adequate interpretation and characterization of hydrologic, geologic, and geochemical data so that their specified goals can be achieved.

The overall Task 44 program was designed to be dynamic in nature and to be modified, as required, in response to ongoing data evaluation and/or changes in the SOW or task objectives. Task 44 formed the base or trunk hydrologic program, while other efforts (Tasks 25, 36, 38, 39, etc.) represented tributary or branch efforts which satisfied specific individual task needs, as well as augmented the Task 44 program.

PROPOSED SCOPE OF WORK

The scope of the Task 44 water quality/quantity survey included a sampling program of ground-water and surface water that was capable of satisfying the various regulatory requirements. The monitoring program under Task 44 was initially proposed as a semiannual sampling event with quarterly sampling of 43 offpost wells and 12 onpost Basin F wells. However, the proposed semiannual sampling under Task 44 was executed as a one-time-only sampling event during the third quarter FY87. Quarterly sampling of the 55 wells was conducted under Task 44, and monitoring these wells was transferred to the Comprehensive Monitoring Program, which was initiated during the first quarter FY88.

Additional proposed work included development of litigation-quality data for addition to the current data base, and evaluation of the extent and nature of contamination. In order to achieve these objectives, work in six distinct technical areas was initiated. These areas are as follows:

- Review of historical data;
- Develop a monitoring program to achieve the task objectives;
- Execute the monitoring program utilizing litigation-quality sampling and analytical procedures;
- Assess data after the first sampling event for possible adjustments in the sampling and/or analytical scheme;
- Compile and interpret the accumulated data at the end of the sampling program (conducted under the WRI); and

- Coordinate with and integrate data from other current ground water tasks such as Tasks 25, 26, 36, 38, and 39 (conducted under the WRI).

During review of the historical data, a large number of wells were evaluated with respect to construction detail, sampling history, and location. Criteria for evaluating these wells are described in the Final Technical Plan, Task 44 (ESE, 1988).

An assessment of numerous types of data was performed to help design the Task 44 monitoring network. Borehole logs and geologic cross sections were examined to establish a preliminary evaluation of subsurface geology. Water-level data from the Task 4 program were examined to establish directions of ground water flow within the alluvium and to aid in the correlation of permeable units within the Denver Formation. Water-quality information from Task 4 and, as appropriate, from the historical data base were examined to formulate an assessment of the distribution of contaminants within the RMA ground water system. A preliminary assessment of hydrogeologic conditions was used to design the proposed Task 44 well network. A detailed review of well selection methodology is discussed in the Final Technical Plan, Task 44 (ESE, 1988).

All ground water monitoring wells and surface water sampling sites were sampled using uniform sampling methods. Ground water and surface water samples were analyzed for a predetermined list of analytes including numerous organic and inorganic parameters (Table). Sample collection, measurement of field parameters, and analysis of samples were performed in accordance with USATHAMA Quality Assurance/Quality Control (QA/QC) procedures (USATHAMA, 1982, RICw87048R03). These procedures included collection of field quality control samples and decontamination of all sampling equipment. Collection procedures are presented in the Final Technical Plan, Task 44 (ESE, 1988).

PROPOSED_SELECTION_OF_THE_MONITORING_NETWORK

The monitoring network was designed using numerous criteria including the following:

- o Available information on well construction;
- o An evaluation of sampling history;
- o Chemical data;
- o Sampling frequency; and
- o Well location.

A detailed description of the network election process is presented in Section 3 of the Task 44 Final Technical Plan (ESE, 1988).

The proposed Task 44 monitoring network for RMA consisted of a total of 311 alluvial, Denver Formation, and offpost wells. Of the 311 wells, 43 are located in the offpost area and 268 wells have either been recently sampled or are proposed for sampling under other RMA tasks or programs as listed below.

- o 186 Task 4 wells (includes 6 wells previously included with Task 38);
- o 43 Offpost wells;
- o 25 Task 25 wells;
- o 11 Task 38 wells; and
- o 46 Historic and recent SCC wells.

311 Wells

Historic wells are those not sampled recently. Specific wells selected for the Task 44 network from other task networks are discussed in a following section.

Except for offpost well locations, all wells were selected utilizing the criteria and methodology described in the Final Technical Plan, Task 44 (ESE, 1988).

3.1.2.2 Offpost Water Quality Monitoring Network

The offpost monitoring network consisted of 43 wells from offpost Task 6 (Contract No. DAAK11-83-D-007) as listed in Table C-1. Well selection criteria were not evaluated in depth for offpost wells because these wells were taken directly from Revision III - 360° Monitoring Program. Of the 43 total offpost wells, 42 are completed in alluvium and one is considered a

Table C-1. Task 44 Offpost Well Network

37305*	37348
37307	37349
37308	37350
37309	37351
37312	37352
37313	37353
37320	37354
37332	37355
37333	37356
37335	37357
37338	37358
37338	37359
37340	37360
37341	37361
37342	37362
37343	37363
37344	37364
37345	37365**
37346	37366
37347	

Also included are the following four alluvial domestic wells:

Boller
XII
XXI
CIII

* Well abandoned.
** Denver Formation well.

Source: ESE, 1988.

Denver Formation well. Offpost and onpost wells were sampled and analyzed using identical procedures. Offpost wells were sampled on a quarterly basis in conjunction with Task 25 and to comply with requirements of the 1975 Cease and Desist Order. Additional monitoring of the Denver Formation offpost was performed under Tasks 25, 36, and 39. These tasks include installation of additional Denver Formation monitoring wells in selected locations.

The onpost monitoring network was subdivided into an alluvial network consisting of 128 wells and a Denver Formation network consisting of 140 wells. These networks are discussed separately below. Onpost sampling was conducted Third Quarter FY87 except for the following 12 wells in the vicinity of Basin F which will be sampled quarterly:

23049	23142	26020	26085
23095	26015	26041	26127
23108	26017	26073	27016

Quarterly sampling was conducted historically for these Basin F wells, and the same sampling schedule was retained in Task 44 efforts to provide consistent sampling frequency.

Alluvial_Well_Network

The alluvial monitoring well network was designed to monitor contaminant distributions in saturated RMA alluvium. One hundred and twenty-eight onpost alluvial wells were selected for the Task 44 program (Table C-2). Many of these wells were recently sampled within the last year under current or previously existing RMA tasks:

Task 4 wells	84
Current Task 25 wells	15
Current Task 38 wells	11
Historical wells	15
Recent Shell Wells	3
Total Task 44 Wells	128

The alluvial monitoring well network is shown in Figure 3.1-3 and summarized by section in Table C-2.

Table C-2. Proposed Onpost Task 44 Monitoring Network, Alluvial Aquifer Wells (Page 1 of 2)

Section	Total Wells	Well Numbers
1	6	017, 020, 021, 024, 027, 041
2	6	008, 011, 014, 020, 034, 037
3	5	002, 005, 008, 518, 523
4	12	007, 010, 014, 021, 024, 027, 030, 038, 041, 042, 044, 045
6	2	002, 003
7	1	001
8	1	003
9	7	002, 005, 006, 008, 010, 011, 013
11	1	002
12	1	002
19	1	001
22	5	006, 021, 049, 051, 059
23	11	004, 029, 039, 049, 058, 095, 108, 142, 179, 188, 191
24	9	092, 101, 106, 107, 111, 112, 113, 158, 185
25	5	011, 015, 018, 022, 038
26	13	006, 011, 015, 017, 020, 041, 073, 076, 083, 085, 088, 127, 133
27	8	003, 005, 016, 040, 051, 053, 062, 074
28	3	022, 023, 027

Table C-2. Proposed Onpost Task 44 Monitoring Network, Alluvial Aquifer Wells (Continued, Page 2 of 2)

Section	Total Wells	Well Numbers
30	1	009
31	1	005
33	8	001, 002, 030, 033, 039, 063, 075, 077
34	7	002, 005, 008, 504, 507, 508, 515
35	7	023, 034, 037, 052, 058, 061, 065
36	7	001, 065, 075, 076, 084, 112, 139

Note:

Task 4 Wells	84
Current Task 25 Wells	15
Task 38 Wells	11
Historic Wells	15
Recent Shell Wells	3
Total Task 44 Wells	128

Source: ESE, 1987

Alluvial wells associated directly with five major potential contaminant sites are as follows:

Potential Contaminant Site	Alluvial Wells
South Plants	15
Basin A/A Neck Area	9
Basins B-E	8
Basin F	25
North Plants	5

A total of 27 alluvial wells in Sections 4, 9, and 33 (western tier) were included in the Task 44 program to provide long-term monitoring of the organohalogen and DBCP contamination associated with the Railroad Classification Yard and potential offpost sources.

Paleochannels may, under some conditions, influence directions of ground water flow and provide contaminant migration pathways that facilitate the spread of contamination. Consequently, an effort was made when selecting wells to choose wells that were situated within paleochannels or as close to paleochannels as possible to intersect potential contaminant migration paths. Approximately 42 wells were selected to investigate the importance of paleochannels at RMA as related to ground water flow contaminant migration. The paleochannels were inferred from the Army/ESE and Shell bedrock surface maps.

A set of five wells (06002, 07001, 08003, 11002, and 12002) was chosen to provide regional background monitoring of the alluvial aquifer. These wells also provide a general indication of alluvial water quality flowing onto RMA along the southern tier. A second set of five wells (06003, 19001, 25011, 30009, and 31005) was chosen to monitor the eastern side of RMA and provide contaminant boundary definition.

Denver_Formation_Well_Network

The Denver Formation monitoring well network includes 140 onpost wells chosen from over 500 onpost wells completed in the Denver Formation. Individual wells in the monitoring network are listed by section in Table C-3. Following examination of Task 4 data, it was determined that the Denver Formation ground water flow and contaminant transport systems were not as well defined as those in the alluvial system. The monitoring network selected includes a larger percentage of Denver wells than were included in the Task 4 network to provide more Denver Formation well data. Additional Denver wells were also selected to provide monitoring in the Denver Formation beneath areas of unsaturated alluvium. Most of the selected Denver Formation wells were recently sampled under other RMA tasks as outlined below:

Current Task 25 wells	10
Task 4 wells	102
Historic wells	28
Total Task 44 Wells	140

The monitoring network attempted to utilize the best existing Denver Formation wells for both upgradient and downgradient monitoring of potential contaminant sites. Wells associated directly with five major potential contaminant sites are as follows:

Potential Contaminant Site	Denver Wells
South Plants	25
Basin A/A Neck Area	17
Basins B-E	13
Basin F	16
North Plants	10

Eight wells from Sections 4, 9, and 33 (western tier) are also included within the Denver well network to provide long-term monitoring of the organohalogen and DBCP contamination associated with the Railroad Classification Yard and potential offpost sources. Available information

Table C-3. Proposed Onpost Task 44 Monitoring Network
Denver Formation Wells (Page 1 of 2)

Section	Total Wells	Well Numbers
1	12	007, 008, 012, 015, 022, 025, 036, 037, 043, 047, 048, 050
2	14	009, 010, 012, 018, 019, 021, 025, 030, 031, 035, 036, 038, 039, 043
3	3	003, 004, 006
4	3	008, 009, 011
5	1	001
6	2	004, 005
7	1	004
8	1	005
9	1	003
11	1	004
12	2	003, 004
19	3	003, 015, 017
22	6	023, 024, 027, 028, 030, 031
23	18	053, 054, 161, 177, 180, 181, 182, 183, 184, 185, 186, 187, 189, 190, 192, 193, 209, 210
24	7	086, 089, 120, 124, 127, 130, 159
25	8	009, 013, 014, 016, 017, 021, 023, 039
26	15	019, 057, 058, 061, 066, 067, 071, 072, 075, 084, 086, 129, 140, 142, 147
27	4	049, 054, 055, 057

Table C-3. Proposed Onpost Task 44 Monitoring Network
Denver Formation Wells (Continued, Page 2 of 2)

Section	Total Wells	Well Numbers
28	2	026, 028
30	1	011
32	1	002
33	4	016, 026, 032, 034
34	3	003, 006, 009
35	13	013, 016, 017, 036, 038, 039, 054, 056, 062, 063, 066, 067, 068
36	14	056, 066, 069, 083, 090, 110, 113, 114, 116, 117, 119, 121, 122, 154

Note:

Current Task 25 Wells	10
Task 4 Wells	102
Historic Wells	28
Total Task 44 Wells	140

Source: ESE, 1988

suggested these contaminants were restricted to the alluvial aquifer, but monitoring of the Denver aquifer was considered warranted to ensure that contamination had not spread to the Denver Formation.

A set of five wells (07004, 08005, 11004, 12003, and 12004) were included in the Task 44 network to provide regional background monitoring of the Denver Formation waters in the Southern Tier. These wells also provide a general indication of Denver Formation water quality flowing onto RMA along the southern tier.

A set of eight wells (05001, 06004, 06005, 19003, 19015, 19017, 30011, and 32002) monitor the eastern sections of RMA. These wells provide background information on Denver Formation water quality.

Cluster configurations were given selection preference in the Task 44 network to investigate vertical differences in hydraulic head in the Denver Formation. Table C-4 lists all wells in the Task 44 network that are present in cluster configurations. A further breakdown by section and major aquifer is given in Table C-5.

PROPOSED_ANALYTICAL_SUITE

The objectives of the Task 44 chemical analysis program were to provide PMO-RMA with reliable, statistically supportable, and legally defensible chemical data regarding type and level of contamination in surface and ground water at RMA. Task 44 required various analytical techniques to be performed on collected samples to achieve a quantitative determination of water quality. Semiquantitative confirmation of analytes identified by quantitative methods and a semiquantitative identification of nontarget compounds are were included.

The modified schedule of 50 compounds utilized in Task 4 was adopted for Task 44, with the inclusion of benzothiozole and chlordane (C-6). This analytical schedule includes seven organochlorine pesticides, DCPD, methylisobutylketone (MIBK), DIMP, DMMP, DBCP, 6 organosulfur compounds, 5 volatile aromatics, 12 volatile organohalogens, and 15 inorganic parameters (Table C-7). Semiquantitative methods (GC/MS) will be used to screen for 24 purgeable and

Table C-4. Clustered Wells Incorporated in the Proposed Task 44 Monitoring Network* (Page 1 of 2)

Section	Clusters
1	(021*, 022), (024*, 025), (041*, 043)
2	(008*, 009, 010), (011*, 012), (020*, 021), (034*, 035, 036), (037*, 038, 039)
3	(002*, 003, 004), (005*, 006)
4	(007*, 008, 009), (010*, 011)
6	(003*, 004, 005)
8	(003*, 005)
9	(002*, 003)
11	(002*, 004)
12	(002*, 003, 004)
22	(021*, 023, 024)
23	(179*, 180, 181), (188*, 189, 190), (191*, 192, 193)
24	(158*, 159)
25	(011*, 013, 014), (015*, 016, 017), (022*, 023), (038*, 039)
26	(073*, 075), (083*, 084), (085*, 086), (127*, 129)
27	(053*, 054, 055)
28	(023*, 026), (027*, 028)
30	(009*, 011)
33	(030*, 032), (033*, 034)

Table C-4. Clustered Wells Incorporated in the Proposed Task 44 Monitoring Network* (Continued, Page 2 of 2)

Section	Clusters
34	(002*, 003), (005*, 006)
35	(034*, 036), (037*, 038, 039), (052*, 054), (061*, 062, 063), (065*, 066, 067, 068)
36	(065*, 066), (112*, 113, 114)
Off Post	(37343*, 37365)

* A well cluster is defined as containing at least one alluvial well and one Denver Formation well.

* Alluvial well

Percentage of wells contained in cluster groupings = 36% (111 of 311 wells)

Source: ESE, 1988

Table C-5. Summary of Task 44 Monitoring Wells by Section

Section	Well Total	No. of Clusters*	Alluvial	Denver
1	18	3	6	12
2	20	5	6	14
3	8	2	5	3
4	15	2	12	3
5	1	0	0	1
6	4	1	2	2
7	2	0	1	1
8	2	1	1	1
9	8	1	7	1
11	2	1	1	1
12	3	1	1	2
19	4	0	1	3
20	0	0	-	-
22	11	1	5	6
23	29	3	11	18
24	16	1	9	7
25	13	4	5	8
26	28	4	13	15
27	12	1	8	4
28	5	2	3	2
29	0	0	-	-
30	2	1	1	1
31	1	0	1	0
32	1	0	0	1
33	12	2	8	4
34	10	2	7	3
35	20	5	7	13
36	21	3	7	14
Off Post	43	1	42	1
TOTALS	311	47	170	141

Total alluvial wells as a percentage of Task 44 wells = 55%

* Clusters are defined as containing at least one alluvial well and one Denver Formation well.

Source: ESE, 1988

Table C-6. Chemical Analysis - Task 44 (Page 1 of 2)

Analysis/Analytes	Hold Time	Level of Certification	Reference Methods	Method
Organochlorine Pesticides		Quantitative	EPA 608	CAP-GC/ECD
Aldrin	Extract as quickly as possible. (No more than 7 days). Analyze within 40 days of extraction.			
Endrin				
Dieldrin				
Isodrin				
Hexachlorocyclopentadiene				
p,p'-DDE				
p,p'-DDT				
Chlordane				
Volatile Organohalogens		Quantitative	EPA 601	PACK-GC/Hall
Chlorobenzene	14 days			
Chloroform	14 days			
Carbon Tetrachloride	14 days			
trans-1,2-Dichloroethylene	14 days			
Trichloroethylene (TCE)	14 days			
Tetrachloroethylene	14 days			
1,1-Dichloroethylene	14 days			
1,1-Dichloroethane	14 days			
1,2-Dichloroethane	14 days			
1,1,1-Trichloroethane	14 days			
1,1,2-Trichloroethane	14 days			
Methylene Chloride	14 days			
Organosulfur Compounds		Quantitative		PACK-GC/FPD-S
P-Chlorophenylmethylsulfone ($PCPMSO_2$)	Extract as quickly as possible. (No more than 7 days.) Analyze within 40 days of extraction.			
P-Chlorophenylmethylsulfoxide (PCPMSO)				
P-Chlorophenylmethylsulfide (PCPMS)				
1,4-Dithiane				
1,4-Oxathiane				
Dimethyldisulfide (DMDS)				
Benzothiozol				
Volatile Aromatics		Quantitative		EPA 602
Benzene	14 days			
Toluene	14 days			
o,p xylene	14 days			
M,xylene	14 days			
Ethybenzene	14 days			

Table C-6. Chemical Analysis - Task 44 (Page 2 of 2)

Analysis/Analytes	Hold Time	Level of Certification	Reference Methods	Method
DCPD/MIBK		Quantitative	EPA 608	CAP-GC/FID
Dicyclopentadiene/ Methylisobutylketone	Extract as quickly as possible. (No more than 7 days). Analyze extract within 40 days of extraction.			
DIMP/DMMP	Analyze within 40	Qualitative	EPA 622	PACK-GC/FPD-P
Diisopropylmethylphosphonate/ Dimethylmethylphosphonate	of extraction.			
DBCP		Quantitative		CAP-GC/ECD
Dibromochloropropane	Extract as quickly as possible (No more than 7 days). Analyze extract within 40 days of extraction.			
Inorganics		Quantitative		
Calcium			EPA 200	Inductively Coupled Plasma
Magnesium				
Sodium				
Potassium				
Cadmium	Analyze within			
Copper	6 months			
Chromium				
Lead				
Zinc				
Arsenic			EPA 206	AA-Hydride
Mercury	Analyze within		EPA 245	Cold Vapor
Chloride	28 days		EPA 300	Ion Chromatograph
Fluoride				
Sulfate				
Nitrate + Nitrite	28 days with H_2SO_4 (Ph of 2); 48 hours with chilling only		EPA 352.1	Auto Analyzer

Source: ESE, 1988.

Table C-7. Compounds Analyzed by Semiquantitative Methods

Analysis/Analytes	Hold Time	Level of Certification	Reference Methods	Method
Purgeables		Semiquantitative	EPA 624	GC/MS
Ethylbenzene	14 days			
Benzene				
MIBK				
DMDS				
1,1-Dichloroethane				
1,2-Dichloroethane				
1,1,1-Trichloroethane				
1,1,2-Trichloroethane				
Methylene chloride				
Chloroform				
Carbon tetrachloride				
trans-1,2-Dichloroethylene				
Toluene				
Chlorobenzene				
Tetrachloroehtylene				
Trichloroethylene				
m-Xylene				
o- and/or p-Xylene				
DBCP				
Dicyclopentadiene				
Bicycloheptadiene				
1,2-Dichloroethane				
Methylene chloride				
Ethylbenzene				
Extractables		Semiquantitative	EPA 625 (neutral extraction)	GC/MS
Aldrin	Extract as quickly as possible. (No more than 7 days). Analyze extract within 40 days of extraction.			
Atrazine				
Chlordane				
PCPMS				
PCPMSO				
$PCPMSO_2$				
DBCP				
DCPD				
4,4'-DDE				
4,4'-DDT				
Dieldrin				
DIMP				
Dithiane				
Endrin				
HCCPD				
Isodrin				
Malathion				
Oxathiane				
Parathion				
Supona				
Vapona				
2-Chlorophenol				
1,3-Dichlorobenzene				
Diethylphthalate				
Di-n-Octylphthalate				

Source: ESE, 1988

25 extractable compounds (Table), and to identify nontarget analytes. The analytical list was derived from various sources including:

- o An evaluation of contaminant source characteristics at RMA and compounds attributable to activities at these sites;
- o A review of the historical chemical data and recognition of compounds previously detected; and
- o Additional input from the Memorandum of Agreement (MOA) parties.

Approximately 10 percent of the collected samples were analyzed by GC/MS techniques. Wells with samples that contained a large number of analytes or with high baseline concentrations were given priority for GC/MS analysis.

Defensibility and technical quality of the data was assured by proper documentation of procedures used during the analytical survey. Sample preparation, materials, shipping, handling, chain-of-custody procedures, etc. were consistent with those required in Task 1.

SUMMARY OF COMPOSITE WELL PROGRAM DRILLING, WELL INSTALLATION, DEVELOPMENT, AND SAMPLING

The following section discusses the geotechnical program for Task 44. This includes well drilling, installation and development carried out under the composite well program, as well as well sampling procedures employed by Task 44.

DRILLING METHODS

Two drilling methods were selected for the construction of monitoring wells or for contaminant data acquisition in earth materials. These were rotary and hollow stem auger drilling. Personnel safety and sample integrity were the main factors in the selection of these two methods. Whether rotary or hollow stem auger was used at a particular site was determined by site conditions and proposed depth. Alluvial wells were generally drilled using auger methods, and Denver Fm wells with rotary methods. Monitoring wells were drilled using auger or rotary techniques according to conditions encountered at the site.

Techniques and procedures associated with the drilling program, including downhole geophysical surveys, were consistent with those outlined in Section 3.0 of the Task 1 Technical Plan as well as USATHAMA Geotechnical Requirements (1983).

Drilling equipment, including drill rods, samplers, tools, and water tanks, were steam cleaned prior to arrival at RMA and washed with approved water before arrival at each boring or well site. Water used in drilling, grouting, or decontamination was obtained at a source approved by the PMSO. Only USATHAMA approved lubricants, such as petroleum jelly, were used on the threads of downhole drilling equipment. Air usage was fully documented with equipment descriptions and oil filter specifications. Only USATHAMA approved air systems were used.

Continuous alluvial soil samples were collected using rotary or hollow-stem auger sampling techniques. The continuous soil samples were collected in polybutyrate tubes and transferred to a central logging facility. The soil samples were logged and then stored in the polybutyrate tubes or one-pint wide-mouth jars.

Rotary core drilling methods were used to collect 2 1/2-inch diameter rock cores. Hollow-stem augers or conductor casing were advanced into bedrock, sealed with bentonite, and then rinsed with approved water to minimize contamination from alluvial materials. The rock cores were taken from a depth of at least 5 ft below the water bearing unit that was to be screened. The rock cores were logged in detail, photographed, wrapped in plastic, and then stored in cardboard coreboxes.

WELL_DRILLING_AND_INSTALLATION

Installation of monitoring wells began within 12 consecutive hours of borehole completion for uncased or partially cased holes, and within 60 consecutive hours for fully cased holes. Once installation had begun, no break in the installation process was made until the well had been grouted and the protective casing installed. All materials used in well construction were approved by USATHAMA and PMO-RMA prior to use.

Alluvial Wells

Alluvial wells were first drilled and continuously sampled using 3 1/4-inch ID hollow stem augers and split spoon samplers. Permeable zones were identified and the hole was reamed with an 8 1/4-inch ID hollow stem auger in preparation for completion with 4-inch PVC casing and screen. The hollow-stem augers were advanced 1 to 2 ft into bedrock. In general, wells were screened from the bedrock contact to approximately 5 ft above the water table surface. Wells were completed inside hollow-stem augers as shown in Figure.

Bedrock Wells

In general, bedrock wells were drilled using direct rotary methods. In instances when sloughing of alluvial material was not a problem, and precautions to prevent cross-contamination were not necessary the bedrock was drilled with hollow-stem augers. The utilization of hollow stem auger drilling for bedrock wells only occurred in a few locations.

In instances where cross-contamination was possible, the borehole was reamed and conductor casing were telescoped and grouted in place using Halliburton techniques. This procedure was followed until the aquifer to be monitored was encountered.

1.3 WELL CONSTRUCTION

Well construction was conducted within the hollow stem augers or within surface casing if rotary methods were employed. The various components of well construction were similar for both drilling methods. These include: screens, casing and fittings, sand pack, bentonite seal, gravel seal, and protective casing. Figures C-1 through C-7 illustrate the Denver well completion techniques implemented for a variety of natural situations. Typical alluvial well construction is illustrated in Figure C-8, while a schematic drawing of cluster site completion is shown in Figure C-9.

Well Screens, Casings, and Fittings

Well screens were commercially fabricated, 4-inch ID, high-flow, 20-slot (0.020-inch) PVC. A threaded PVC cap was fitted 6 inches below the screen openings. The screens were installed throughout the water bearing unit and

were attached to schedule 40 PVC casing by a nonrestrictive threaded joint.

Alluvial wells were screened 5 ft above the water table. Standard black iron pipe casings of various diameters were used to telescope down and prevent cross-contamination between aquifers. Prior to installation, all screens and casing materials were decontaminated and stored in plastic. This required cleaning and removal of all foreign matter (adhesive tape, labels, soil, grease, etc.) and washing with approved water. Casing tops were fitted with oversized hand-removable caps.

Stainless steel well centralizers were attached by stainless steel clamps only on the cased portion of the well and only above the sand pack. Boreholes that contained excessively thick or particulate-laden fluid, which could have interfered with casing and screen installation, were purged with USATHAMA-approved water.

Sand_Pack

The annular space between the casing/screen assembly and the borehole was filled with a gravel/sand pack to a depth of no less than 5 ft above the well screen. A 1-pint sample of gravel/sand pack material was submitted to PMO-RMA for approval prior to use on site. The material used was 8- to 12-mesh silica sand from Colorado Silica Sand, Inc. If water was needed to facilitate placement of the gravel/sand pack, a minimal amount of approved water was used. The volume of this water was recorded for subsequent removal during well development.

Bentonite_Seal

A 5 ft bentonite seal was placed in the annulus above the sand pack in most wells. In a few locations shallow ground-water table conditions prevented this. The thickness was that measured immediately after placement, without allowance for swelling. Commercially available bentonite pellets were used in all cases. This material met USATHAMA specifications and was approved by PMO-RMA prior to use on the site. Bentonite seals were placed as shown in Figures C-1 through C-9.

Grout_Seal

Annular spaces in alluvial monitoring wells were sealed by pumping cement grout through a tremie-pipe placed at the bottom of the target interval, or by gravity placement within the hollow-stem auger. The grout was composed of 10 parts cement to a minimum of 1 part bentonite, and a maximum of 12 gallons of water per sack of cement.

The annular space between conductor casings in Denver Fm monitoring wells were pressure grouted from the bottom of the casing using Haliburton-type techniques. These materials met USATHAMA specifications and were approved by PMO-RMA prior to use on site. The grout seal was inspected for settlement 24 hours after placement and, if necessary, grout was added to the level of the ground surface.

Protective_Casing

A lockable protective casing was set into the grout seal surrounding offpost wells. The 5-ft long protective casing was constructed from 8-inch-diameter steel pipe with a lid capable of being locked. The casing, cleaned of all foreign matter prior to use, was extended into the grout about 3.0 ft below the ground surface. The offpost wells were padlocked at the time of the installation of the protective casing. After installation, the outside of the protective casing was painted white, and the well identification was painted black. All painting was done with a paintbrush.

Aggregate cement was poured to a depth of about 0.5 ft above the ground surface in the annular space between the protective well casing and the outside of the monitoring well casing. A circular 4-ft diameter pad 0.5 ft thick was poured around the protective casing. A 0.25-inch-diameter drainage port was drilled in the protective casing just above the level of the internal mortar within the protective casing.

1.4 WELL_DEVELOPMENT

Upon completion of the well installation, the monitoring wells were developed at least two weeks prior to sampling. Well development was conducted by means of either a submersible pump or a bottom discharge bailer, with or without a surge block. A minimum of five times the volume

of standing water in the well, sand pack, and annulus were removed, in addition to five times the volume of water that was added and lost during drilling or completing the well. The wells were developed until the water was clear, sediment-free and of consistent conductivity. Wells were not considered fully developed until the measured thickness of sediment remaining in the well was at 5 percent or less of the screen length. Most wells were developed to the point where sediment content was less than 2 percent.

Measurements obtained and recorded included static water level before and after development, field pH, and conductivity measurements before, during, and after development. Stability of these parameters was an indication of representative ground-water quality. For each well, a 1-pint sample of the last water to be removed during development was collected and retained. An example well development sheet is shown in Figure C-10.

2.3 GROUND-WATER SAMPLING PROCEDURES

The Task 44 ground-water monitoring procedures summarized below describe both methods for measurement of static water levels and for collection of water-quality samples. These methods are described in detail in the Task 44 Final Technical Plan (ESE, 1988).

Static water levels were measured with either Soil Test Model DR-760A or Solinst water-level indicators. Total depths were measured with bottom-weighted, nylon-coated steel measuring tapes. Measured values were reported to the nearest tenth of a foot. All pertinent information obtained during the water-level measurement effort was recorded on water-level measurement forms and in bound field notebooks. The following information was recorded for each well measured:

- Well number;
- Casing diameter;
- Date and time;
- Photoionization Detector (PID) readings;
- Casing stickup above ground surface;
- Depth to water from top of casing;
- Total depth;

- o Water-level measuring device;
- o Observer's initials; and
- o Pertinent observations including well conditions.

On arriving at the well site, the following information was recorded on sample data sheets and in field notebooks:

- o Well number;
- o Date and time;
- o Pertinent observations including weather and well conditions;
- o Well information including station elevation, casing diameter, and screened interval;
- o Field instrument identification;
- o Initial PID readings for background and casing headspace;
- o Well stickup above ground surface;
- o Depth to water; and
- o Total well depth.

Field instruments were calibrated against known standards prior to purging each well. These instruments were used to monitor field parameters including pH, temperature, and conductivity. In addition, dissolved oxygen was monitored in all pumped wells. Field parameter values were recorded for a portion of the initial water discharged from the well, after each casing volume was removed, and immediately prior to sample collection. An alkalinity titration was also performed on the portion of the well water obtained immediately prior to sampling.

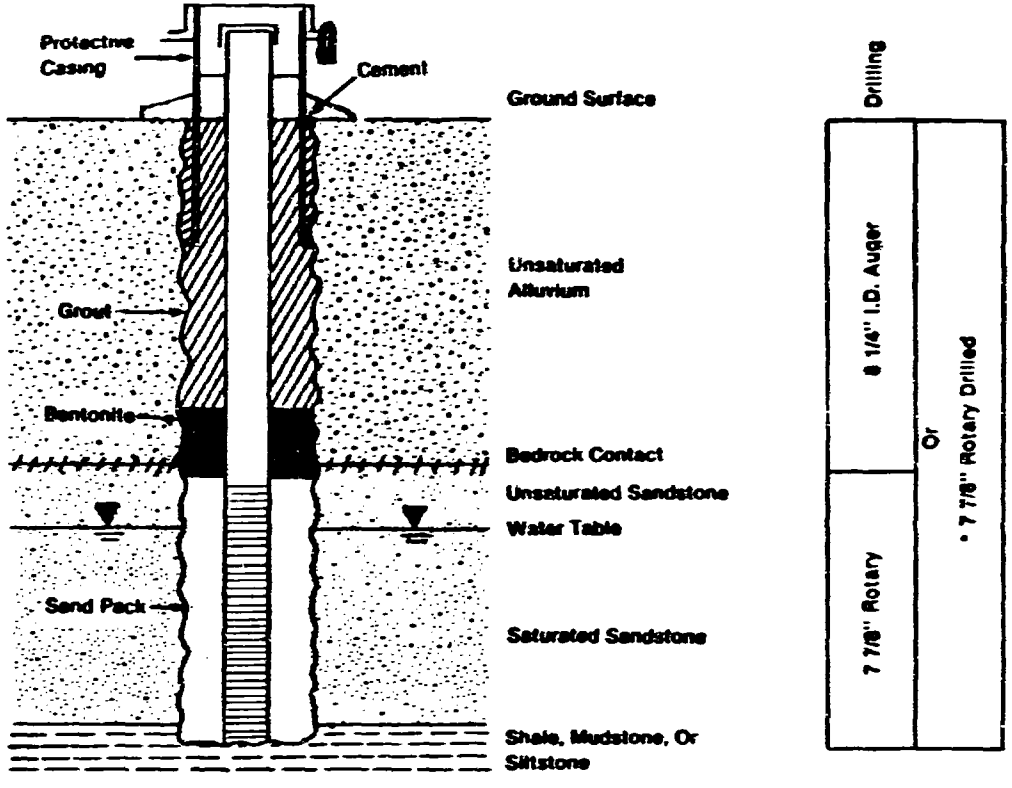
All wells were purged and sampled with either a pump or bailer. In general, wells containing less than 4 gallons/casing volume or known to dewater at one casing volume were purged and sampled by bailing; all other wells were pumped. The types of pumps used during the Task 44 sampling effort included 1.8-inch diameter ISCO Model 2600 bladder-type pumps, a 1.4-inch diameter Bennett Model 140 pump, and a 3-inch diameter Standard pump. An in-line flow cell consisting of an air-tight chamber fitted for instrument probes was used during purging in all pumped wells. Purged water from onpost wells was containerized at the well site. Offpost, purged water was discharged at least 50 ft from the well into natural drainage. A minimum of five casing

volumes were removed from each well prior to sampling; however, samples were not collected until field parameters had stabilized from three consecutive casing volumes. In the event that a well dewatered prior to the removal of five casing volumes or prior to stabilization of field parameters, samples were collected once sufficient recharge had been attained. If sufficient recharge was not attained within a 24-hour period, as many sample fractions were collected as possible.

Ground-water samples were collected either directly from pump discharge lines at low flow rates or from bottom-decanting bailers. All volatile and semivolatile sample fractions were filled completely and capped tightly to avoid air bubbles. Except for metals, all remaining sample fractions were filled to a minimum of 90-percent capacity. Metals fractions were filtered in the field using 0.45-micrometer nitrocellulose or cellulose acetate filters, filled to a minimum of 700 milliliters, and preserved with dilute nitric acid to a pH of 2 or less. Unfiltered nitrate fractions were preserved with sulfuric acid to a pH of 2 or less. All samples were placed on ice immediately upon filling and accompanied by appropriate chain-of-custody records.

All equipment used for sampling and water-level measurement was thoroughly decontaminated at the well site prior to storage. Each pump was decontaminated by triple rinsing all external parts with deionized water and pumping a volume of deionized water equal to three times the volume of the pump and hoses through the lines. All other equipment was cleaned in a solution of water approved by the Contracting Officer's Representative (COR) and trisodium phosphate, rinsed with COR-approved water, and triple rinsed with deionized water. All decontamination water was containerized at the well site.

Further description of Task 44 field procedures including sample shipment and documentation may be found in the Task 44 Final Technical Plan (ESE, 1988).



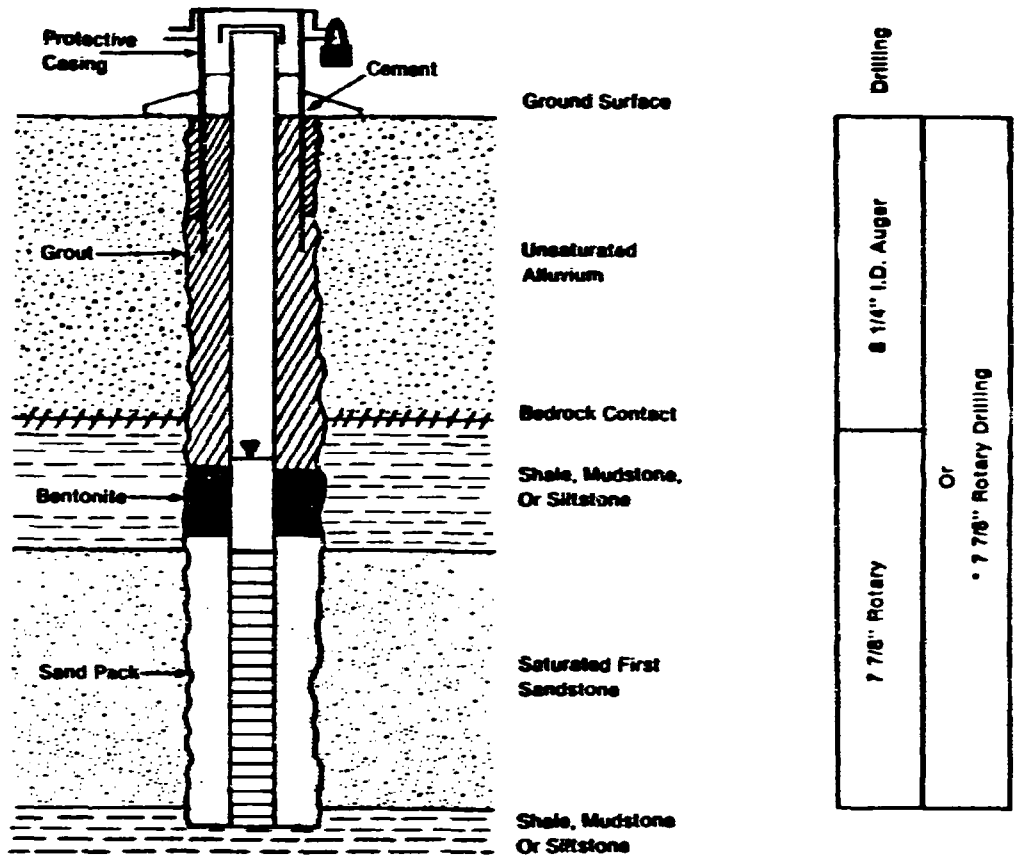
* Field Determination After Drilling Alluvium

CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-1
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM. WELL COMPLETED IN FIRST SANDSTONE, ALLUVIUM UNSATURATED, SANDSTONE AT THE ALLUVIAL-BEDROCK CONTACT, SANDSTONE PARTIALLY SATURATED)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



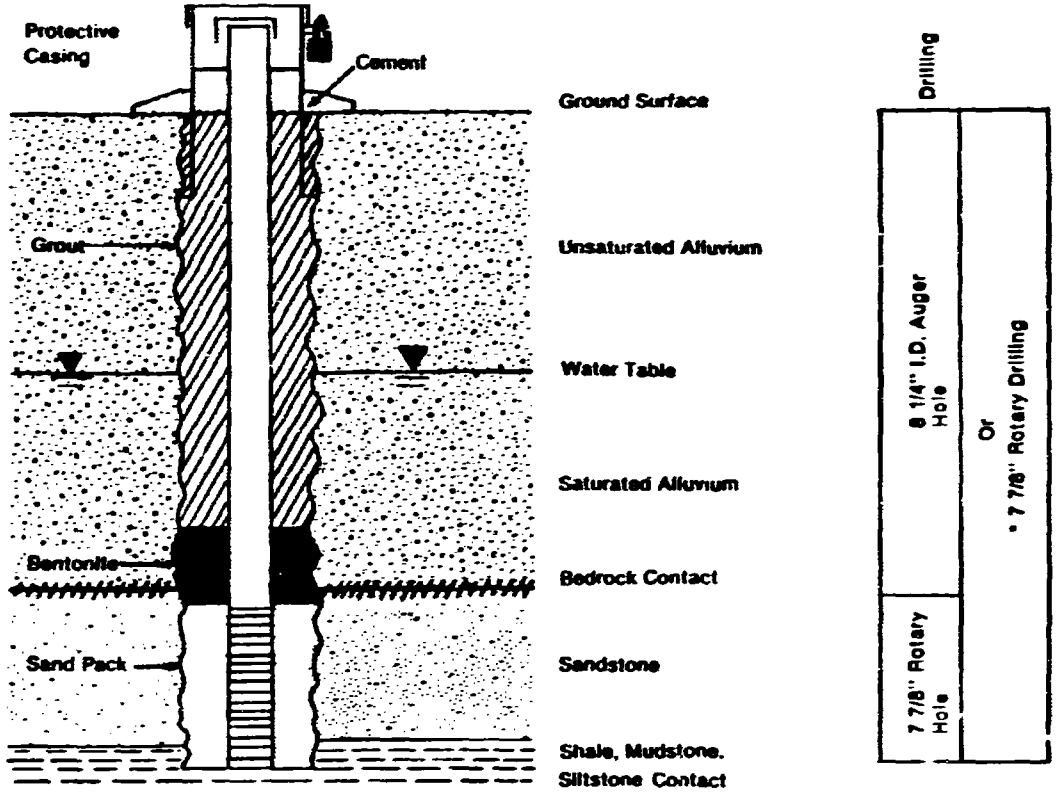
* Field Determined After Drilling Alluvium

CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-2
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM WELL COMPLETED IN FIRST SANDSTONE, ALLUVIUM UNSATURATED, SHALE AT THE ALLUVIAL-BEDROCK CONTACT)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



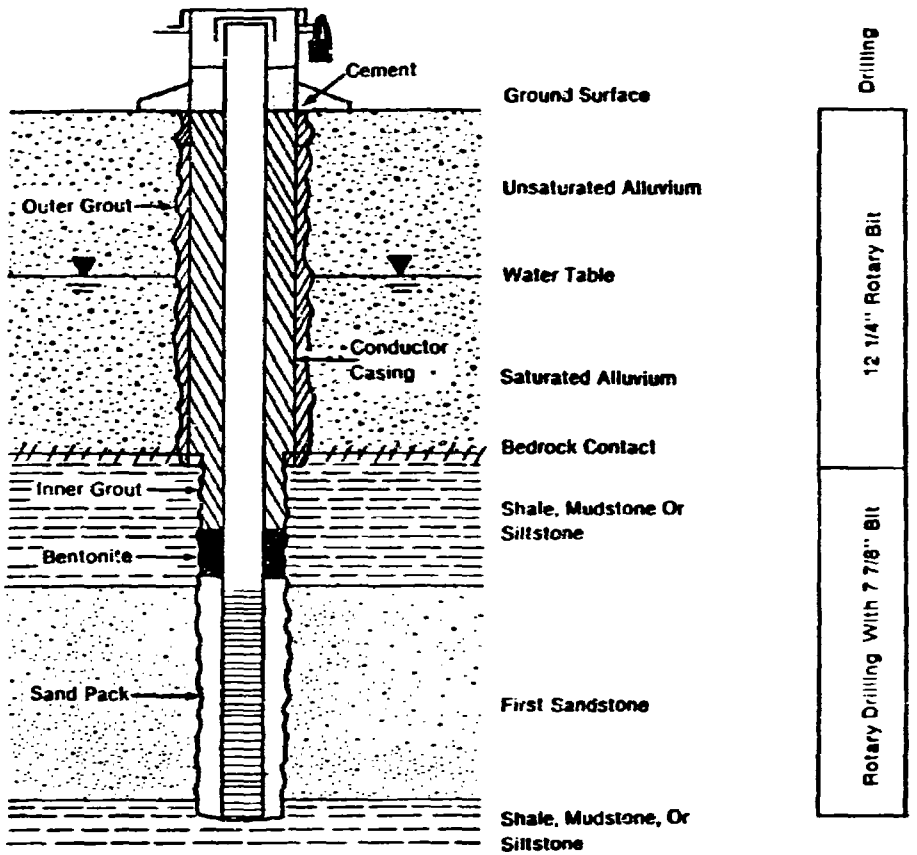
* Field Determination After Drilling Alluvium

CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-3
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM. WELL COMPLETED IN FIRST SANDSTONE, ALLUVIUM SATURATED, SANDSTONE AT THE ALLUVIAL-BEDROCK CONTACT)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

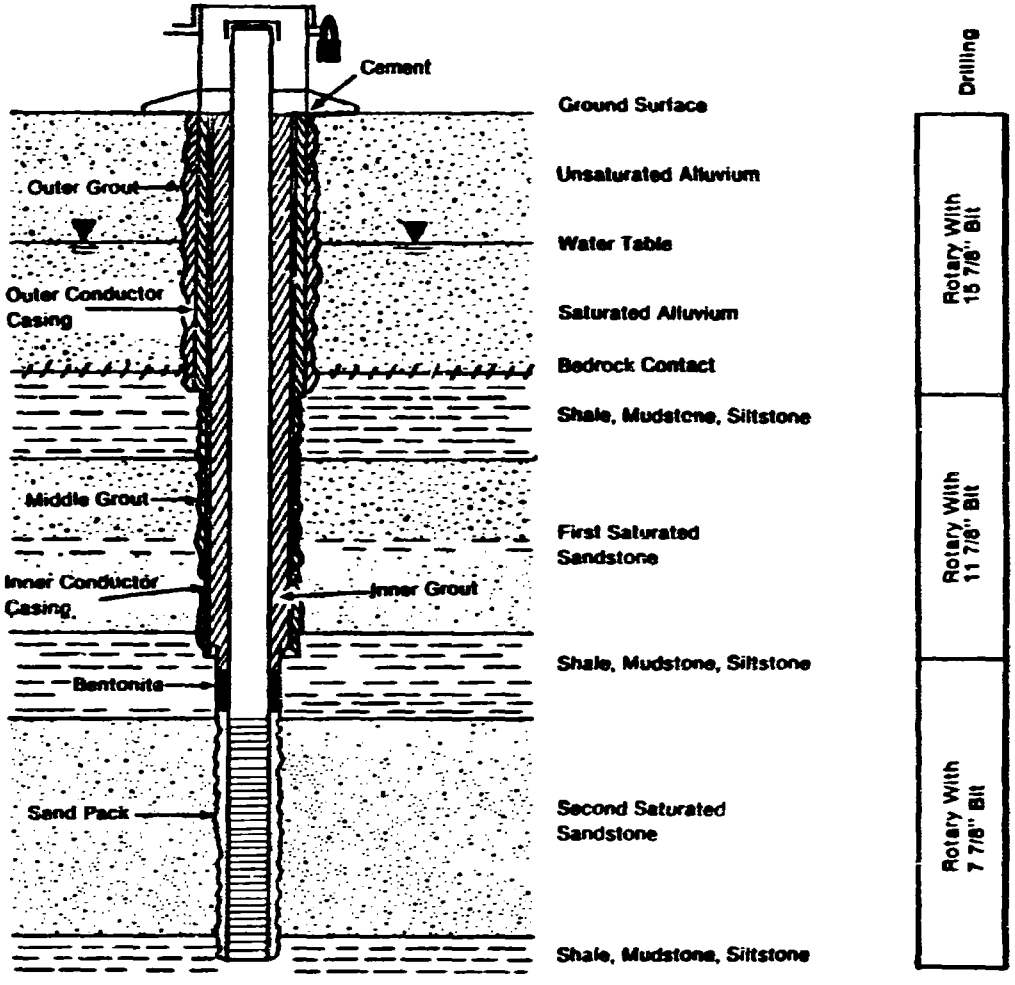


CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-4
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM WELL COMPLETED IN FIRST SANDSTONE, ALLUVIUM SATURATED, SHALE AT THE ALLUVIAL-BEDROCK CONTACT)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

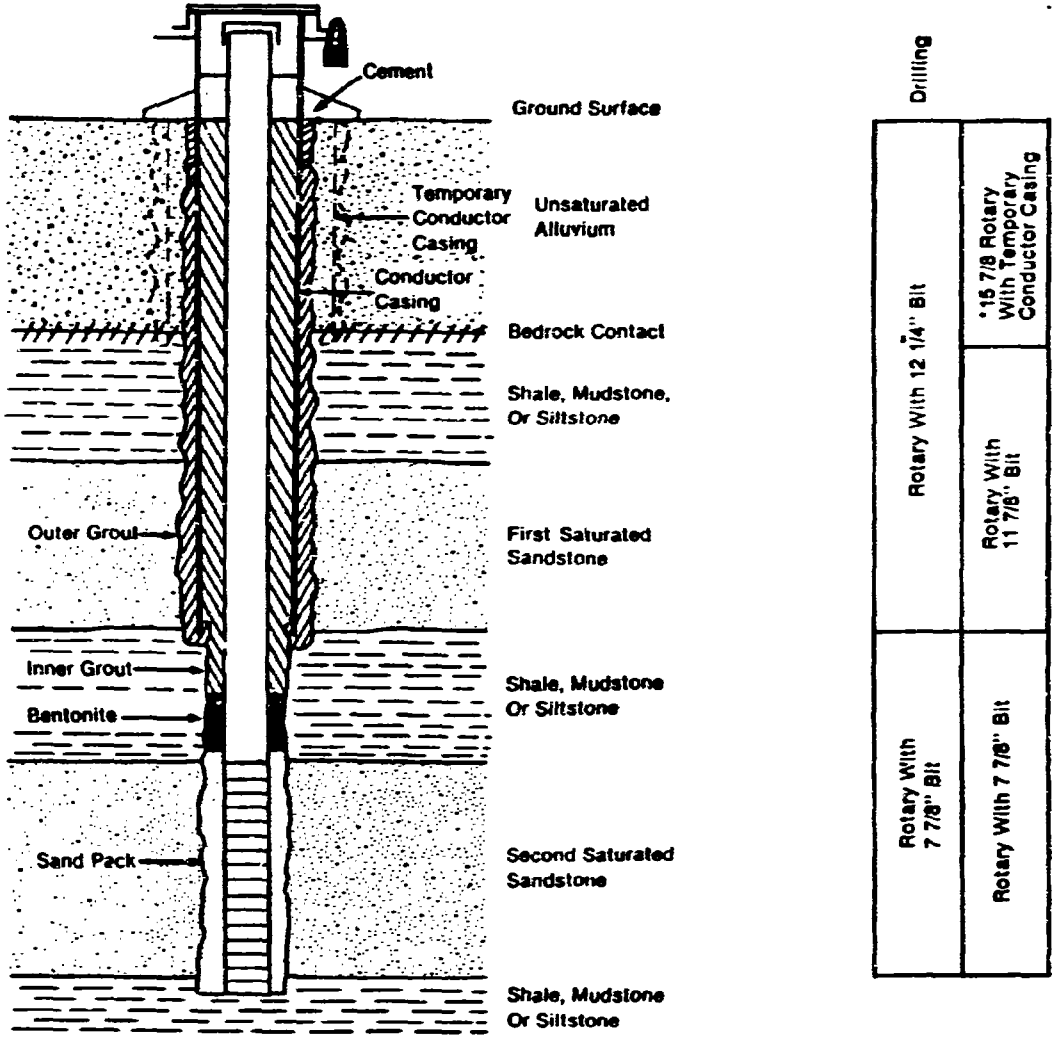


CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-5
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM WELL COMPLETED IN SECOND SANDSTONE, ALLUVIUM SATURATED, SHALE AT THE ALLUVIAL-BEDROCK CONTACT)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



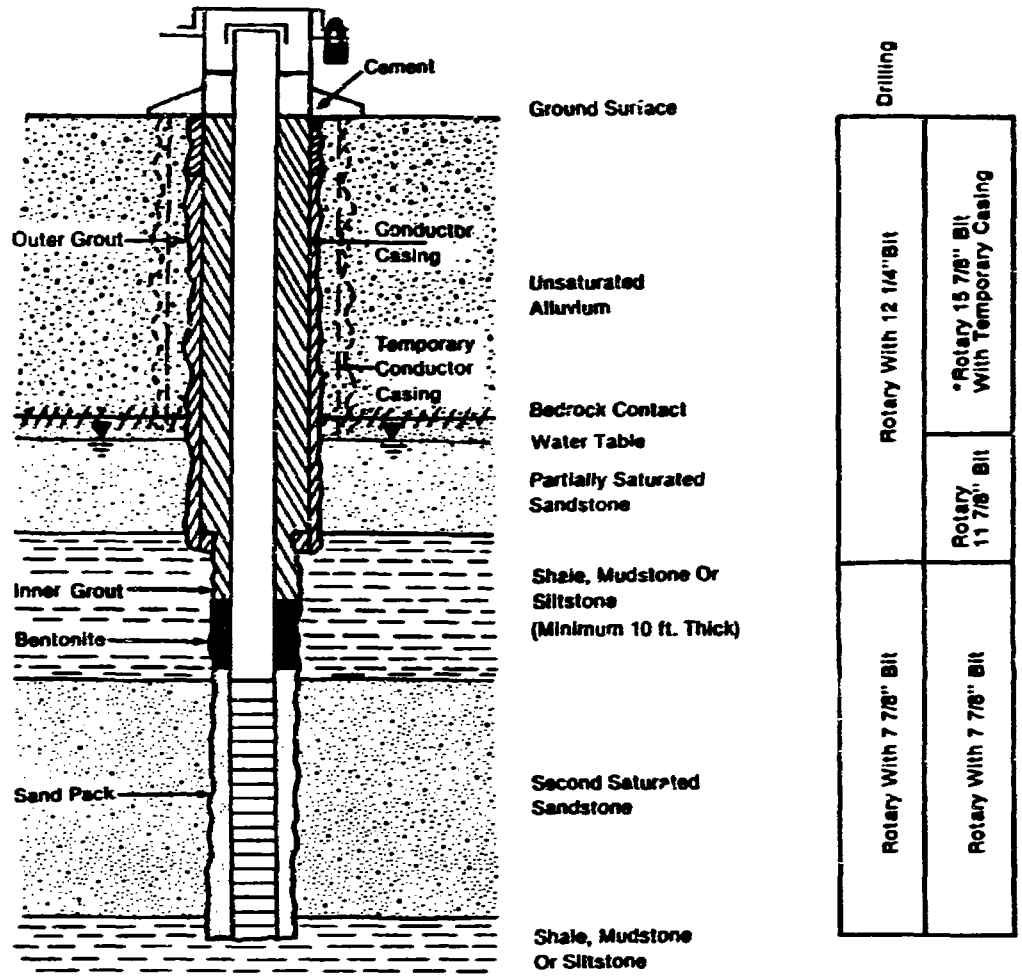
* Field Determination After Drilling Alluvium

CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-6
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM. WELL COMPLETED IN SECOND SANDSTONE, ALLUVIUM UNSATURATED, SHALE AT THE ALLUVIAL-BEDROCK CONTACT, FIRST AND SECOND SANDSTONE SATURATED)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



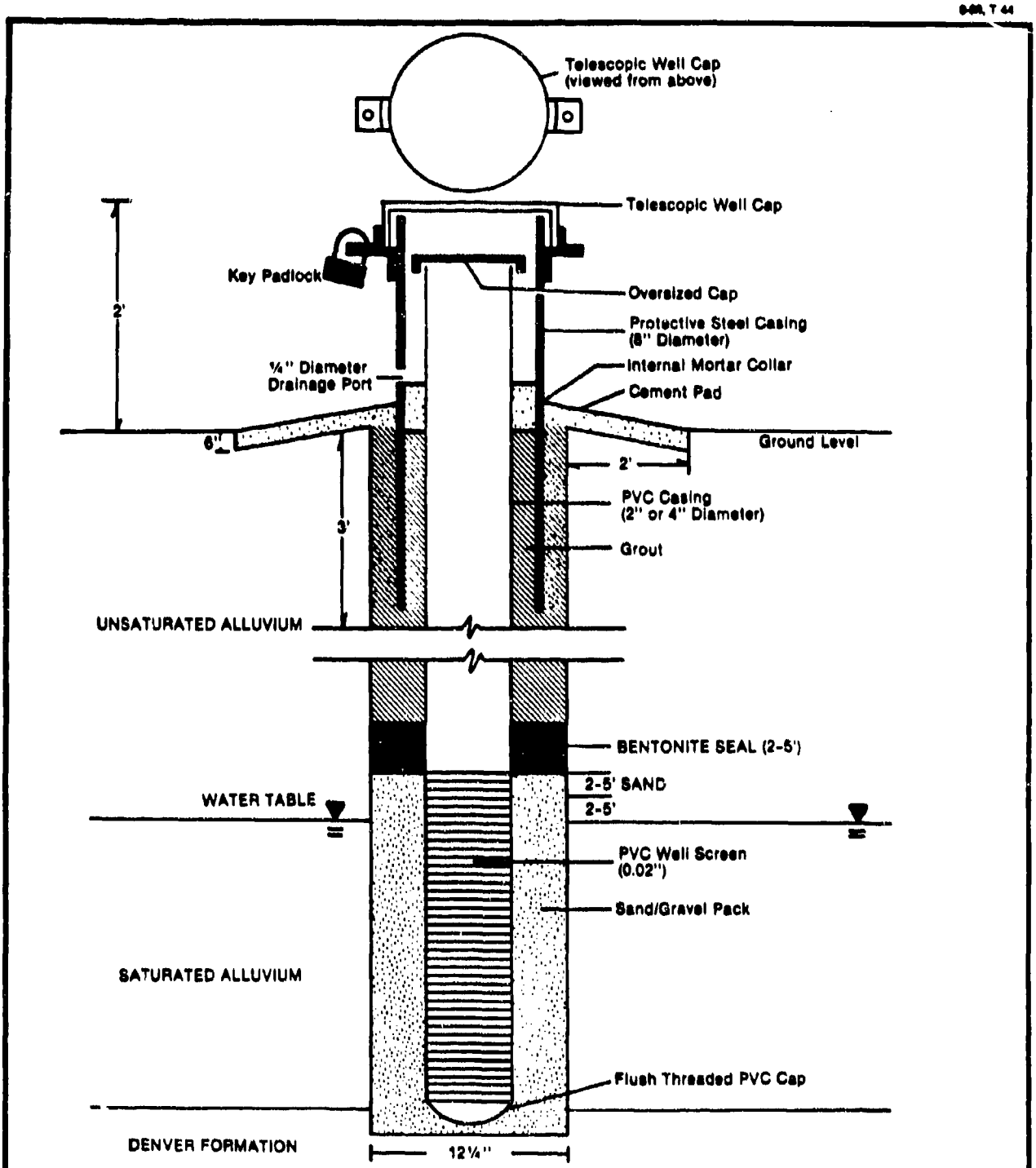
* Field Determination After Drilling Alluvium

CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-7
GENERALIZED BEDROCK AQUIFER MONITOR WELL CONSTRUCTION (DENVER FM. WELL COMPLETED IN SECOND SANDSTONE, ALLUVIUM UNSATURATED, SATURATED SANDSTONE AT THE ALLUVIAL-BEDROCK CONTACT)

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



SCALE: DIAGRAMMATIC

CENTRALIZERS WERE PLACED ON ALL BLANK CASINGS AT INTERVALS OF NO MORE THAN 40 FEET.

Figure C-8

GENERALIZED AQUIFER MONITOR WELL CONSTRUCTION

SOURCE: Hunter/ESE, 1988

Prepared for:
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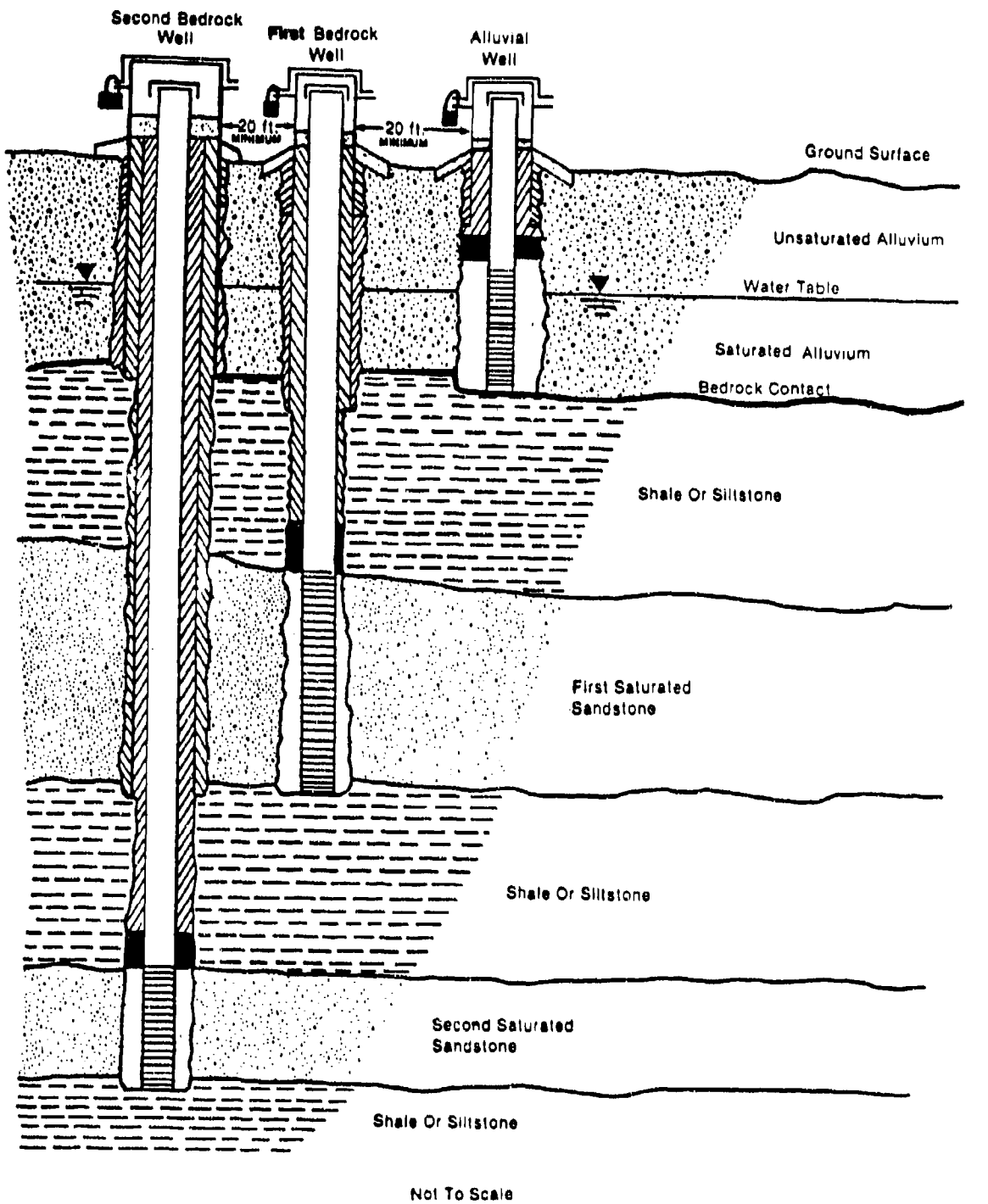

Figure C-9

SCHEMATIC DRAWING OF A TYPICAL CLUSTER WELL INSTALLATION

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET _____ OF _____

WELL DEVELOPMENT DATA

Bore_____ Well_____

Project _____ Project Number _____

Date(s) Developed_____ Date Installed _____

Personnel (Name/Company) _____ Well Diameter (I.D.) _____ in.

_____ Anulus Diameter _____ in. _____ ft. to _____ ft.

Rig Used_____ _____ in. _____ ft. to _____ ft.

Pump (Type/Capacity)_____ Screen Interval _____ ft. to _____ ft.

Bailer (Type/Capacity)_____ _____ ft. to _____ ft.

Water Source_____ Casing Height (Above G.L.) _____ ft.

Measured Well Depth TOC (Initial) _____ ft. Bottom of Screen (Below G.L.) _____ ft.

(Final) _____ ft.

Water Level TOC/Date/Time (Initial) _____

(after 24 hrs.) _____

Feet of Water in Well_____ ft. x _____ gallons/foot = _____ gallons casing/anulus volume

Drilling Fluid Lost _____ gallons One Purge Volume _____ gallons

Purge Water Lost_____ gallons Minimum Purge Volume _____ gallons

Added Water _____ gallons Total Purge Volume _____ gallons

Casing/Anulus Volume _____ gallons Volume Measured By _____

Surge Technique _____

Calibration. pH Meter Used: _____

pH 7.00 = _____ at _____ °C. pH 10.00 = _____ at _____ °C

Conductance Meter Used _____

Standard _____ umhos/cm at 25°. Reading _____ umhos/cm at _____ °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial					
Final					

Remarks: _____

_____

_____

Collected by _____ Signature _____ Date

Checked by _____ Signature _____ Date

Figure C-10
WELL DEVELOPMENT DATA FORM

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arse
Aberdeen Proving Ground, Maryland

APPENDIX C.2: WELL CONSTRUCTION DATA

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ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP-53 Well 23220, 23221, 23222
Project Name and Location MW Installation - Task 44 Project Number 17053 058 10
Drilling Company Boyles Driller Roach Rig Number Failing 25
Drilling Method(s) Rotary - with bentonite drill mud

Size(s) and type(s) of bit(s) 7 7/8" blades, 3 7/8" tricone
Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 40 ft. ____ cm.
3 7/8 in. ____ cm. 40 ft. ____ cm. to 132 ft. ____ cm.
Sampling Methods Continuous core
Total Number Soil Sampling Tubes —
Total Number Core Boxes 6
Number of Gallons Lost Drilling Fluid ≈ 300
Date/Time Started Drilling 4·29·87 0941
Date/Time Completed Drilling 4·30·87 1535
Total Borehold Depth 132 ft. ____ cm.
Depth to Bedrock 40 ft. ____ cm.
Depth to Water — ft. ____ cm.
Water Level Determined By? —
Borehole Completed as Monitoring Well? No
Date/Time Grouting Completed 5·1·87 0944
Depth of Tremmie Pipe 130 ft.
Gallons of Grout 90 gals.
Materials Used 4 bags cement, 90 gals. water, partial bag bentonite
Comments grouted to surface - PVC removed as much as possible (≈ 4' below ground)

Wellsite Geologist C Benson Date 5.1.87
Checked for Grout Settlement on 5/2/87 by [signature]
Amount of Grout Added none needed
All Measurements from Ground Level
Reviewed by [signature] Date [illegible]
Drill Site Geologist ____ Date

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7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP53A Well Number: 23220

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0	0-2	100%		0-2	ML	silt/sand/clay — clay 40%, silt 20%, sand 20%, 2.5y 4/4 olive brown, med. dense, nonplas., dry -occas. roots.
2	2-4	100%		2-4	SM	Silty sands - silt 12%, clay 1% (slight), 10yr 5/4 yellowish brown, loose, nonplas, dry, occas. calc. rich area
4	4-6	100%		4-6	SC	5'-5.6' interbed of SC - clayey sand - clay 40% - 10yr 3/6 dk yellowish brown, dense, nonplas, dry
6	6-8	100%		6-8		6" - calc/dolo. intensified to 2" band. calc/dolo. about 5% throughout sample 6-8'
8	8-10	100%		8-10	CL	CLAY (SANDY) — sand 20% - 10yr 4/4 dk. yellowish brown - med. dense, nonplas dry
10	10-12	100%		10-12		
12						

C-43

Drill Site Geologist: C-Litus Log: C Benson Date: 5 12 87

Reviewed By: [signature] Date: [illegible]

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP 53A Well Number: 23220

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
14	12-14	100%		12-14	CL	CLAY (sandy) Sand 20% - 10yr 4/4 dk yellowish brown, med. dense, nonplas, dry
	14-16	100%		14-16		
16	16-18	80%		16-18		
18	18-20	70%		18-20	17.5 SW	GRADED SANDS - 10% gravel, 2.5y 4/4 olive brown, loose, nonplas, dry gravel usually rounded to subrounded, 1/4" - 1/2", mine
20	20-22	80%		20-22	21 SC	Clayey Sand - clay 30% - 2.5yN4/2 dk grayish brown, med. dense, nonplas, sl. moist (?)
22	22-24	100%		22-24	CL	clay - 2.5yN4/2 dk grayish brown, dense, nonplas, dry
24					23.1	CP - Gravel/Sand

Drill Site Geologist: C Litus Log: C Benson Date: 5/2/87 C-44

Reviewed By: _____ Date: _____

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EPS3A Well Number: 23220

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
	24-26	90%		24-26	GP	gravel/sand mixture - gravel 60% - gravel subangular to subround 10yr 5/4 yellowish brown, loose, non plas., dry
					25.5 SP	SANDS - Fine, 10yr 5/4 yellowish brown, loose, non-plas, dry
26	26-28	80%		26-28		gravel appears at 26' - gravel 10% - mostly 1/2 or smaller (pea-size), well rounded -
28	28-30	100%		28-30		
30	30-31.2	100%		30-31.2		
	31.2-33	80%		31.2-33		31.2' gravel increases to 2" down to "4", subangular approx. 15%
32	33-35	50%		33-35		Moist sample at 34'
34	35-37	90%		35-37		saturated, water at 35'
36						

Drill Site Geologist: [illegible] Date: 5/12/87 C-45

Reviewed By: [illegible] Date: [illegible]

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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ENGLEWOOD, COLORADO 80112 • 303/741-0839

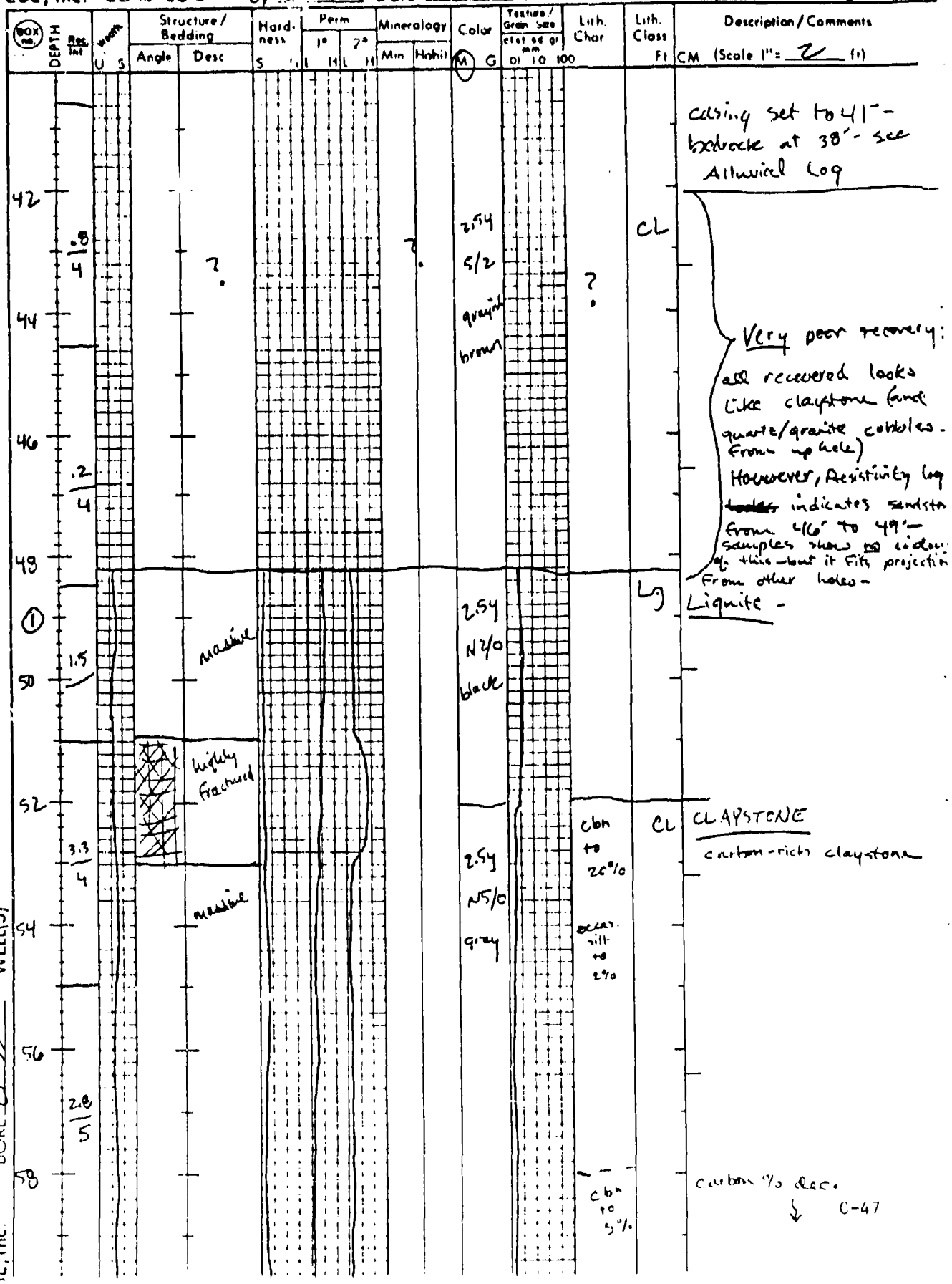
Borehole: EP-53A Well Number: 23220

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
					SP	gravelly sands, gravel 10%, (10yr 5/4 yellowish brown, coarse), non plas, sat.
						→ 36.6 - 36.8' clay/weathered bedrock seam
	37			37		
38	39	10%		39		BEDROCK at 38'
						claystone - 5y 5/3 olive - soft & weathered
40						END OF BORING AT 40'

Drill Site Geologist: C Lintz Log: C Lintz Date: 7-27-87

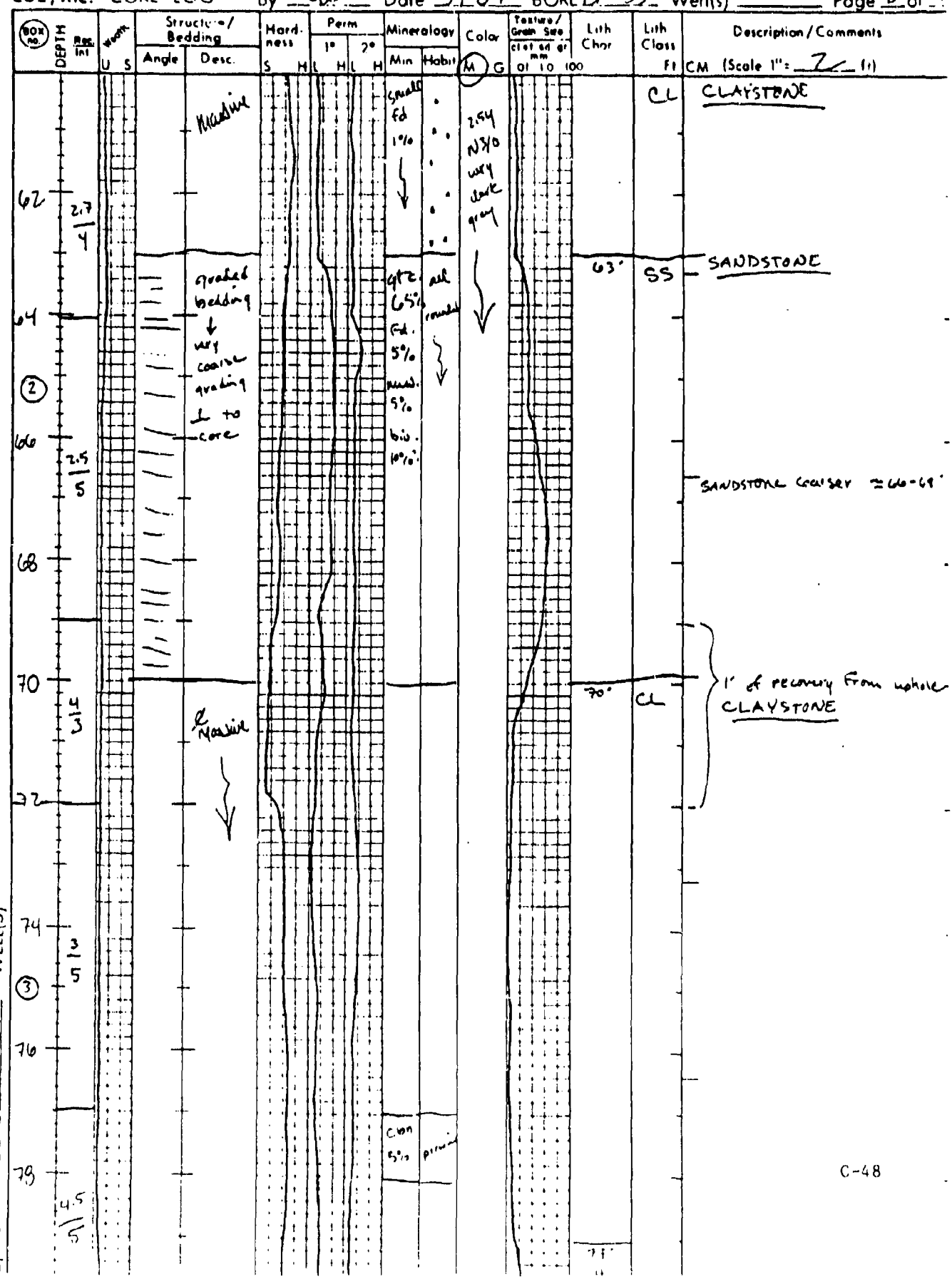
Reviewed By: [illegible] Date:

ESE, Inc. CORE LOC By CAB Date 5-1-87 BORE EP-53 Well(s) _____ Page 1 of 5



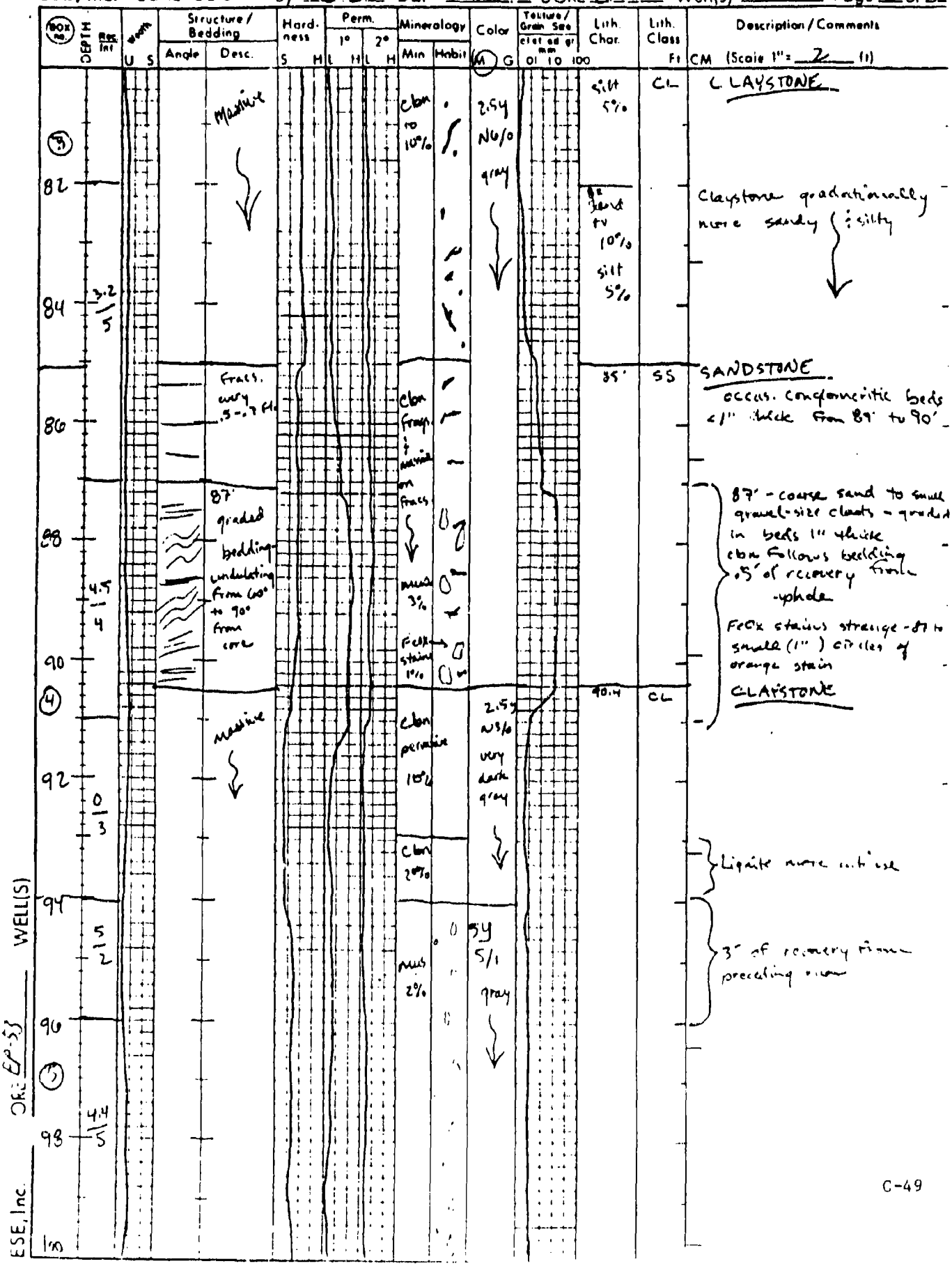
ESE, Inc. BORE EP-53 WELL(S)

ESE, Inc. CORE LOG By CDB Date 5-L-87 BORE EP-53 Well(s) _____ Page 2 of 5

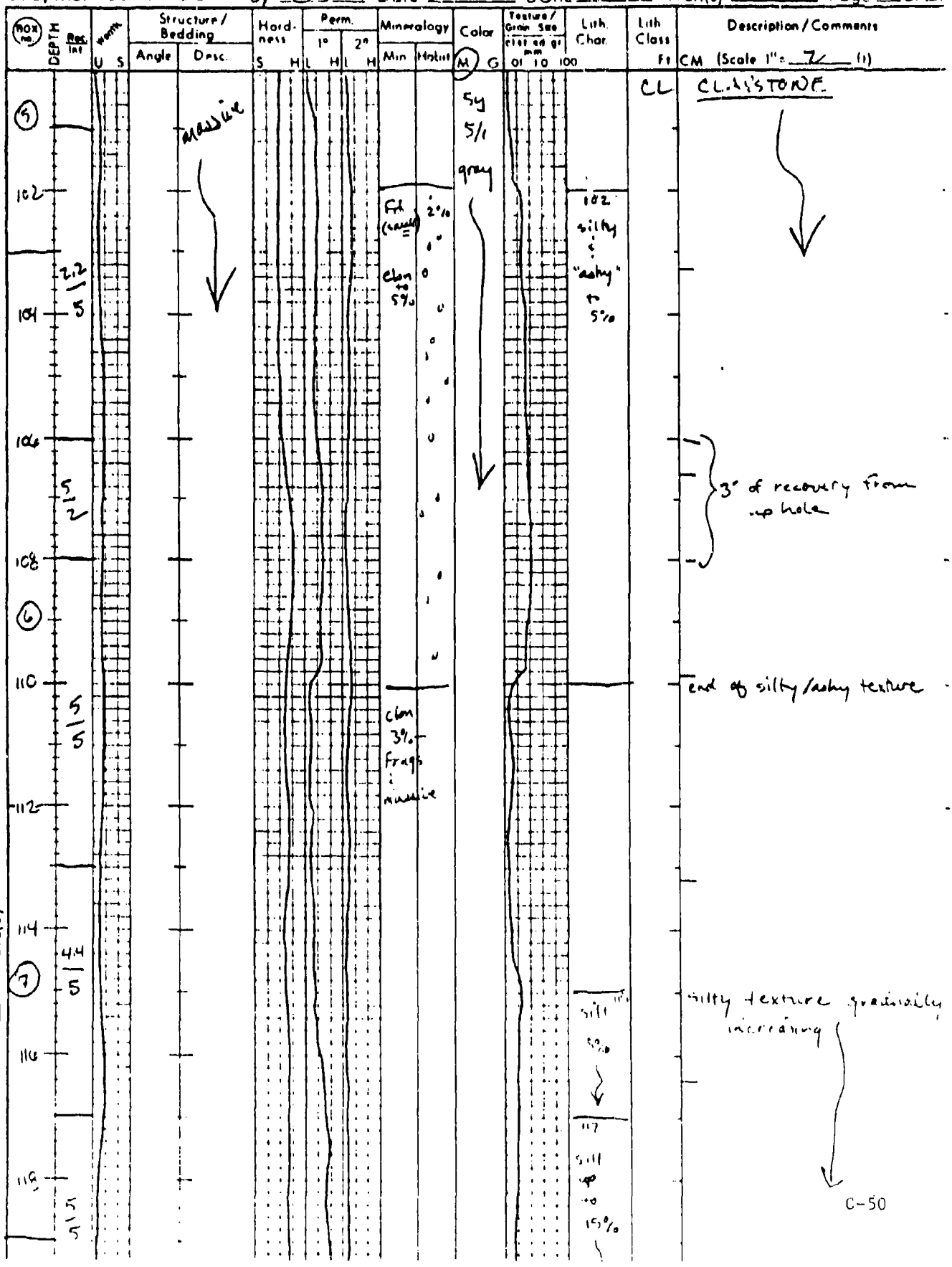


E, Inc. BORE EP-53 WELL(S)

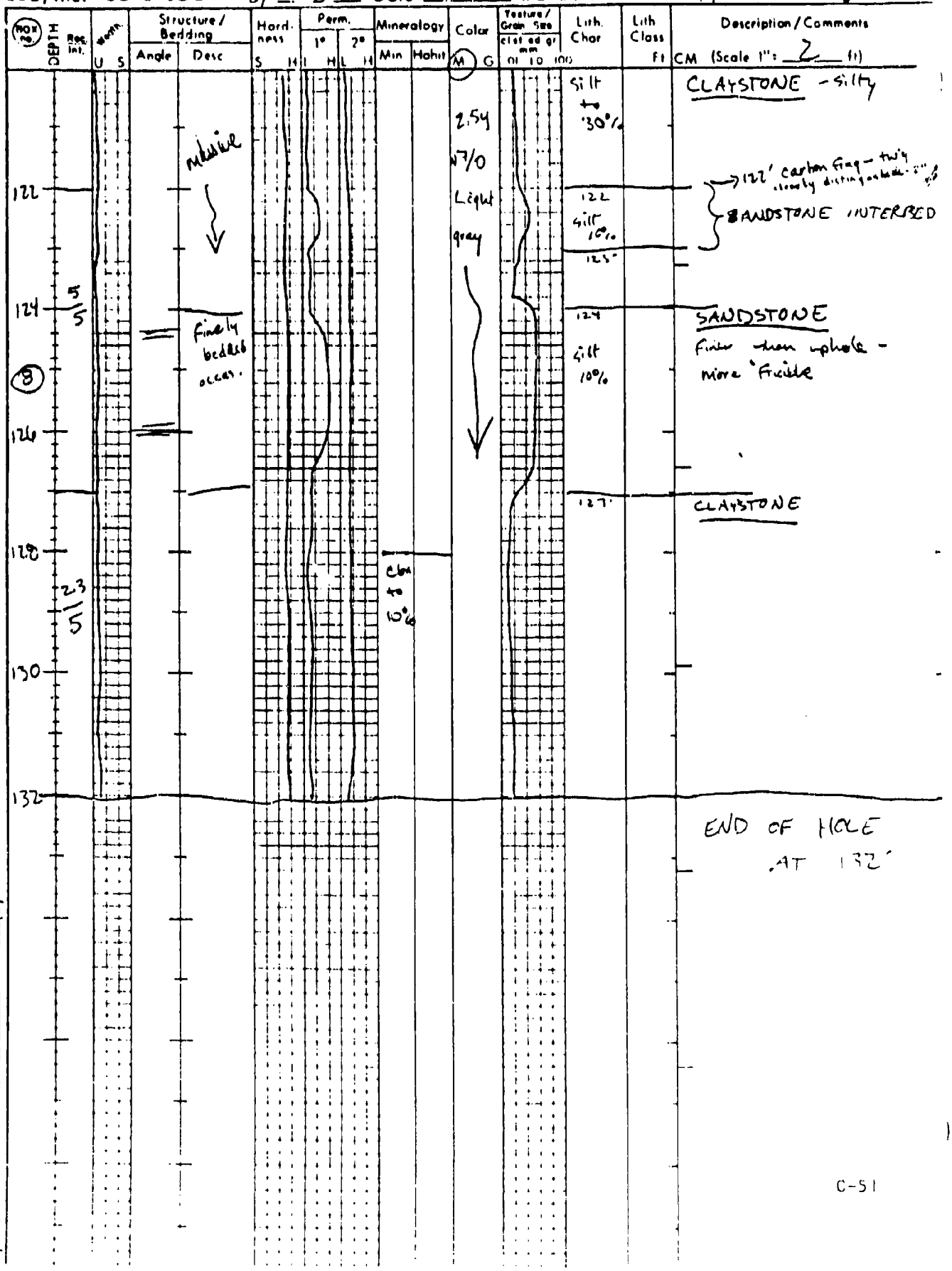
ESE, Inc. CORE LOG By CJD Date 2/1/91 BORE CB22 Well(s) _____ Page 3 of 5



ESE, Inc. CORE LOG By COB Date 5.1.87 BORE EP 53 Well(s) _____ Page 4 of 5



ESE, Inc. CORE LOG By CNB Date 5/87 BORE EP-53 Well(s) _____ Page 5 of 5



BORE EP-53 WELL(S)

E, Inc.

C-51

irt Frontier Logging
Lakewood, Colorado

Date MAY 1, 1987

Company ESE
Well EP 53
Area/Project RMA
County ADAMS COUNTY
State COLORADO
Section
Township
Range
Elevation
Log Measured From Ground Level
Drilling Measured From Ground Level
Driller Depth 132 Ft
Bit Size 3 7/8"
Casing Depth PVC @ 35' Ft
Fluid in Hole native mud
Density/Viscosity
pH
Max Recorded Temp
Standby
Time On 0745
Time Off 0835
Unit No. 110
Operator Wm. Linton
Location Lakewood

EQUIPMENT DATA

T.D. Logged 132 Ft
Natural Gamma 200 Scale = 20 CPS per inch
Time Constant 2 Sec
Logging Speed 15 F/Min
Gain Source No/Value CPS
Probe No 103-1041
Probe Diameter 1 5/8"
Detector Type Size xtal 3/4 x 1 1/4"
K Factor 1.60 x 10⁻⁵
Dead Time 7 Microsec
Hi Voltage 1.10
Casing Size 3 7/8"
Casing Factor
Resistance 40 ohms/5" Ohms per 5 inches
SP 20 MV/Inch MV per inch

NATURAL GAMMA READING (ANALOG) (Initial log off scale)

Scale = CPS/in	Scale = CPS/in	Scale = CPS/in	Scale = CPS/in
TC Sec / Logging Speed F/Min	TC Sec / Logging Speed F/Min	TC Sec / Logging Speed F/Min	TC Sec / Logging Speed F/Min
From Ft To Ft	From Ft To Ft	From Ft To Ft	From Ft To Ft
Total Ft	Total Ft	Total Ft	Total

Gamma (Analog) Ft
Gamma (Digital) Ft
Caliper Ft
Temperature Ft

DIRECTIONAL DATA

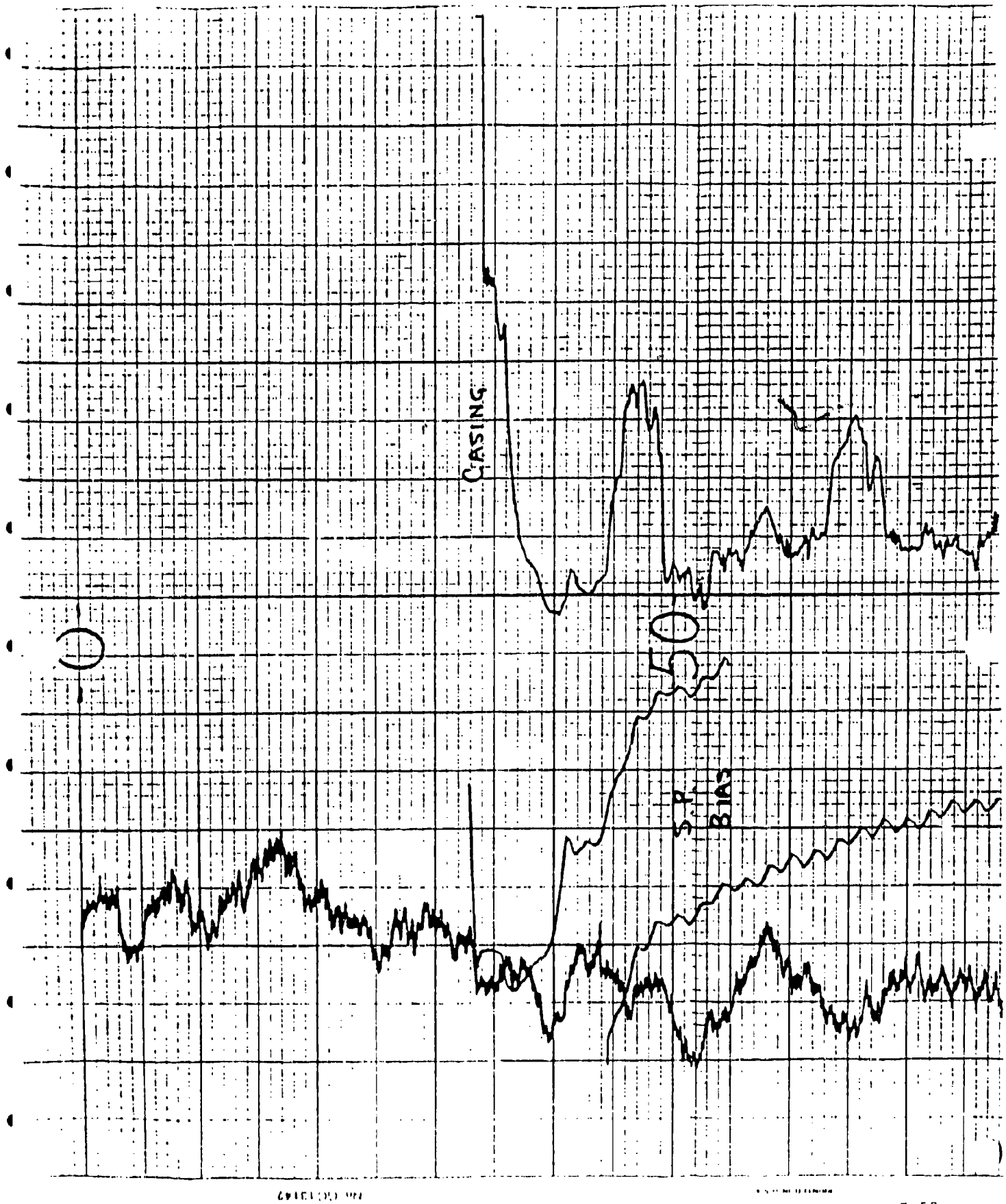
Closure Ft
Azimuth
True Vertical Ft
Survey Depth Ft

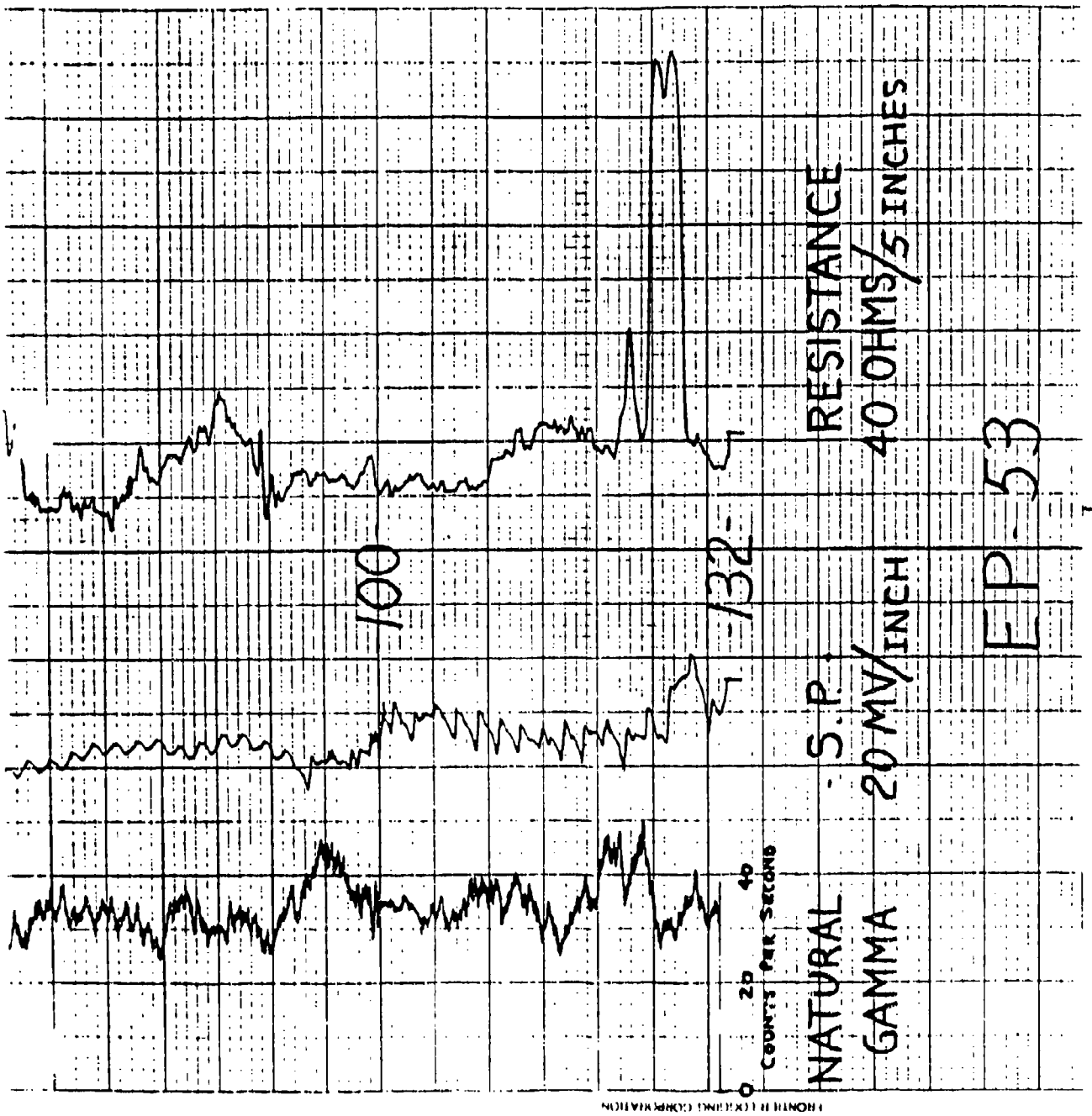
Density Source No
Type Size
CPS/inch
Neutron Source No
Type Strength
CPS/inch

C-52

NATURAL GAMMA 20 CPS (Initial Log) — S.P. 20 MV — RESISTANCE 40 OHMS/ 5 Inches

0 20 40 60
COUNTS PER SECOND


CASING
SP
BIAS


EP-53
RESISTANCE
40 OHMS/5 INCHES
S.P.
20 MV/INCH
NATURAL
GAMMA
0
20
40
COUNTS PER SECOND
100
132

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole EP-53A Well ~~EP-53A~~ SP 23220

Project Name and Location Task 44 200 yds N of Basin F Tank pad Project Number 17053 022.10

Drilling Company Boyles Bros Driller Dave Jarvis Rig Number 545

Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 28 (GWL) 39.0 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) Auger

Size and Type PVC 4" .020 S/07

Total Borehole Depth	39.07 ft. ____ cm.	Sampling Method(s)	Continuous Split Spoon
Depth to Bedrock	38 ft. ____ cm.	Date/Time Start Drilling	5/7/97 0855
Depth to Water	35 ft. ____ cm.	Date/Time Finish Drilling	5/7/97 1442
Water Level Determined By	Samples	Date/Time Start Completion	5/7/97 1442
Length Plain PVC (total)	29.88 (GWL) 29.88 ft. ____ cm.	Date/Time Cement Protective Casing	5/8/97 1000
Length of Screen	10.29 ft. ____ cm.	Materials Used	20 2' TUBES 40 CAPS
Total Length of Well Casing	40.77 ft. ____ cm.	Plain PVC	3 - 10' SECTIONS
PVC Stick Up	1.7 ft. ____ cm.	Slotted PVC	1 - 10' SECTIONS (GWL)
Depth to Bottom of Screen	39.07 ft. ____ cm.	Bentonite Pellets	6
Depth to Top of Screen	28.78 (GWL) 28.78 ft. ____ cm.	Bentonite Granular	6 BAGS
Depth to Top of Sand	22.6 (GWL) 22.77 ft. ____ cm.	Cement	11 BAGS
Depth to Top of Bentonite	17.3 ft. ____ cm.	Sand	11 BAGS
		Water added during completion	300 GALS
		Water added during drilling	5
		Total Gallons of water added	300 GALS

Drill Site Geologist [signature]

Date 5/13/97

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 6-16-97 [illegible]

Date/Time/Personnel Casing Painted 06-17-97 0800 RJS DLW

Date/Time/Personnel Numbers Painted 6-17-97 0945 RJB DLW

Materials Used 12 bags of Cement

Top of Protective Casing to Top of PVC	~~0~~ 1.5' ft.	0.34 cm.	COMMENTS/NOTES
Top of Protective Casing to Weep Hole	~~1.0~~ 1.35' ft.	1.45 cm.	
Top of Protective Casing to Internal Mortar	~~1.0~~ 1.35' ft.	1.45 cm.	
Top of Protective Casing to Top of Cement Pad	~~1.0~~ 1.35' ft.	1.37 cm.	
Top of Protective Casing to Ground Level	~~1.0~~ 1.0' ft.	1.0 cm.	

Reviewed By [signature] Date 6/20/97

Drill Site Geologist ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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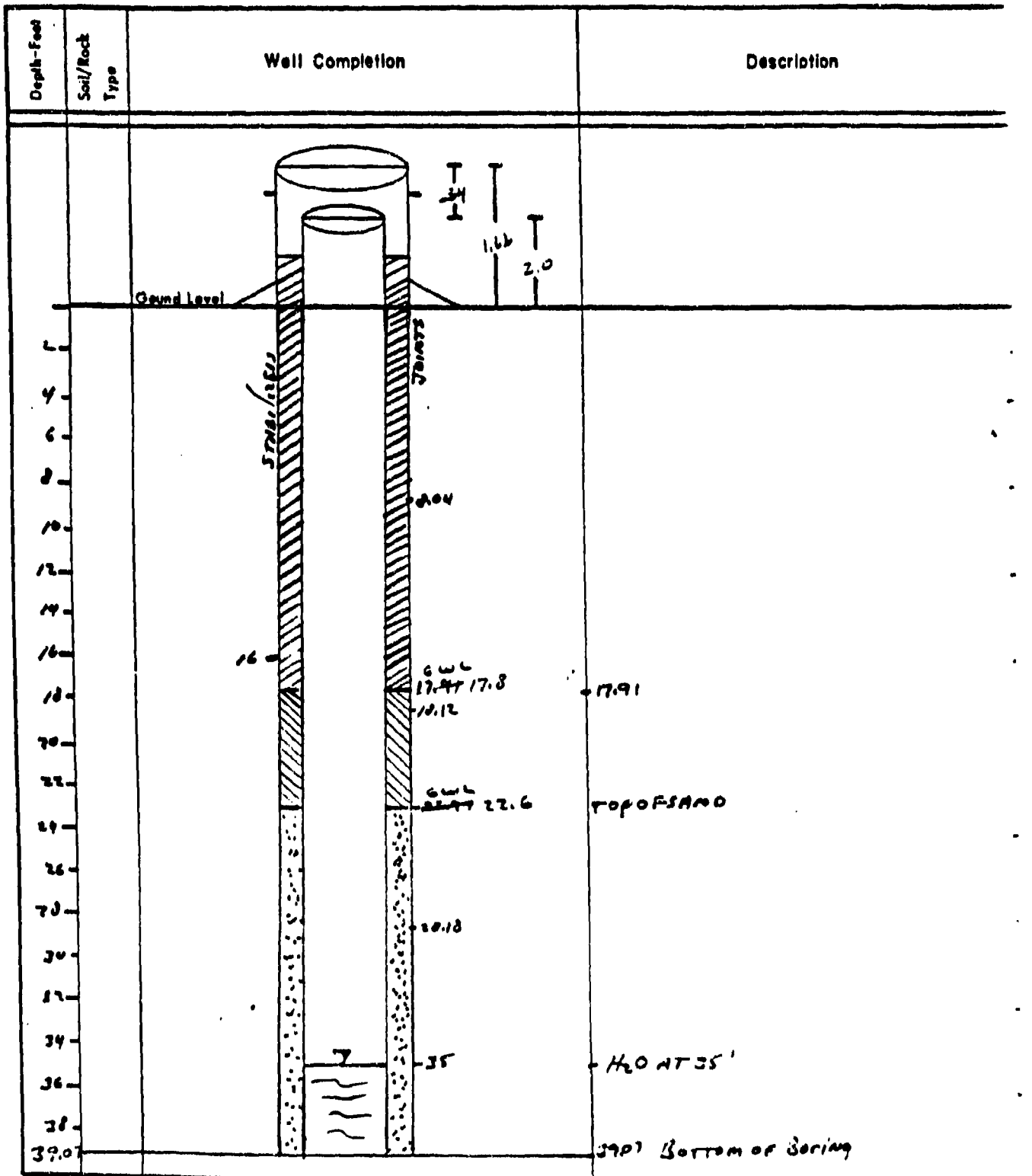
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-53A

Well: 23220 ~~EP-53A~~ SP



Drill Site Geologist: [signature] Date: 5/13/97

Reviewed By: [signature] Date: 5/13/97

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP 53A Well 23220
Project RMA ON Post Project Number 44
Date(s) Developed 06-22-87 Date Installed 05-07-87
Personnel (Name/Company) RTB ESE Well Diameter (I.D.) 4 in.
DLW ESE Anulus Diameter 12¼ in. 0 ft. to 39.0 ft.
Rig Used ESE Well Service Truck — in. — ft. to — ft.
Pump (Type/Capacity) Grund Fos / 12 GPM Screen Interval 23.18 ft. to 39.0 ft.
Bailer (Type/Capacity) N/A — ft. to — ft.
Water Source RMA Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 40.65 ft. Bottom of Screen (Below G.L.) 39.0 ft.
(Final) 40.7 ft.
Water Level TOC/Date/Time (Initial) 36.43 06-22-87 0845
(after 24 hrs.) 36.36 6-26-87 1151
Feet of Water in Well 4.22 ft. x 2.32 gallons/foot = 9.79 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons One Purge Volume 309.79 gallons
Purge Water Lost N/A gallons Minimum Purge Volume 15 48.95 gallons
Added Water 300 gallons Total Purge Volume 15 gallons
Casing/Anulus Volume 9.79 gallons Volume Measured By 5 gal Bucket Timed
Surge Technique Raise & Lower Pump

Calibration: pH Meter Used: Beckman φ21 Digital SN: 015393
pH 7.00 = 7.04 at 22.9 °C, pH 10.00 = 10.04 at 22.2 °C
Conductance Meter Used: Curtin Matheson Digital SN: 14274
Standard 400 umhos/cm at 25°, Reading 1408 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	0900	23.7	8.09	9405	Silty - brown grey H-4 neg. H2S 0.5 initial @ well head
310	1058	16.2	7.43	3510	Slightly silty - H2S neg. H-2 neg.
Final					

Remarks: H2S at Well Head 0.0 after 10 min

Collected by [signature] 06-22-87
Signature Date
Checked by

C-57

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore ESSA Well 23220

Project RMA OU Post Project Number

Date(s) Developed 06/23/87 Date Installed 05-07-87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 4 in.

ABW/ESE Anulus Diameter 12¼ in. 0 ft. to 39.07 ft.

Rig Used ESE Well Service Truck ____ in. ____ ft. to ____ ft.

Pump (Type/Capacity) GroundFos / 12 GPM Screen Interval 23.15 ft. to 39.07 ft.

Bailer (Type/Capacity) N/A ____ ft. to ____ ft.

Water Source RMA Casing Height (Above G.L.) 1.5 ft.

Measured Well Depth TOC (Initial) 40.65 ft. Bottom of Screen (Below G.L.) 39.07 ft.

(Final) 40.73 ft.

Water Level TOC/Date/Time (Initial) 36.43 06-22-87 0845

(after 24 hrs.) 36.36 6-23-87 1151

Feet of Water in Well 4.22 ft. x 2.32 gallons/foot = 9.79 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 309.79 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 1548.95 gallons

Added Water 300 gallons Total Purge Volume 1550 gallons

Casing/Anulus Volume 9.79 gallons Volume Measured By 5gal Bucket + Time

Surge Technique Raise & Lower Pump

Calibration: pH Meter Used: Beckman φ21 Digital SN: 015883

pH 7.00 = 7.01 at 21.1 °C, pH 10.00 = 10.05 at 21.2 °C

Conductance Meter Used: CMS SN: 4274

Standard 1408 umhos/cm at 25°, Reading 1409 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 310	0857	16.4	7.37	3500.	cloudy, brown, silty & [illegible] sand
620	1054	14.0°	7.42	3540	clear, no silt or sand MW-8: n/a
930	1500	13.7	7.28	3510	clear, no silt or sand MW-8: n/a
1122	1604	12.6	7.35	3590	slightly cloudy, some silt MW-8
Final					

Remarks: initial Hnu = 00 ppm, Hnu readings after pumping = 1.5-3.5 ppm.
- used 2 more barrels to complete last purge volume! (118 gallons)

Calibration after lunch: (1300)
pH7: pH = 7.00 @ 26.5° pH 10.00 @ 26.2°C
conductivity:

Collected by [signature] 6-23-87
Signature Date

Checked by [signature]

C-58

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore E53A Well 23220

Project RMA ON Post
Project Number
Date(s) Developed 06-24-87
Date Installed 05-07-87
Personnel (Name/Company) PJR ESE
DLW ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 39.07 ft.
in. ft. to ft.
Rig Used ESE Well Service Truck
Screen Interval 23.18 ft. to 38.07 ft.
— ft. to — ft.
Pump (Type/Capacity) GRUNDFOS / 12 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 40.65 ft.
(Final) 40.75 ft.
Bottom of Screen (Below G.L.) 39.07 ft.
Water Level TOC/Date/Time (Initial) 36.43 06-22-87 0845
(after 24 hrs.) 36.31 / 06-26-87 / 1151
Feet of Water in Well 4.22 ft. x 2.32 gallons/foot = 9.79 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 309.79 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 1548.95 gallons
Added Water 300 gallons
Total Purge Volume 1550 gallons
Casing/Anulus Volume 9.79 gallons
Volume Measured By 5gal Bucket Time
Surge Technique Raise & Lower Pump

Calibration: pH Meter Used: Beckman ϕ 21 Digital SN: 015883
pH 7.00 = 7.01 at 20.3 °C, pH 10.00 = 10.06 at 20.3 °C
Conductance Meter Used: CMS SN: 4274
Standard 1408 umhos/cm at 25°, Reading 1408 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 1122	0755	16.7°C	7.36	3550	cloudy, gray-brown, fine grained M-B tag, formation sand present
1240	0829	13.1	7.37	3600	clear, no color, no odor M-B: neg., no sand/silt
1550	1030	13.9	7.30	3560	clear, no color, no odor no sand/silt, M-B: neg.
Final					

Remarks: Initial HNu = 'background' - 0.2 ppm. (at well head)
- HNu = 'background' 70.0 ppm after 110 minutes (at wellhead)
+ HNu = 2.9 ppm after 145 minutes (at wellhead)

Collected by [signature] Date
Checked by [signature]

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7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole EP-5301 Well 23221
Project Name and Location MW Installation Sec. 23 Project Number 17053 085 10
Drilling Company Boyles Driller Roach Rig Number Failing 25
Drilling Method(s) rotary w/ bentonite mud

Borehole Diameter 11 7/8 in. ____ cm. 0 ft. ____ cm. to 41 ft. ____ cm.
7 7/8 in. ____ cm. 41 ft. ____ cm. to 59 ft. ____ cm.

Size(s) and types of Bit(s) 11 7/8, 7 7/8 blade
Size and Type PVC 4" sched. 40
Total Borehole Depth 49 ft. ____ cm.
Depth to Bedrock 36 ft. ____ cm.
Depth to Water 35 ft. ____ cm.
Water Level Determined By soil sample saturated
Length Plain PVC (total) 45 ~~50.7~~ 50.8 ft. ____ cm.
Length of Screen 5.70 ft. ____ cm.
Total Length of Well Casing 50.7 ft. ____ cm.
PVC Stick Up 1.7 ft. ____ cm.
Depth to Bottom of Screen 49 ft. ____ cm.
Depth to Top of Screen 43.3 ft. ____ cm.
Depth to Top of Sand 42.3 ft. ____ cm.
Depth to Top of Bentonite 38.3 ft. ____ cm.

Sampling Method(s) NA
Date/Time Start Drilling 810 5.7.87
Date/Time Finish Drilling 0904 5.7.87
Date/Time Start Completion 5.7.87 0935
Date/Time Cement Protective Casing 5.7.87 1210
Materials Used —
Plain PVC 5 x 40"
Slotted PVC 1 x 5"
Bentonite Pellets 1 1/4 Enviroplug
Bentonite Granular 7/5 bag
Cement 80 gals
Sand 1.25 bags
Water added during completion —
Water added during drilling —
Total Gallons of water added 2

Drill Site Geologist C Benson Date 5.7.87

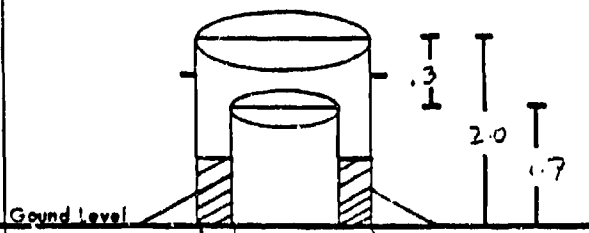
Date/Time/Personnel Internal Mortar Cement Pad, and Weep Hole Installed [illegible]
Date/Time/Personnel Casing Painted 06-17-87 0830 PJB
Date/Time/Personnel Numbers Painted [illegible]
Materials used 13 Bags Quick Crete 12" Tin (06-17-87 0845 PJB DHL
Top of Protective Casing to Top of PVC 0.5 ft. ____ cm.
Top of Protective Casing to Weep Hole 0.63 ft. ____ cm.
Top of Protective Casing to Internal Mortar 0.79 ft. ____ cm.
Top of Protective Casing to Top of Cement Pad 1.13 ft. ____ cm.
Top of Protective Casing to Ground Level 2.0 ft. ____ cm.

COMMENTS/NOTES

Reviewed By [illegible] Date [illegible]

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0636

Borehole: EF53D1 Well: 23221

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
5		4.05 ft.	
10			
15		14.11 ft.	
20		20.0 control riser	
25		24.19 ft.	
30			
35		34.25 ft.	TOP OF BENTONITE 33.3'
40			8" steel casing - 41' TOP OF SAND 42.5 (*) TOP OF SCREEN 43.3
45			
50			Total Depth 49'

(*) NOTE [illegible]

Drill Site Geologist: C. Bowser Date: 5-2-87

Reviewed By: [illegible] Date: 4-5-11

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP53-DL Well 23221

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 06/26/87
Date Installed 05/07/87
Personnel (Name/Company) PJS/ESE
DLW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 11 3/8 in. 0 ft. to 41 ft.
7 7/8 in. 41 ft. to 49 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 43.3 ft. to 49 ft.
— ft. to — ft.
Pump (Type/Capacity) GRUNDFOS / 12 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 49.20 ft.
(Final) 50.84 ft.
Bottom of Screen (Below G.L.) 49 ft.
Water Level TOC/Date/Time (Initial) 36.44 / 06-26-87 / 0856
(after 24 hrs.) 36.6 / 6-28-87 / 1145
Feet of Water in Well 12.76 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 14.04 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 70.2 gallons
Added Water 0 gallons
Total Purge Volume 176 gallons
Casing/Anulus Volume 8.33 gallons
Volume Measured By 5 GALLON BUCKET TIMED
Surge Technique BAILER & LOWER PUMP

Calibration: pH Meter Used: BECKMAN 21 SN: 015883
pH 7.00 = 7.00 at 24.1 °C, pH 10.00 = 10.02 at 24.3 °C
Conductance Meter Used: CMS DIGITAL SN: 11339
Standard 1409 umhos/cm at 25°, Reading 1408 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	0915	19.9	12.10	4650	cloudy, grout or sand & sand settled in bottom
15	1030	22.8	12.29	3280	cloudy, silty w/ grout or sand
	1133	— well dewatered in 3 7/8 wellbore			—
Final				DLW	

H-B Neg.

Remarks: INITIAL HNU @ WELLHEAD = 0.0 ppm.
SANDPACK VOLUME = 0.852 x 6.7 ft = 5.71 gal. + 8.33 gal. = 14.04 gals. = 1 Purge Volume
Well dewatered @ ≈ 9.0 gal (0 min) 0934 ;

Sandpack = 49.0 − 42.3 = 6.7 ft.

Collected by _____ 06 26 87
Signature Date
Checked by _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP53D1 Well 2322/

Project RMA ON Post Project Number T-44

Date(s) Developed 07/06/87 Date Installed 05-07-87

Personnel (Name/Company) TGW, ESE Well Diameter (I.D.) 4 in.

PJB/ESE Anulus Diameter 11 7/8 in. 0 ft. to 41 ft.

Rig Used ESE well service TRUCK 7 7/8 in. 41 ft. to 49 ft.

Pump (Type/Capacity) NA Screen Interval 43.3 ft. to 49 ft.

Bailer (Type/Capacity) 3.85" x 2' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 49.20 ft. Bottom of Screen (Below G.L.) 49 ft.

(Final) 50.84 ft.

Water Level TOC/Date/Time (Initial) 36.44 01-26-87 0856 (36.44 07-06-87 0747

(after 24 hrs.) ~~0655~~ DJ 36.6 9/28/87 1145

Feet of Water in Well 12.76 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 16.04 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 70.2 gallons

Added Water 0 gallons Total Purge Volume 176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 gal Bucket

Surge Technique Bailing

Calibration: pH Meter Used: Beckman ϕ2 SN: 015383

pH 7.00 = 7.00 at 24.1 °C, pH 10.00 = 10.03 at 22.6 °C

Conductance Meter Used: CMS DIGITAL SN: 14274

Standard 1000 umhos/cm at 25°. Reading 1002 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 19	0901	12.4	12.61	4210	very slightly cloudy, some formation sand.
35	0958	13.5	12.71	5830	cloudy, sand & grave present
40	1050	14.6	12.63	5570	very cloudy w/ bentonite, gravel
41	1405	14.0	12.67	5400	slightly cloudy, grey w/ silt.
46	1409	12.3°	12.74	5460	cloudy w/ some silt, gravel
Final	DW		Dewatered		

Remarks: 6.2 Ft Sand Pack x .852 = 5.714 8.33 = 14.04 CASING / ANNULUS
1/2 ; Well dewatered @ ≈ 11½ gallons on 1st pump ; well dewatered @ 7 gallons on 2nd pump.
HNU @ well head = 12.0 ppm initially ; well dewatered in 5 stages on 1st pump.

Recalibration @ 1620 SN: 15383
pH 7.00 = 6.98 @ 32.1°C
pH 10.00 = 9.95 @ 32.5°C

Collected by [signature] 07/06/87 Date

Checked by [signature] 10-6-87 Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP 53 D-L Well 23221

Project RMA ON-POST Project Number T-44

Date(s) Developed 07/07/87 Date Installed 05-07-87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

DJB/ESE Anulus Diameter 11 3/4 in. 0 ft. to 41 ft.

Rig Used ESE well sounding tape 7 7/8 in. 41 ft. to 49 ft.

Pump (Type/Capacity) N/A Screen Interval 43 ft. to 49 ft.

Bailer (Type/Capacity) 3.85 x 2' — ft. to — ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 49.20 ft. Bottom of Screen (Below G.L.) 49 ft.

(Final) — ft.

Water Level TOC/Date/Time (Initial) 36.44/06-24-87 (37.13/7-7-87/0714)

(after 24 hrs.) 36.6 7/24/87 1145

Feet of Water in Well 12.76 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 14.04 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 70.2 gallons

Added Water 0 gallons Total Purge Volume 176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 gallon bucket

Surge Technique Bailer

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 015883

pH 7.00 = 7.02 at 18.3 °C, pH 10.00 = 10.08 at 18.1 °C

Conductance Meter Used: CMS DIGITAL SN: 14274

Standard 1000 umhos/cm at 25°, Reading 1001 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 46	0721	12.6	12.83	5050	mostly clear - some settlement of TM. Sand
58	0731	12.7	12.91	5480	cloudy, gray bentonite/grout
Final					

Remarks: Initial HNU at wellhead = 0.2 ppm (0715). Well developed to 12 gallons (0731).

Sand Pack vol:
6.7 ft sand pack x 0.85 cu ft/ft = 5.7 cu. ft.

Collected by [signature] 7/7/87
Signature C-64 Date

Checked by [signature]

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WELL DEVELOPMENT DATA

Bore EP5301 Well 23221

Project RMA ON POST
Project Number T-44
Date(s) Developed 07-09-87
Date Installed 05-07-87
Personnel (Name/Company) DLW/ESE
TJB/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 11 3/8 in. 0 ft. to 44 ft.
7 7/8 in. 44 ft. to 49 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 43.3 ft. to 49 ft.
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.35 x 2'
ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 49.20 ft.
Bottom of Screen (Below G.L.) 49 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 36.44 / 06-26-87/0856 (36.44/07-06-87/0747)
(after 24 hrs.) 36.6 91.2787 [illegible]
Feet of Water in Well 12.76 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 14.04 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 70.2 gallons
Added Water 6 gallons
Total Purge Volume 176. gallons
Casing/Anulus Volume 8.33 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN ϕ 21 SN: 015883
pH 7.00 = 7.03 at 17.1 °C, pH 10.00 = 10.09 at 17.4 °C
Conductance Meter Used: CMS DIGITAL SN: 14243
Standard 1408 umhos/cm at 25°, Reading 1406 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 46 DW 58	0759	12.3	12.74	6780	mostly clear
71	0709	12.4	12.86	8020	Cloudy w/ some dissolved contents & formation sand
Final					

Remarks: Well developed in 13 gallons (0709)

Sand pack = 6.7 ft x .852 gal/ft = 5.71 gal
5.71 + 8.33 = 14.04 gallons = 1 purge vol.

Collected by DLW (ESE) 07/08/87
Signature Date
Checked by
0-65

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WELL DEVELOPMENT DATA

Bore 23221 Well 23221

Project T-44

Project Number T-44

Date(s) Developed 7/13/87

Date Installed 5-7-87

Personnel (Name/Company) DLW/ESE
ABW/ESE

Well Diameter (I.D.) 4 in.

Anulus Diameter 11⅜ in. 0 ft. to 41 ft.
7⅞ in. 41 ft. to 49 ft.

Rig Used ESE WELL SERVICE TRUCK

Pump (Type/Capacity) N/A

Screen Interval 43.3 ft. to 49 ft.
— ft. to — ft.

Bailer (Type/Capacity) 3.85 X 2'

Water Source RMA

Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 49.20 ft.

Bottom of Screen (Below G.L.) 49 ft.

(Final) — ft.

Water Level TOC/Date/Time (Initial) 36.44/7-26-87/856 (36.44/7-6-87/0747)

(after 24 hrs.) 21.6 7/13/87 1115

Feet of Water in Wall 12.76 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons

One Purge Volume 14.02 gallons

Purge Water Lost N/A gallons

Minimum Purge Volume 70.2 gallons

Added Water 0 gallons

Total Purge Volume 170 gallons

Casing/Anulus Volume 8.33 gallons

Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015383

pH 7.00 = 7.04 at 14.7 °C, pH 10.00 = 10.12 at 15.2 °C

Conductance Meter Used: CMS DIGITAL SN: 14274

Standard 1408 umhos/cm at 25°, Reading 1409 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 71	0904	11.9°C	12.75	5820	MOSTLY CLEAR
84	0914	12.0°C	12.93	8120	cloudy w/ grey dissolved BENTONITE & FORMATION SAND
Final					

Remarks: Initial NNN @ wellhead = 0.0 ppm
well dewatered at 13 GALLONS.

Second purge vol = 6.7' X .862 gal/ft = 5.71 gal

5.71 + 8.33 = 14.04 gal = 1 purge vol.

Collected by [signature] 7/13/87
Signature Date

Checked by — 7/16/87
Signature

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WELL DEVELOPMENT DATA

Bore EPS3DL Well 23221

Project RMA ON POST Project Number TASK 44

Date(s) Developed 7/14/87 Date Installed 6-7-87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

ABW/ESE Anulus Diameter 11" in. 0 ft. to 41 ft.

Rig Used ESE WELL SERVICE TRUCK 7⅞ in. 41 ft. to 49 ft.

Pump (Type/Capacity) N/A Screen Interval 43.3 ft. to 49 ft.

Bailer (Type/Capacity) 3.95 x 2' ACT 42.5 ft. to 49 ft. ACT

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 45.20 ft. Bottom of Screen (Below G.L.) 49 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 36.44 / 06-26-87 (36.44 / 7-6-87 / 0747)

(after 24 hrs.) 36.6 5/24/87 1145

Feet of Water in Well 12.76 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 14.02 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 70.2 gallons

Added Water 0 gallons Total Purge Volume 176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 GAL BUCKET

Surge Technique BAILER

Calibration: pH Meter Used: #015983 (BECKMAN Ø 21 pH METER)

pH 7.00 = 7.07 at 20.4 °C, pH 10.00 = 10.07 at 20.4 °C

Conductance Meter Used: #14274 (CYCLES DIGITAL)

Standard 1408 umhos/cm at 25°, Reading 1408 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 84	0837	12.3	12.66	7380	clear
96½	0850	12.2	12.71	8070	cloudy, grey dissolved iron & formation sand.
Final					

Remarks: Initial HNU Ø, well head = 0.0 ppm. Well dewatered in 12½ minutes

1 purge vol. = 5.71 (sand pack vol.)
+ 8.33 (casing/anulus vol.)
14.04 gal.

Collected by [signature] 7-14-87
Signature Date

Checked by [signature] C-67
Signature

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WELL DEVELOPMENT DATA

Bore EP-53 DI. Well 23221

Project RMA ON POST
Project Number Task 44
Date(s) Developed 7/20/87
Date Installed 5-7-87
Personnel (Name/Company) DLW/ESE
ABW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 13 in. 0 ft. to 41 ft.
2 3/3 in. 41 ft. to 49 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 43 ft. to 49 ft.
— ft. to — ft.
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.85" x 2.0'
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 45.20 ft.
(Final) ft.
Bottom of Screen (Below G.L.) 49 ft.
Water Level TOC/Date/Time (Initial) 36.44/06-26-87/0856 (36.44/76-87/0747) (
(after 24 hrs.) 36.6 11 27 87 1145
Feet of Water in Well 12.76 ft. x 0.663 gallons/foot = 8.33 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 14.02 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 70.2 gallons
Added Water 0 gallons
Total Purge Volume 76 gallons
Casing/Anulus Volume 8.33 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 015883
pH 7.00 = DW Local 7.00 at DW 25.9 °C, pH 10.00 = 10.00 at 26.5 °C
Conductance Meter Used: CMS DIGITAL SN: 14243
Standard 1000 umhos/cm at 25°, Reading 1002 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 96 ½	1050	13.4	12.49	4030	clear
108	1100	12.8	12.73	6040	somewhat cloudy, w/ dissolved bentonite & fine sand
		DEWATERED			
Final					DLW

Remarks: Initial HNU @ wellhead = 0 ppm (7/20/87 · 1025)
Well dewatered in 11½ gallons.

1 Purge vol = 5.71 (Sand pack vol.)
+ 8.33 (casing/annulus vol.)
14.04 gals

Collected by [signature] 7/21/87
Signature Date
Checked by [signature]
Signature
3C-6875

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WELL DEVELOPMENT DATA

Bore EP-53 D1 Well 23221

Project RMA ON POST Project Number TASK 44

Date(s) Developed 7/24/87 Date Installed 5/7/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

MW/ESE Anulus Diameter 11¾ in. 0 ft. to 41 ft.

Rig Used ESE WELL SERVICE TRUCK 7⅞ in. 41 ft. to 49 ft.

Pump (Type/Capacity) N/A Screen Interval 47.3 ft. to 49 ft.

Bailer (Type/Capacity) 3.85" x 2.0' — ft. to — ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 48.20 ft. Bottom of Screen (Below G.L.) 49 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 36.44 / 6-26-87 / 0856

(after 24 hrs.) 36.6 9/14/87 1145

Feet of Water in Well 12.76 ft. x .653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 1402 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 702 gallons

Added Water 0 gallons Total Purge Volume 1176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN 71 21 SN: 015083

pH 7.00 = 7.00 at 25.2 °C, pH 10.00 = 10.01 at 25.0 °C

Conductance Meter Used: CDS DIGITAL SN: 424-30 14243

Standard 1000 umhos/cm at 25°, Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 108	0806	13.3	12.40	4320	clear
120	0822	13.0	12.52	5590	cloudy w/ dissolved bentonite ?, silt
Final					DLW

Remarks: Initial HNu @ wellhead = 12.5 ppm ! 7/24/87 0745

Recovered in 210 gallons.

1 Purge Vol = 5.71 Sand Pack Vol.
+ 8.33 Casing/Anulus Vol.
14.04 gallons

Collected by [signature] 7 JUL 87
Signature Date

Checked by [signature] 7/27/87
Signature

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WELL DEVELOPMENT DATA

Bore ER53D1 Well 23221

Project RMA ON-POST Project Number TASK 44

Date(s) Developed 7/27/87 Date Installed 5/7/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

PBT/ESE Anulus Diameter 11¾ in. 0 ft. to 41 ft.

Rig Used ESE WELL SERVICE TRUCK 7¾ in. 41 ft. to 49 ft.

Pump (Type/Capacity) N/A Screen Interval 43.3 ft. to 49 ft.

Bailer (Type/Capacity) 3.88" X 10' — ft. to — ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 45.20 ft. Bottom of Screen (Below G.L.) 49 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 36.44 /6-26-87/ 0856

(after 24 hrs.) 36.6 9-28-87 1145

Feet of Water in Well 12.76 ft. x .653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 1402 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 70.2 gallons

Added Water 0 gallons Total Purge Volume ≈ 176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 015887

pH 7.00 = 7.00 at 25.4 °C, pH 10.00 = 10.01 at 25.1 °C

Conductance Meter Used: CMS DIGITAL SN: 4715

Standard 1000 umhos/cm at 25°, Reading 1003 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 120	0814	13.0	12.64	4750	clear.
131	0824	12.7	12.84	5590	cloudy, w/ dissolved concrete, silt & some fine sand.
Final					

Remarks: Initial HNU @ wellhead = 13.5 ppm

Well dewatered in 11 gallons.

1 Purge Vol. = 5.71 Sand Pack Vol.
+ 8.33 Casing/Anulus Vol.
14.04 gallons

Collected by [signature] 12-87
Signature Date

Checked by [signature]
Signature

C-70

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WELL DEVELOPMENT DATA

Bore BP 53 D1 Well 23224

Project RMA - ON-POST
Project Number TASK 44 DW
Date(s) Developed 7/28/87
Date Installed 5/7/87
Personnel (Name/Company) DEW/ESE
PJB/ESE
Well Diameter (I.D.) 4 in.
Rig Used ESE WELL SERVICE TRUCK
Anulus Diameter 11 3/4 in. 0 ft. to 41 ft.
7 7/8 in. 41 ft. to 49 ft.
Pump (Type/Capacity) N/A
Screen Interval 43.3 ft. to 49 ft.
Bailer (Type/Capacity) 3.35" x 20'
ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 45.20 ft.
Bottom of Screen (Below G.L.) 49 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 26.44 / 6-26-87 / 0856
(after 24 hrs.) 24.6 9/28/87 1145
Feet of Water in Well 12.26 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 14.02 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 70.2 gallons
Added Water 0 gallons
Total Purge Volume 176 gallons
Casing/Anulus Volume 8.33 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015883
pH 7.00 = 7.00 at 24.2 °C, pH 10.00 = 10.02 at 24.7 °C
Conductance Meter Used: YSI MODEL 33
Standard 1000 umhos/cm at 25°, Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 131	0807	12.5	12.62	4790	clear
153	0819	12.7	12.76	5040	cloudy w/ dissolved gray materials + some sand
final					DEW

Remarks ~~Initial flow = well head = 0.0 gpm~~ DW Hour wasn't working! (See previous reading)
Well dewatered to 12 gallons.

1 Purge vol = 5.71 Sand pack vol.
+ 8.33 Casing/Anulus Vol.
14.04 gallons

Collected by DEW 7 28 87
Signature Date
Checked by _____
Signature

C-71

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WELL DEVELOPMENT DATA

Bore EP 53 D1 Well 23221

Project RMA - ON-POST Project Number TASK 44 DW

Date(s) Developed 8/4/87 Date Installed 5/7/87

Personnel (Name/Company) DGW / ESE Well Diameter (I.D.) 4 in.

JEP / HLA Anulus Diameter 11 in. 0 ft. to 41 ft.

Rig Used ESE WELL SERVICE TRUCK 7 3/8 in. 41 ft. to 49 ft.

Pump (Type/Capacity) N/A Screen Interval 43.3 ft. to 49 ft.

Bailer (Type/Capacity) 3.85" x 2.0' — ft. to — ft.

Water Source RMA Casing Height (Above G.L.) .7 ft.

Measured Well Depth TOC (Initial) 45.20 ft. Bottom of Screen (Below G.L.) 49 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 36.44 / 6-26-87 / 0856

(after 24 hrs.) 36.6 6-28-87 1141

Feet of Water in Wel 12.26 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 14.02 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 70.2 gallons

Added Water 0 gallons Total Purge Volume 176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 gallon bucket

Surge Technique Bailing

Calibration: pH Meter Used: Beckman Φ21 SN: 015883

pH 7.00 = 7.01 at 20.7 °C. pH 10.00 = 10.04 at 20.4 °C

Conductance Meter Used: CMS Digital SN

Standard 1000 umhos/cm at 25°. Reading 1001 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 153	0711	12.7	12.53	4110	Clear.
165	0722	12.5	12.67	4190	Partly cloudy w/ some silt, some [illegible]
Final					

Remarks: Initial flow = ~~ gallons. Well dewatered in ~~ gallons.

Purge vol = 5.71 Sand pack vol. + 8.33 Casing vol. = 14.04 gallons

Collected by [illegible] 8 / 87 (Signature / Date)

Checked by [illegible] (Signature) C-725

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WELL DEVELOPMENT DATA

Bore EI-5201 Well 23221

Project RMA EN-POST Project Number T2 SK 44

Date(s) Developed 8/11/87 Date Installed 5/7/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

PJB/ESE Anulus Diameter 11 3/8 in. 0 ft. to 41 ft.

Rig Used ESE UGCC GRUE® TRUCK 7 1/8 in. 41 ft. to 49 ft.

Pump (Type/Capacity) N/A Screen Interval 43.3 ft. to 49 ft.

Bailer (Type/Capacity) 3.55" X 2.0' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 49.20 ft. Bottom of Screen (Below G.L.) 45.0 ft.

(Final) 50.84 ft.

Water Level TOC/Date/Time (Initial) 36.44 / 6-26-87 / 0856

(after 24 hrs.) 36.6 / 06-27-87 / 1145

Feet of Water in Well 12.26 ft. x 0.653 gallons/foot = 8.33 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 14.02 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 70.2 gallons

Added Water 0 gallons Total Purge Volume 176 gallons

Casing/Anulus Volume 8.33 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Ø21 SN: 015883

pH 7.00 = 7.00 at 23.7 °C, pH 10.00 = 10.03 at 23.5 °C

Conductance Meter Used: CAIS EXOITAL SN: 11341

Standard 1000 umhos/cm at 25°, Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 165	0856	12.6	12.53	3800	clear
END 176	0908	12.6	12.73	5050	cloudy w/ fine ppt. Some discharging formation sand.
~~end~~					DLW

Remarks: Initial pH was verified = 12.53 pH
Well "bailed" in 11 gallons

Casing vol. = 7.11 sand pack vol.
-8.33 casing vol.
14.04 total

Collected by [signature] 8/13/87 date

Checked by [signature] C-75

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WELL CONSTRUCTION SUMMARY

Borehole EP 53-D2 Well ~~EP~~ 23222

Project Name and Location RMA Project Number 744

Drilling Company Boyles Bros. Driller R. Roach Rig Number

Drilling Method(s) Rotary

Borehole Diameter	17 1/2"	in.	cm.	0	ft.	cm. to	40'	ft. cm.
	11 1/2 in. / 7 7/8"	in.	cm.	40 / 50	ft.	cm. to	50 / 70.3	ft. cm.

Size(s) and types of Bit(s)	17 1/2", 11 1/2", 7 7/8" blade bits	Sampling Method(s)	NA
		Date/Time Start Drilling	8:00 5/15/87
Size and Type PVC	4" schedule 40	Date/Time Finish Drilling	9:30 5/15/87
Total Borehole Depth	70.3 ft. cm.	Date/Time Start Completion	9:30 5/15/87
Depth to Bedrock	37 ft. cm.	Date/Time Cement Protective Casing	12:00 5/15/8
Depth to Water	— ft. cm.	Materials Used	
Water Level Determined By	—	Plain PVC	6 x 10', 1 x 5'
Length Plain PVC (total)	60.9 ft. cm.	Slotted PVC	1 x 10'
Length of Screen	10.7 ft. cm.	Bentonite Pellets	1.5 buckets
Total Length of Well Casing	71.7 ft. cm.	Bentonite Granular	1.2 bags
PVC Stick Up	1.4 ft. cm.	Cement	12 bags
Depth to Bottom of Screen	70.3 ft. cm.	Sand	2 bags
Depth to Top of Screen	59.6 ft. cm.	Water added during completion	none
Depth to Top of Sand	57.6 ft. cm.	Water added during drilling	none
Depth to Top of Bentonite	52.6 ft. cm.	Total Gallons of water added	0

Drill Site Geologist C. W. Welsh Date 5/15/87

7/23/87 -K

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 06-1450 2700

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used 18 Bags Quick-Crete Roll Lawn Edging 1/2 Bag Cement / Bentonite Seals

				COMMENT/NOTES
Top of Protective Casing to Top of PVC	.55	ft.	cm.	
Top of Protective Casing to Weep Hole	1.24	ft.	cm.	
Top of Protective Casing to Internal Mortar	1.10	ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.45	ft.	cm.	
Top of Protective Casing to Ground Level		ft.	cm.	

Reviewed By Date

Drill Site Geologist

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Borehole: EP 53 D2 Well: 23222

Depth-Feet	Soil/Rock Type	Well Completion	Description
0		.85 joint Ground Level; .55; 2; 1.45	12" 0-40' steel casing
5			8" 0-50 steel casing
10		joint 9.21	4" PVC 0-70.3
15			
20		joint 19.28	
25			
30		joint 29.36	
35			
40		joint 39.95	
45			
50		joint 49.61	Top of Bentonite 52.6
55			Top of sand 57.6
60			Top of screen 59.6
65			
70			TD 70.3
75			

Drill Site Geologist: _____ Date: _____

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP5302 Well 23222

Project RMA ON-POST
Project Number T44
Date(s) Developed 07/06/87
Date Installed 05/15/87
Personnel (Name/Company) DLW/ESE
ZJB/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 17½ in. 0 ft. to 40 ft.
11¾ in. 40 ft. to 50 ft.
Rig Used ESE well sonic truck
Pump (Type/Capacity) N/A
Screen Interval 50.3 ft. to 70.3 ft.
Bailer (Type/Capacity) 3.85" x 2'
Water Source RMA
Casing Height (Above G.L.) 1.4 ft.
Measured Well Depth TOC (Initial) 70.0 ft.
(Final) ft.
Bottom of Screen (Below G.L.) 70.3 ft.
Water Level TOC/Date/Time (Initial) 35.76/1105/07-06-87
(after 24 hrs.) 35.83/7-25-87/1135
Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 32.92 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 164.6 gallons
Added Water 5 gallons
Total Purge Volume gallons
Casing/Anulus Volume 22.36 gallons
Volume Measured By 5 gallon bucket
Surge Technique Bailer

Calibration: pH Meter Used: Beckman φ21 SN: 015883
pH 7.00 = 6.99 at 28.0 °C, pH 10.00 = 9.98 at 28.2 °C
Conductance Meter Used: CMS DIGITAL SN: 14274
Standard 10000 umhos/cm at 25°, Reading 1001 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	1123	13.3	12.00	11441	Mostly clear – very slightly cloudy w/ silt
32	1152	14.0	12.45	2800	very cloudy w/ gray bentonite
33	1330	13.7	12.40	2880	Mostly clear, some silt
39	1336	13.7	12.27	2110	very cloudy w/ gray bentonite silt
		dewatered			
Final				→	DLW

Purge volume @ 32 gallons is 1 linear volume. dewatered again @ 39 gallons.

Remarks: Initial: HNU = 0.0 ppm; dewatered well @ 32 gallons; after 1 hour recharge.
Recalibration: pH = 6.98 @ 32.1°C pH 7.00 / pH 10.00 = 9.95 @ 32.5°C SN: 015883
Cond. Reading = 1002; Std = 1000 SN: 14274

Collected by [signature] 07/06/87
Signature Date

Checked by [signature] 8-76

10.0
57.6
12.4

Sand Pack Volume:
12.4 ft sand pack × .852 gal/ft = 10.56 gal

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WELL DEVELOPMENT DATA

Bore EP 53 D2 Well 23222

Project RMA ON-POST
Project Number T44
Date(s) Developed 07/07/87
Date Installed 5/15/87
Personnel (Name/Company) DLW/ESE
DJB/ESE
Well Diameter (I.D.) ____ in.
Anulus Diameter 12¼ in. 0 ft. to 40 ft.
11½ in. 40 ft. to 50 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 57.6 ft. to 70.3 ft.
Pump (Type/Capacity) N/A
____ ft. to ____ ft.
Bailer (Type/Capacity) 3.85" x 2'
Water Source RMA
Casing Height (Above G.L.) 1.4 ft.
Measured Well Depth TOC (Initial) 70.0 ft.
Bottom of Screen (Below G.L.) 70.3 ft.
(Final) ____ ft.
Water Level TOC/Date/Time (Initial) 35.76/7-06-87/1105 (41.46/7-7-87/0746)
(after 24 hrs.) 35.93 9-25-87 1135
Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 32.92 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 164.60 gallons
Added Water 0 gallons
Total Purge Volume ____ gallons
Casing/Anulus Volume 22.36 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILER

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 015883
pH 7.00 = 7.02 at 18.3 °C, pH 10.00 = 10.08 at 18.1 °C
Conductance Meter Used: CMS DIGITAL SN: 14274
Standard 1000 umhos/cm at 25°, Reading 1001 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 40	7:57	12.8	12.43	2090	cloudy Gray silt
66	8:22	13.0	12.53	2390	Muddy Gray/BLACK cuttings?
Final					DLW

Remarks: Initial HNU @ wellhead = 0.3 ppm ; well developed w. 27 gallons

Sand Pack Vol:
70.0
57.6
12.4
12.4' sand pack x 0.852 gal/ft = 10.56 gal
10.56 gal + 22.36 casing annulus vol = Purge vol = 32.92

Collected by [signature] 07-07-87
Signature Date
Checked by [signature]
C-77

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WELL DEVELOPMENT DATA

Bore EP 53 D2 Well 23222

Project RMA ON POST Project Number T4U

Date(s) Developed 07-09-87 Date Installed 05/15/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.
PJB/ESE

Anulus Diameter 17½ in. 0 ft. to 46 ft.
* 11¼ in. 46 ft. to 50 ft.

Rig Used ESE WELL SERVICE TRUCK Screen Interval 59.6 ft. to 70.3 ft.

Pump (Type/Capacity) N/A ft. to ft.

Bailer (Type/Capacity) 3.85" x 2' Casing Height (Above G.L.) 1.4 ft.

Water Source RMA Bottom of Screen (Below G.L.) 70.3 ft.

Measured Well Depth TOC (Initial) 70.0 ft.
(Final) ft.

Water Level TOC/Date/Time (Initial) 35.76/7-06-87/1105 (41.46/7-07-87/0746) (36.01/7-09-87/082
(after 24 hrs.) 35.13 9-25-17 1135

Feet of Water in Well 34.24 ft. x 0.657 gallons/foot = 22.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.92 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume gallons

Casing/Anulus Volume 22.36 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015893

pH 7.00 = 7.03 at 17.1 °C, pH 10.00 = 10.09 at 17.4 °C

Conductance Meter Used: CMS DIGITAL SN: 14243

Standard 1408 umhos/cm at 25°, Reading 1406 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 66	0836	12.6	12.08	2530	Mostly clear.
99	0859	13.0	12.34	3090	Cloudy w/ dissolved gray bentonite.
Final					DLW

Remarks: Initial HNU @ wellhead = 0.1 ppm. ; well dewatered in 33 gallons (0859)

* 11¼" to 50 ft. to 70.3 ft.
Sand Pack Vol.
12.4 ft x .852 gal/ft = 10.56 gal

Collected by [signature] 07/09/87
Signature Date

Checked by

C-78

7008 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP 53D2 Well 23222

Project RMA ON POST Project Number T44

Date(s) Developed 7/13/87 Date Installed 5/15/87

Personnel (Name/Company) DLW / ESE Well Diameter (I.D.) 4 in.

ABW / ESE Anulus Diameter 17½ in. 0 ft. to 40 ft.

Rig Used ESE WELL SERVICE TRUCK x 11½ in. 40 ft. to 50 ft.

Pump (Type/Capacity) N/A Screen Interval 57.6 ft. to 70.3 ft.

Bailer (Type/Capacity) 3.85 x 2' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.4 ft.

Measured Well Depth TOC (Initial) 70.0 ft. Bottom of Screen (Below G.L.) 70.3 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105 (41.86/7-7-87/0746) (36.0/7-9-87/0824)

(after 24 hrs.) 35.87 7-25-87 1135

Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.92 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume gallons

Casing/Anulus Volume 22.36 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Φ21 SN: 015887

pH 7.00 = 7.04 at 14.7 °C, pH 10.00 = 10.12 at 15.2 °C

Conductance Meter Used: CMS DIGITAL SN: 12/274

Standard 1408 umhos/cm at 25°, Reading 1409 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 99	0944	12.1	12.03	2390	Clear
133	1019	12.7	12.05	2310	Cloudy w/ gray silt.
Final					DLW

Remarks: Initial HARD to well head = 0.0 ; Well dewatered in 34 gallons (1023)
@ 72.0' South to 70.3'.

Sand Pack Vol:
12.1 ft. x .652 gal/ft = 10.56 gal.
in Cl. + 22.36 + 32.92 = 1 ounce vol.

Collected by [signature] 7/13/87
Signature C-79 Date

Checked by [signature]

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WELL DEVELOPMENT DATA

Bore EP 53D2 Well 23222

Project RMA OU POST Project Number TASK 44

Date(s) Developed 7/14/87 Date Installed 5/15/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

ABW/ESE Anulus Diameter 10¾ in. 0 ft. to 40 ft.

Rig Used ESE WELL SERVICE TRUCK ¥ 11¾ in. 40 ft. to 50 ft.

Pump (Type/Capacity) N/A Screen Interval 59.6 ft. to 70.3 ft.

Bailer (Type/Capacity) 3.85 x 2' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.4 ft.

Measured Well Depth TOC (Initial) 70.0 ft. Bottom of Screen (Below G.L.) 70.3 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105 (41.46/7-7-87/0746) (36.0/7-9-87/0824)

34.24 (after 24 hrs.) 35.43 9-25-87 1135

Feet of Water in Well ~~12.76~~ 22.36 ft. x 0.653 gallons/foot = ~~8.33~~ 14.60 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.92 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume gallons

Casing/Anulus Volume ~~8.33~~ 2236 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015883

pH 7.00 = 7.07 at 20.4 °C, pH 10.00 = 10.07 at 20.4 °C

Conductance Meter Used: CMS DIGITAL SN: 14274

Standard 1408 umhos/cm at 25°, Reading 1408 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 133	0929	12.6°C	11.71	2220	clear.
167	10.07	13.1°C	12.08	2810	cloudy w/ light grey silt (some dissolved bentonite)
Final					DLW

Remarks: Initial HNU @ wellhead = 0.0 ppm (7-14-87, 0920)
well de-watered at 34 gals 7/14/87

1 Purge vol = 10.56 gal (Sand pack vol.)
+ 22.36 gal (casing/annular vol)
32.92 gal

Collected by [signature] 7/14/87
Signature Date

Checked by [signature]

C 90

WELL DEVELOPMENT DATA

Bore EP 53 D2 Well 23222

Project TCAA ON POST
Project Number TI+SIC 49
Date(s) Developed 7/20/87
Date Installed 5/15/87
Personnel (Name/Company) DLW/ESE
ABW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 40 ft.
11⅓ in. 40 ft. to 50 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 58.6 ft. to 70.3 ft.
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.55" x 2.0'
ft. to ft.
Water Source RAIN
Casing Height (Above G.L.) 1.4 ft.
Measured Well Depth TOC (Initial) 70.0 ft.
Bottom of Screen (Below G.L.) 70.3 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105 (41.46/7-7-87/0746) (36.0/7-9-87/0820)
(after 24 hrs.) 35.43 5-25-87 1135
Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 32.92 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 164.60 gallons
Added Water 0 gallons
Total Purge Volume gallons
Casing/Anulus Volume 22.36 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015883
pH 7.00 = 7.00 at 26.1 °C, pH 10.00 = 10.00 at 26.5 °C
Conductance Meter Used: CMS DIGITAL SN: 14243
Standard 1000 umhos/cm at 25°, Reading 1002 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 167	11:33	13.0	11.76	1589	PARTIALLY CLEAR OTTER SILT
199	12:09	14.3	12.07	953	CLOUDY W/ MUCH FINE GRAY SAND
Final					DLW

Remarks: Well dewatered in 32 gallons (7/20/87, 1205)
Initial DTW in well read = 0.0 from 7/20 87 11:15)

1 Purge vol = 10.56 gal (Sand pack vol)
+ 22.36 gal (casing/annulus vol.)
32.92 gal

Collected by [signature] 7/20/87
Signature C-81 Date
Checked by [signature]

WELL DEVELOPMENT DATA

Bore EA 5302 Well 23222

Project RMA ON POST Project Number THSK 44

Date(s) Developed 7/24/87 Date Installed 5/15/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

ABW/ESE Anulus Diameter 17½ in. 0 ft. to 40 ft.

Rig Used ESE WATER SERVICE TRUCK * 12 in. 40 ft. to 50 ft.

Pump (Type/Capacity) N/A Screen Interval 596 ft. to 703 ft.

Bailer (Type/Capacity) 3.85" X 2.0' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.4 ft.

Measured Well Depth TOC (Initial) 70.0 ft. Bottom of Screen (Below G.L.) 703 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105

(after 24 hrs.) ~~35.76/7-0-87/1105~~ DW 35.33 7-25-87 1135

Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.92 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume gallons

Casing/Anulus Volume 22.36 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN Ø21 SN: 015383

pH 7.00 = 7.00 at 25.2 °C. pH 10.00 = 10.01 at 25.0 °C

Conductance Meter Used: CMS DIGITAL SN: 14243

Standard 1000 umhos/cm at 25°. Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, color)
Initial 199	0920	12.8	11.67	1556	clear
237	1003	13.5 ~~12.75~~	12.25	1978	CLOUDY W/BROWN SILT AND SOME FORMATION SAND
Final					DLW

Well dewatered in 33 gallons.

HNU while bailing = 7-12 ppm at wellhead

Remarks: Initial HNU @ wellhead = 203 ppm / 12.9 ppm

Water Level = 35.87 / 7-24-87 / 0912

3" 7½" SCH To. 70.3'

* Purge vol = 10.56 gal (Sand pack vol.)
+ 22.36 gal (casing/annulus vol.)
32.92 gal.

Collected by [signature] 7-24-87 (signature / date)

Checked by _____

C-82

WELL DEVELOPMENT DATA

Bore EP-53D2 Well 23222

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 7/27/87
Date Installed 5/7/87
Personnel (Name/Company) DLW/ESE
PJB/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 46 ft.
* 11¼ in. 40 ft. to 50 ft.
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS / 7 GPM
Screen Interval 596 ft. to 703 ft.
Bailer (Type/Capacity) N/A
ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 1.4 ft.
Measured Well Depth TOC (Initial) 702 ft.
Bottom of Screen (Below G.L.) 70.3 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 35.76 / 7-6-87 / 1105
(after 24 hrs.) 35.83 9-25-87 1135
Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 32.92 / 164.60 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume gallons
Added Water 0 gallons
Total Purge Volume gallons
Casing/Anulus Volume 22.36 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique RAISE / LOWER PUMP

Calibration: pH Meter Used: BECKMAN Ø21 SN: 015882
pH 7.00 = 7.00 at 25.4 °C, pH 10.00 = 10.01 at 25.1 °C
Conductance Meter Used: CMS DIGITAL SN: 14243
Standard 1000 umhos/cm at 25°, Reading 1003 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 232	0845	18.1	11.93	1769	pump DW moSTly clear, some silt
264	0912	17.0	11.70	1560	cloudy w/ some silt
Final					DLW

Remarks: Initial flow @ wellhead = 28 gpm.
Well developed in 32 gallons.
* 7⅝" 50' TO 70.3'

1 Range Vol = 10.56 gal (Sand pack vol)
+ 22.36 (casing/annulus vol)
32.92 gal

Collected by [signature] 7.27.87
Signature Date
Checked by [signature]

C-83

WELL DEVELOPMENT DATA

Bore SP-53 D2 Well 23222

Project RMA ON-POST Project Number TASK 44

Date(s) Developed 7/28/87 Date Installed 5/7/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

DJB/ESE Anulus Diameter 7¾ in. 0 ft. to 40 ft.

Rig Used ESE WELL SERVICE TRUCK * 11¼ in. 40 ft. to 50 ft.

Pump (Type/Capacity) N/A Screen Interval 50.6 ft. to 70.3 ft.

Bailer (Type/Capacity) 3.95" x 20' ____ ft. to ____ ft.

Water Source RMA Casing Height (Above G.L.) 1.4 ft.

Measured Well Depth TOC (Initial) 70.0 ft. Bottom of Screen (Below G.L.) 70.3 ft.

(Final) ____ ft.

Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105

(after 24 hrs.) 35.83 7-25-87 1135

Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.92 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume ____ gallons

Casing/Anulus Volume 22.36 0.653 DW gallons Volume Measured By 5 GAMON BUCKET SW

Surge Technique ~~RAISE & LOWER POWER~~ BAILING

Calibration: pH Meter Used: BECKMAN ϕ 21 S/N: 015883

pH 7.00 = 7.00 at 24.2 °C, pH 10.00 = 10.02 at 24.7 °C

Conductance Meter Used: CAM DIGITAL S/N: 14243

Standard 1000 umhos/cm at 25°, Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 264	0856	29	11.49	1462	Clear.
296	0926	13.5	12.09	1820	Cloudy Gray Silt
Final					

Remarks: Initial HNU @ well head = .40 ppm Developed w/32 gallons

* FINAL ANULUS DIA. = 7¾" 50' TO 70.3'

1 Purge Vol = 10.56 sand pack vol.
+ 22.36 casing annulus vol.
32.92 gallons

Collected by [signature] 7-28-87

Signature Date

Checked by [signature]

C-84

WELL DEVELOPMENT DATA

Bore SP-53 D2 Well 23222

Project RMA ON-POST Project Number THSK 44

Date(s) Developed 8/4/87 Date Installed 5/7/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

JFP/NLA Anulus Diameter 17½ in. 0 ft. to 40 ft.

Rig Used ESE WELL SERVICE TRUCK 11½ in. 40 ft. to 50 ft.

Pump (Type/Capacity) N/A Screen Interval 59.6 ft. to 70.3 ft.

Bailer (Type/Capacity) 3.85" x 20' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.4 ft.

Measured Well Depth TOC (Initial) 70.0 ft. Bottom of Screen (Below G.L.) 70.3 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105

(after 24 hrs.) 35.93 9-25-87 1135

Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.92 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume gallons

Casing/Anulus Volume 32.36 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN φ 21 SN: 015883

pH 7.00 = 7.01 at 20.3 °C, pH 10.00 = 10.04 at 20.4 °C

Conductance Meter Used: CMS DIGITAL

Standard 1000 umhos/cm at 25°, Reading 1001 umhos/cm at 22 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 296	0750	12.3	11.60	1519	Mostly clear, some silt & fine sand.
328	0829	12.5	12.03	1893	cloudy w/ some silt, some fine sand.
Final					DW

Remarks: Initial RMA @ wellhead = 140 gpm; 1% in 3rd 5 gal. bucket.

Well developed in ~2 volumes

* Final turbidity = 7.5 NTU @ 12.3'

1 Purge vol. = 32.5's Sand pack vol.

+2" = casing vol.

34.42 vol.

Collected by DLW/ESE 9-28-87

Signature C-85 Date

Checked by

WELL DEVELOPMENT DATA

Bore EP-52 D2 Well 23222

Project RMA ON-POST Project Number TASK 411

Date(s) Developed 5/11/87 Date Installed 5/7/87 ~~4~~ DW

Personnel (Name/Company) DGW/ESE Well Diameter (I.D.) ~~4~~ DW 4 in.

PJB/ESE Anulus Diameter 17½ in. 0 ft. to 40 ft.

Rig Used ESE WELL SERVICE TRUCK ~~11½~~ in. 40 ft. to 50 ft.

Pump (Type/Capacity) N/A Screen Interval 59.6 ft. to 70.3 ft.

Bailer (Type/Capacity) 3.5" x 2.0' ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.0 ft.

Measured Well Depth TOC (Initial) 70.0 ft. Bottom of Screen (Below G.L.) 70.3 ft.

(Final) 71.8 ft.

Water Level TOC/Date/Time (Initial) 35.76/7-6-87/1105

(after 24 hrs.) ~~4~~ DW 35.83/07-25-87/11.35

Feet of Water in Well 34.24 ft. x 0.653 gallons/foot = 22.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 32.72 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 164.60 gallons

Added Water 0 gallons Total Purge Volume 360 gallons

Casing/Anulus Volume 22.36 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: BECKMAN ϕ 21 SN: 015383

pH 7.00 = 7.00 at 23.7 °C. pH 10.00 = 10.03 at 22.5 °C

Conductance Meter Used: CMS DIGITAL SN: 11341

Standard 1000 umhos/cm at 25°, Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, odor)
Initial 320	0750	12.6	11.69	1592	clear
360	0833	13.2	11.92	1854	cloudy w/ some silt & very little fine sand
Final					

Remarks: Initial RMA @ wellhead = 8.0 ppm - up to 2.5 ppm - 0.0 in bearing zone.
& Final anulus dia = 7½" TO 40'

Purge vol. = 10.56 sand point vol.
+ 22.36 casing vol.
32.92 ~~gallons~~

Collected by [signature] 5/11/87
Signature

Checked by

C-86

ESE 7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

BOREHOLE SUMMARY LOG

Borehole EP-56 Well 26153

Project Name and Location RMA Sect 26 M.W. Install. Project Number T44

Drilling Company Boyles Bros Driller B. Roach Rig Number Failing 150W

Drilling Method(s) 12¼" Auger, rotary

Size(s) and type(s) of bit(s) 12¼" Auger 3⅞ Tri cone

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 42.5 ft. ____ cm.

3⅞ in. ____ cm. 42.5 ft. ____ cm. to 150 ft. ____ cm.

Sampling Methods cont. core.

Total Number Soil Sampling Tubes —

Total Number Core Boxes 9

Number of Gallons Lost Drilling Fluid ____

Date/Time Started Drilling 10/7/87 0805

Date/Time Completed Drilling 10/8/87 0821

Total Borehold Depth 150' ft. ____ cm.

Depth to Bedrock 42.5' ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 10/8/87 0958

Depth of Tremmie Pipe 150'

Gallons of Grout 145

Materials Used 10 bgs of cement, 100 gal H_2O, 1 bag of flow lime

Comments grouted to ground surface

Wellsite Geologist Steve Pawl Date 10/21/87

Checked for Grout Settlement on 10/20/87 by Steve Pawl

Amount of Grout Added 10 gal

All Measurements from Ground Level

Reviewed by [signature] Date [illegible]

Drill Site Geologist Steve Pawl Date 3/17/88

C-88

Borehole: EP - 56 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL COLORS
0			NA		ML	Sandy-silt, ~20% v.f.gr. sand, 10YR, 3/4, dk. yeal. brown, non-plas., loose, dry, alluvium
1	0-2'	0.9'		0-2'		
2						At 2.0', sandy-silt, ~20% v.f.gr sand, color changes to 10YR, 5/4-6, yeal brown, non-plas. loose, dry, alluvium.
3	2-4'	1.0'		2-4'		
4						
5	4-6'	2'		4-6'		At 5.0', sandy-silt, % sand increases to ~40% v.f.gr sand, 10YR, 5/4-6, yeal. brn., non-plas. loose, dry, alluvium.
6						

C-89

Drill Site Geologist: N. Coates Date: 9/5/89

Reviewed By: [illegible] Date: [illegible]

Borehole: B-56 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
6			NA		ML	
7	B-6,	1.75		B-6,		
8						At 6.0', clayey-silts, ~5% clay, 10 YR, 7/3 v. pale brown, non-plas., med. dense, dry, alluvium
9	10'-12'	2'		B-10'		
10						At 10', clayey-silts, % clay increases to ~20% 10 YR, 5/3-4, brown, slightly plas., v. stiff, v. slight moist, alluvium.
11	10-12'	1.85'		10-12'		
12						

C-90

Drill Site Geologist: A.E. Stiltz Date: 9/5/85

Reviewed By: [signature] Date: 11.1.7

Borehole: EP - 5C Well Number:

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
12 12.3			NA		ML	At 12.3', Clayey - fine sands, ~ 5% clay, 10 YR, 5/3-4, brown, non-plas, loose - med. dense, v. slight moist, alluvium.
13	12' - 14'	1.65		12' - 14'		
14						
15	14' - 16'	2'		14' - 16'		At 15', clayey - fine sands, ~ 25% - 30% clay, 10 YR, 5/3, brown, mottled w/ 1" calcareous veins, 10 YR, 8/1, white, slight plas, hard, v. slight moist, alluvium.
16						
17 17.2	16' - 18'	2'		16' - 18'	SM	poorly graded sand - silt mixture, ~ 30 - 40% silt, med - coarse sands, 10 YR 5/3-4, brown, non-plas., loose, dry, alluvium.
18						

Drill Site Geologist: [signature] Date: 9/15/87

Reviewed By: [signature] Date: [illegible]

C-91

Borehole: EP-5A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
18			NA			Mixed Clays
19	18-20'	0'		18-20'		NO RECOVERY
20						AUGER LOSS
21	20-22'	0'		20-22'		SEVERAL ATTEMPTS MADE USING SAMPLER SIZES OF DIFFERENT INNER DIAMETERS
22						
23	22-24'	0'		22-24'		
24			T			

C-92

Drill Site Geologist: Date: 9/8/89

Reviewed By: Date:

Borehole: [illegible] Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
24			NA		SP	gravelly-sands, ~ 30-40% gtz & feldspar gravel, fine-coarse gr sands, 10 YR, 5/4-6, yeal brn, non-plas, loose, v. slightly moist, alluvium.
25	24-26'	1.0'		24-26'		
26						At 26', gravelly-sands, ~ 30-40% gravel (1-2" dia), fine-coarse sands, 10 YR, 5/4-6, yeal brn, non-plas, loose, v. slightly moist, alluvium.
27	26-28'	1.0'		26-28'		
28						At 28', gravelly-sands, ~ 20-30% gravel (1/4"-1/2" dia), fine-coarse gr sands, 10 YR, 5/4-6, yeal brn, non-plas, loose, v. slightly moist, alluvium
29	28-30'	1.15'		28-30'		
30						

Drill Site Geologist: A. E. Datta Date: 9/8/85

Reviewed By: [illegible] Date: [illegible]

C-93

Borehole: EP-56 Well Number:

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description — Munsell Colors
30			NA		GC	Poorly graded gravel - sand - clay mixture, ~50% gravel (1/4 - 3/4" dia.), ~20% clay, 30% med - coarse gr. sand, 10 YR 5/4-6, yellowish brown, non-plas, loose, slightly moist, alluvium.
31	30 - 32'	0.75		30 - 32		
32					SP	gravelly - sands, ~30-40% gravel (1/4 - 1/2" dia.) med - coarse gr. sands, 10 YR, 5/4-6, yellowish brown, non-plas, loose, slightly moist, alluvium.
33	32 - 34'	0.95		32 - 34'		
34						
35	34 - 36'	1.0'		34 - 36'		
36						

Drill Site Geologist: [illegible] Date: 9/15/93

Reviewed By: [illegible] Date: [illegible]

C-94

Borehole: EC-6 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
36			NA		SP	
	36 - 38'	0.95'		36-38'		
37						
38						No Recovery
	38 - 39'	0'		38-40'		
39						Auger Loss
40						At 40', gravelly-sands, % gravel decreases to 10-20%, 10 YR 5/4-6, yellowish brown, non-plas, loose, slightly moist, alluvium.
	42 - 43'	1.6'		40-42'		
41						
42						

LAA's Drill Site Geologist: [signature] Date: 7/21/15

Reviewed By: [signature] Date: 10/1/15

C-95

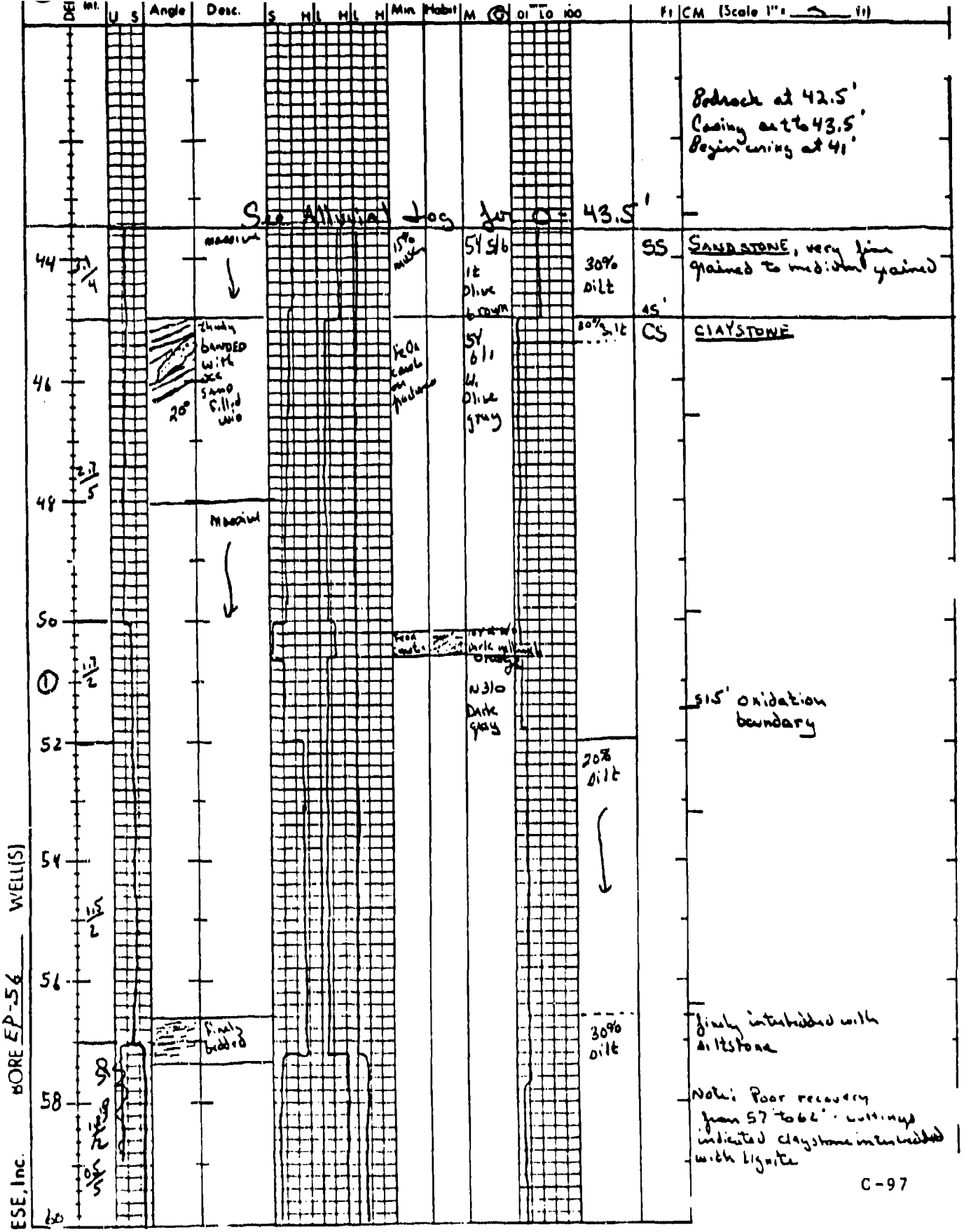
Borehole: KP-56 Well Number:

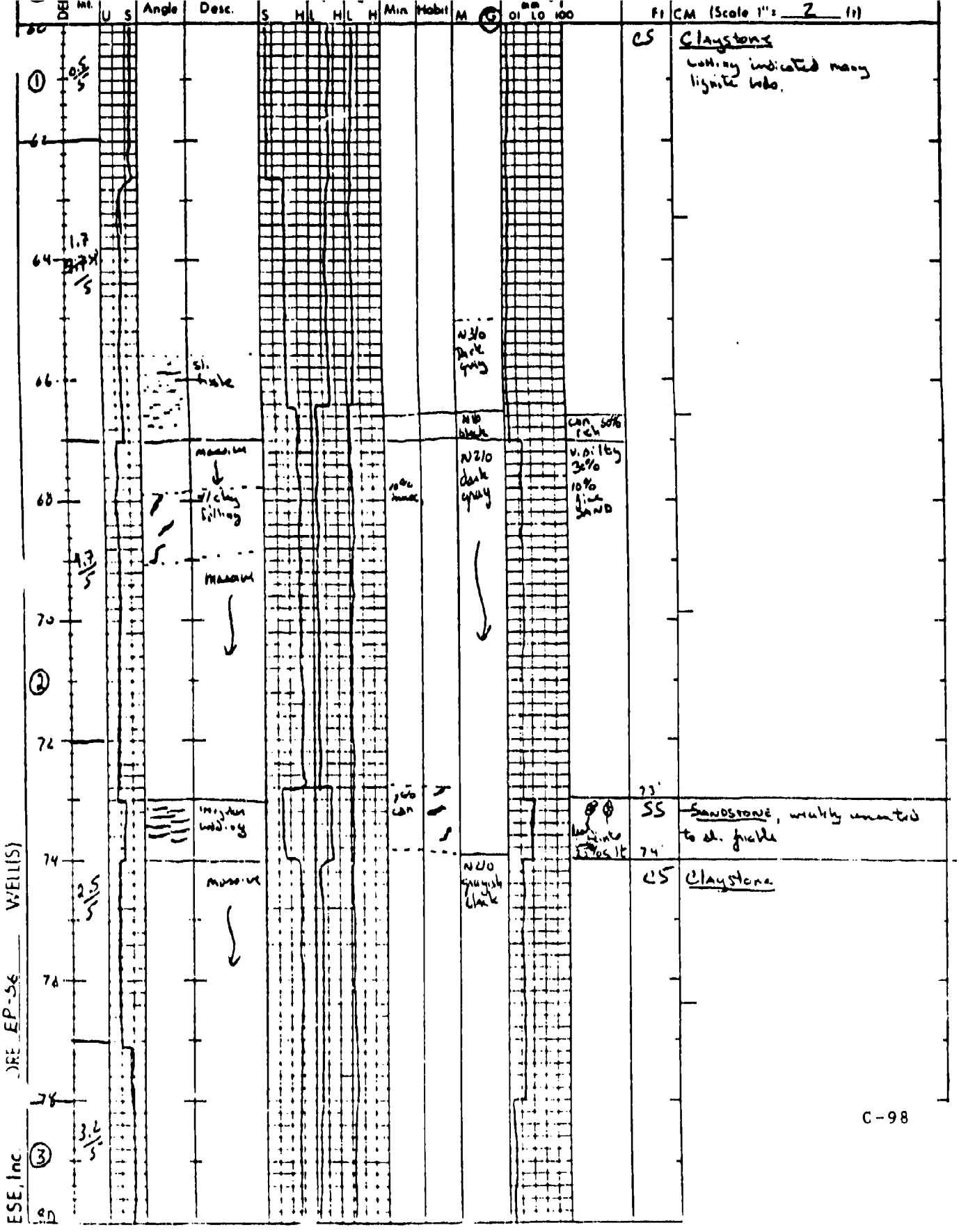
Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
42			NA		SP	At 42', gravelly-sands, ~40% gravel, 10 YR 5/4-6 yuish brown, non-plas., loose, slightly moist alluvium.
42.5	1ft - 7/4	2'		1ft - 7/4		
43					CL	silty-clay stone, ~5-10% silt, 5Y, 4/3-4, - olive, slightly plas., med-stiff - stiff, slightly moist, bedrock,
44						END OF BORING LOG
45						
46						
47						
48						

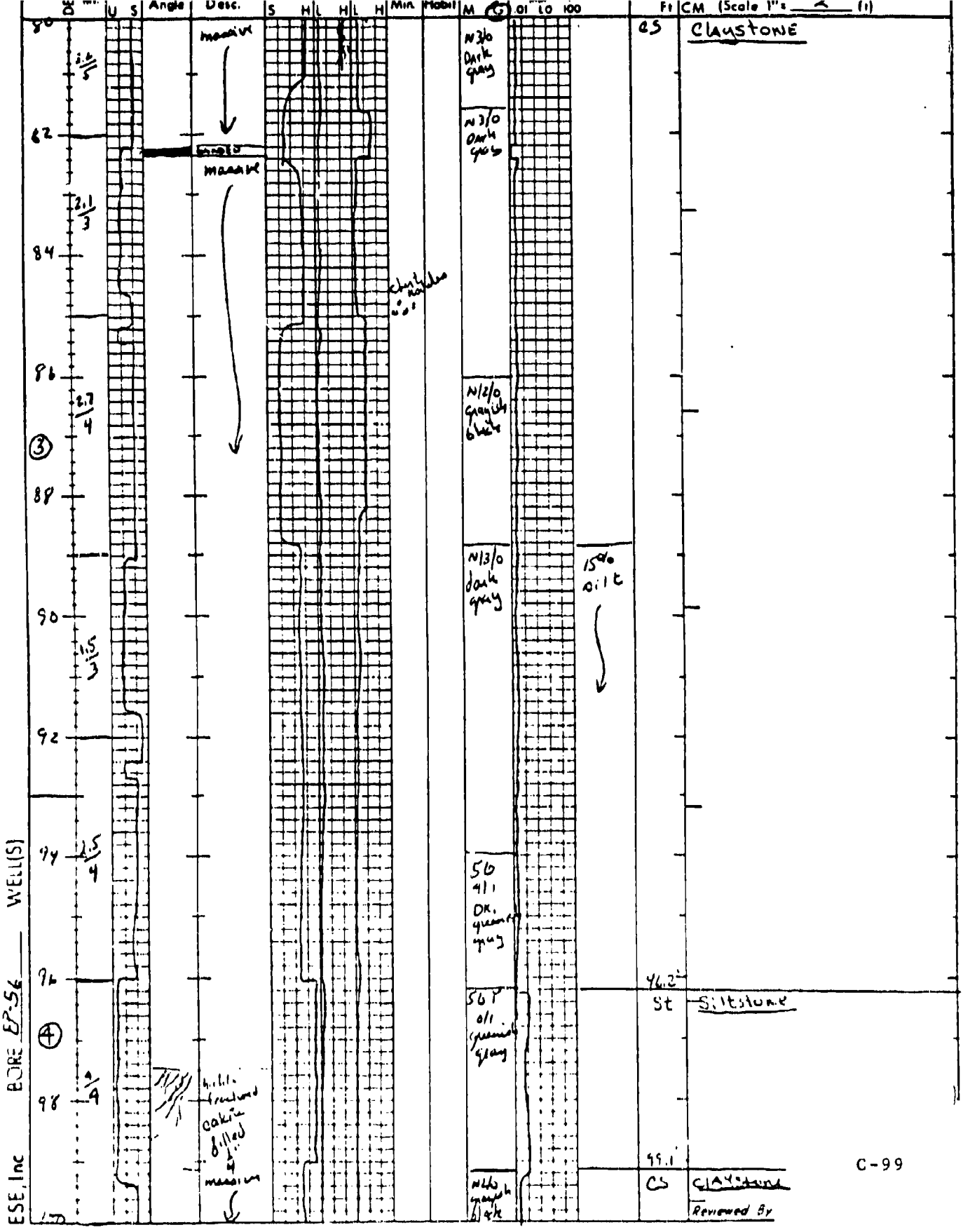
C-96

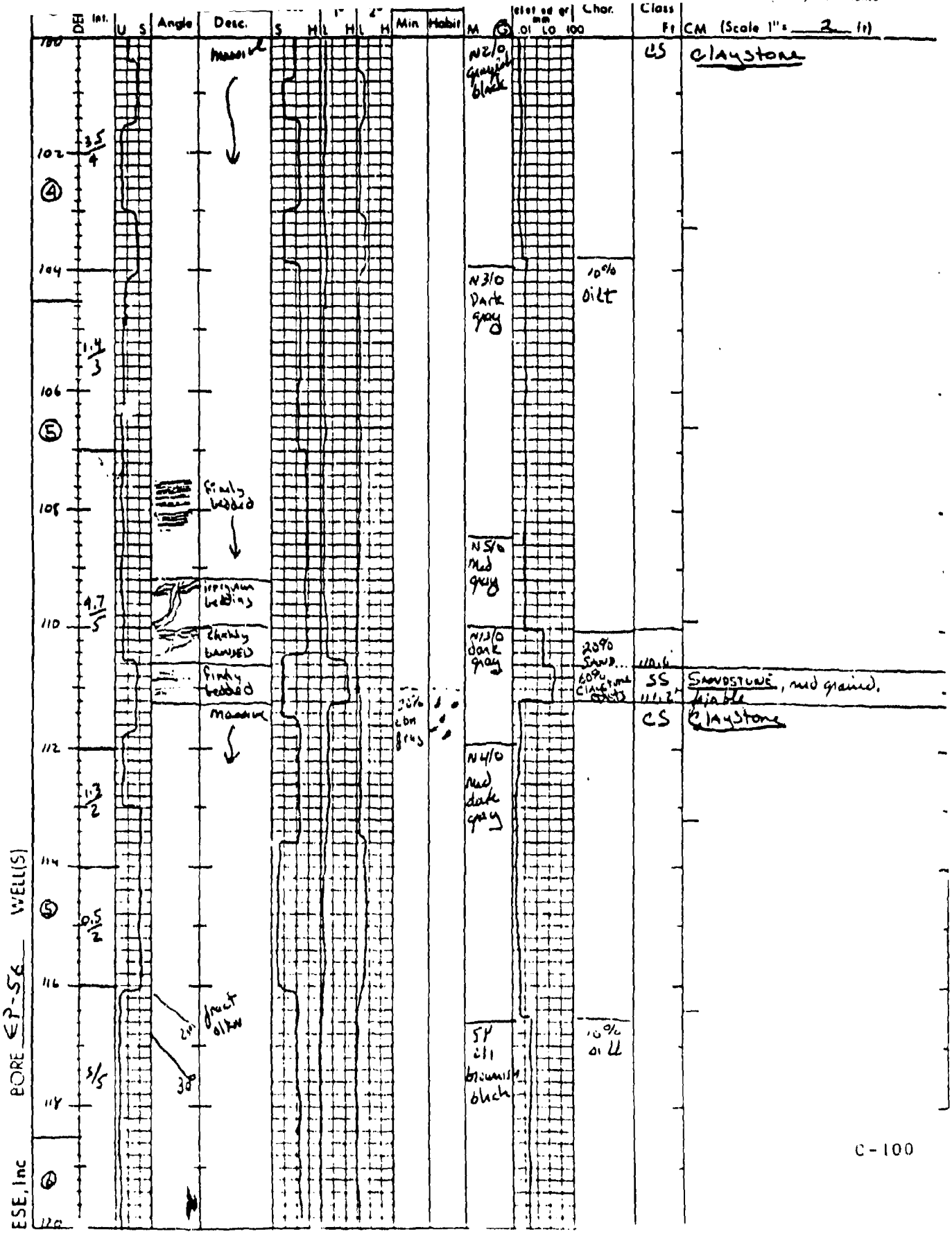
Drill Site Geologist: [illegible] Date: [illegible]

Reviewed By: [illegible] Date: [illegible]

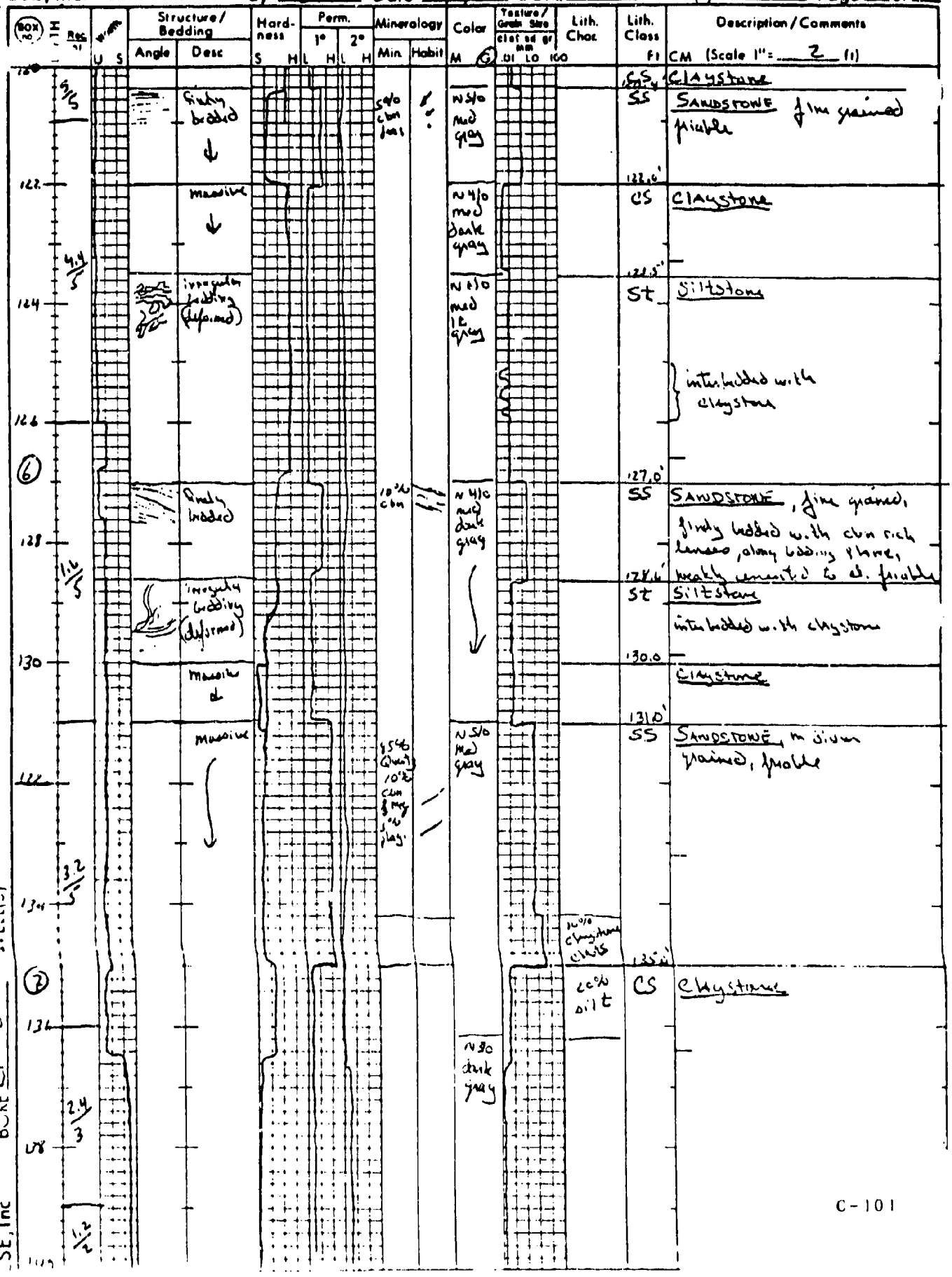

Bedrock at 42.5'
Casing set to 43.5'
Begin coring at 41'
See Alluvial Log for 0 - 43.5'
SANDSTONE, very fine grained to medium grained
CLAYSTONE
515' oxidation boundary
finely interbedded with siltstone
Note: Poor recovery from 57' to 62'. Cuttings indicated claystone interbedded with lignite
BORE EP-56 WELL(S)
ESE, Inc.
C-97


DEPTH
Int.
U S
Angle
Desc.
S HL HL HL H
Min
Habit
M
01 10 100
Ft
CM (Scale 1": 2 ft)
CS
Claystone
coaly indicated many lignite lobs.
1
0.5 S
64
1.7 Bent S
66
sl. shale
N3/0 dark gray
N10 black
CAN tCh 50%
V. bity 3%
10% fine SAND
massive
w/clay filling
68
10% max
N2/0 dark gray
4.7 S
massive
70
2
72
73'
SS
SANDSTONE, mainly quartz to sl. fine
lithic 10%
74
CS
Claystone
massive
2.5 S
76
3.2 S
3
78
WELL(S)
EP-36
ESE, Inc.


DB mm
U S
Angle
Desc.
S H L H L H
Min
Mobil
M
.01 to 100
Ft CM (Scale 1" = 2 ft)
80
82
84
86
88
90
92
94
96
98
massive
massive
N3/0 Dark grey
N3/0 dark grey
N12/0 greenish black
N13/0 dark grey
5G 4/1 Dk. greenish grey
5GY 4/1 greenish grey
N4/0 greenish grey
15° silt
CS
Claystone
46.2'
St
Siltstone
99.1'
CS
Claystone
Reviewed By
ESE, Inc
BORE EP-56
WELL(S)
C-99


DH
Int.
U S
Angle
Desc.
S
1" H L
4" H L H
Min
Habit
M
Color as of moist
Chor.
Class Ft
CM (Scale 1" = 2 ft)
CS
Claystone
Massive
N2/0 grayish black
3.5/4
N3/0 Dark gray
10% silt
1.4/3
Finely bedded
N5/0 med gray
Irregular bedding
4.7/5
Thinly banded
N3/0 dark gray
20% sand
60% clay
SS
Sandstone, med grained, friable
Finely bedded
Massive
CS
Claystone
1.3/2
N4/0 med dark gray
0.5/2
Joint dip
5/5
5F silt brownish black
10% silt
BORE EP-5c WELL(S)
ESE, Inc
C-100

ESE, Inc. CORE LOG By SP Date 10/9/87 BORE EP-56 Well(s) _____ Page 5 of 6



BORE EP-56 WELL(S)

ESE, Inc

C-101

ESE, Inc. CORE LOG By SP Date 10/9/87 BORE EP-56 Well(s) _____ Page 2 of 2

Box no.	DEPTH	Rec. Int.	Structure/Bedding: U S	Angle	Desc.	Hardness: S H	Perm. 1° L H	Perm. 2° L H	Mineralogy: Min	Habit	Color: M G	Texture/Grain Size: cl si sd gr cb: OI LO 100	Lith. Chas.	Lith. Class: Ft	Description/Comments: CM (Scale 1" = 2 ft)
	142	1.2/2			massive						N30 dark gray			CS	Claystone
	144	1.0/5													
7	146														
	148	3.1/4													
8	150														

Total depth 150.0'

EP-56 WELL(S)

SE, Inc.

Frontier Logging
Lakewood, Colorado

Date OCT. 8, 1987

ESE
EP-56
RMA

County ADAMS COUNTY
State COLORADO
Log Measured From Ground Level

Driller Depth 149 Ft
Hole Size 3 7/8"
Casing Size 43 Ft PVC
Fluid in Hole native mud
Rig No. 110
Operator Wm. Linton
Location Lakewood
Time 0835
Time 0910

T.D. Logged 146½ Ft
Natural Gamma 200 Scale = 20 CPS per inch
Time Constant 2 Sec
Logging Speed 15 Ft/Min
Cable Serial No. 103-1041
Probe Diameter 5/8"
K Factor 2.38 x 10⁻⁵
Hole Type Mud
Hole Diameter 7 Inches
Casing Factor 1.10
Casing Size 3 7/8"
Resistance 40 ohms/5"
S.P. 100 MV/Inch

NATURAL GAMMA (ANALOG)
Scale CPS/In
TC Sec
Logging Speed Ft/Min
From Ft To Ft
Total Ft

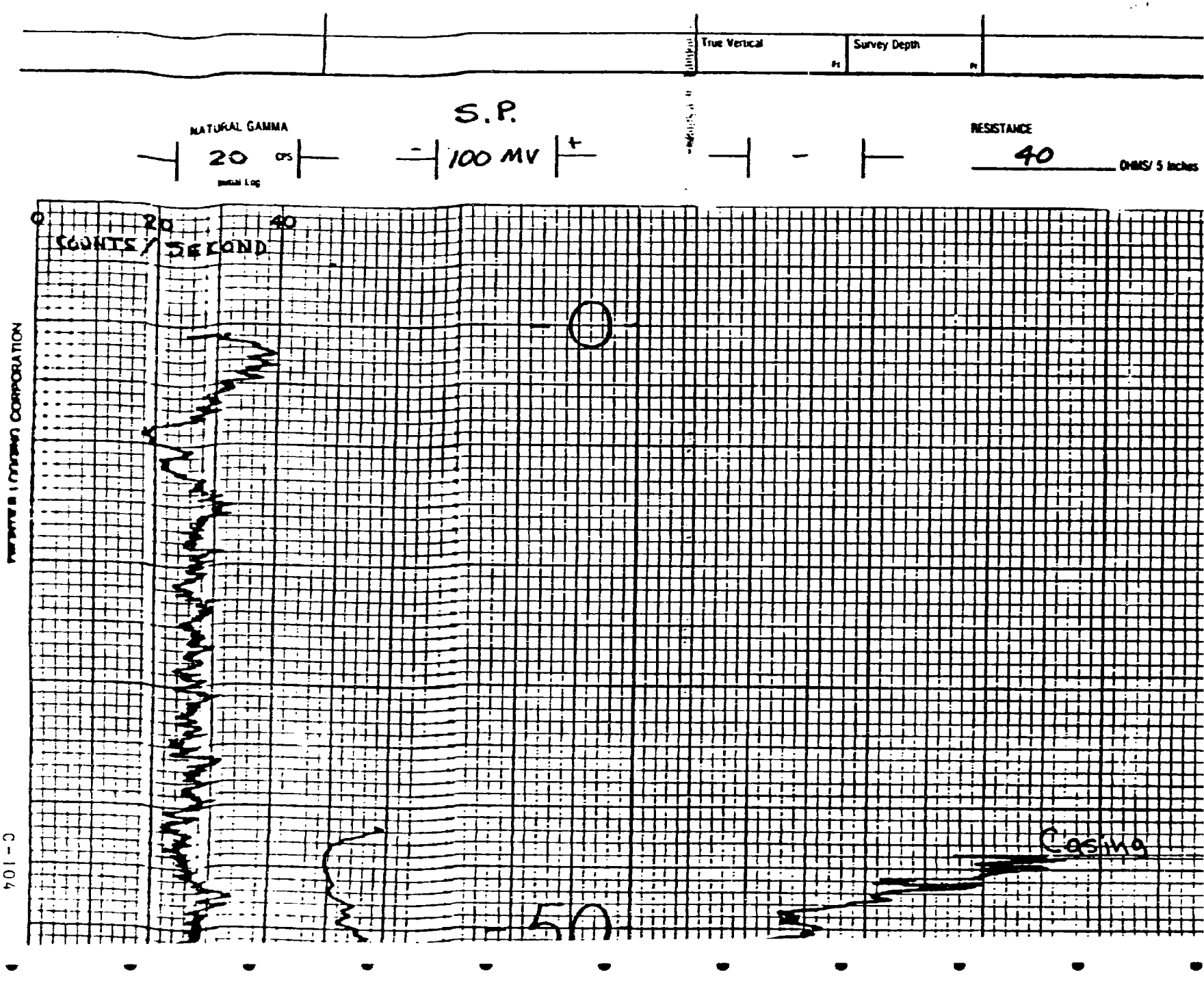
Gamma (Analog)
Gamma (Digital)
Caliper
Temperature
DIRECTIONAL DATA
Closure
Azimuth
True Vertical
Survey Depth
Density Source No
Type
CPS/Inch
Neutron Source No
Type

C-103

NATURAL GAMMA
20 CPS
Initial Log

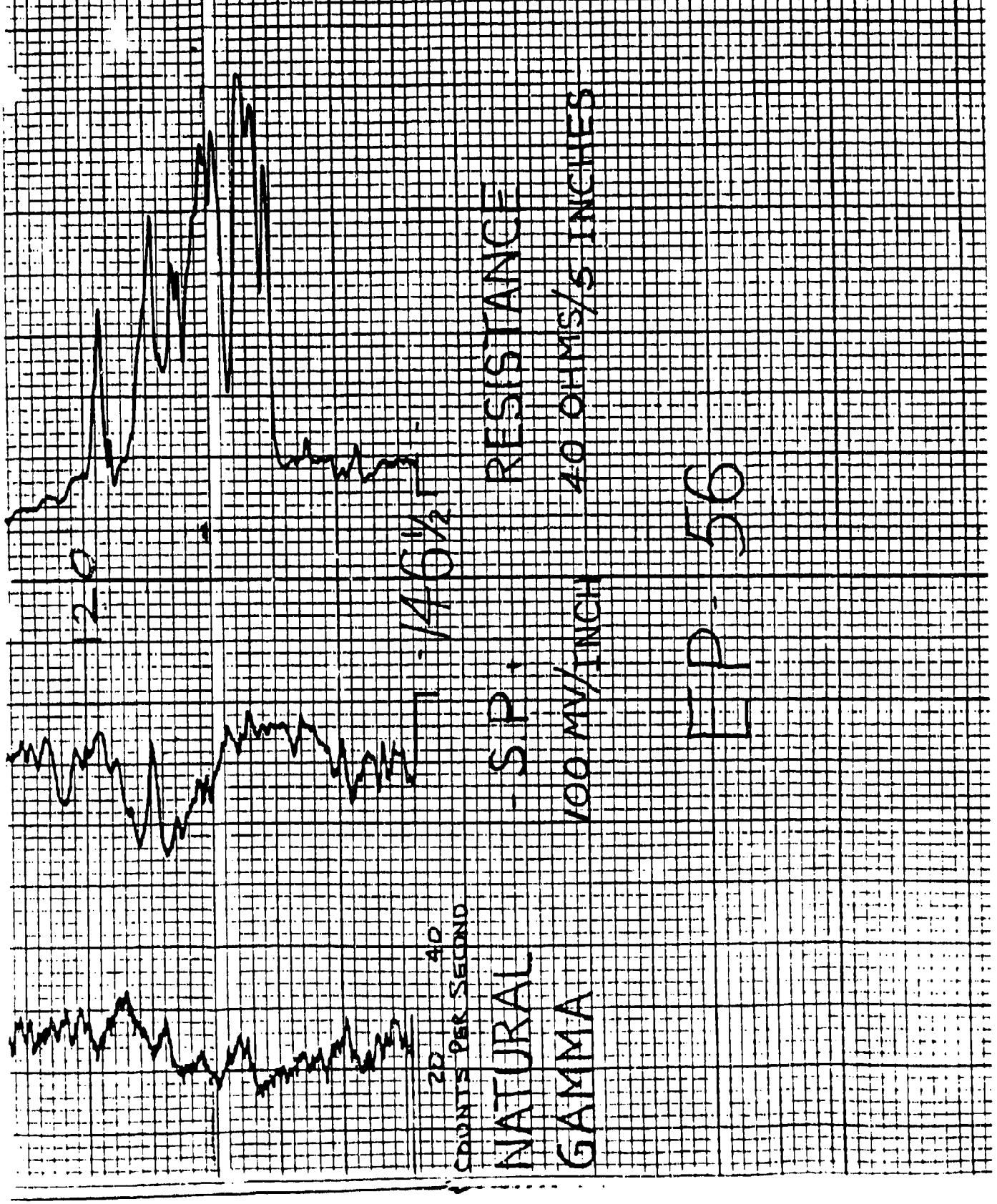
S.P.
100 MV

RESISTANCE
40 OHMS/ 5 Inches


True Vertical
ft
Survey Depth
ft
NATURAL GAMMA
20
cps
Initial Log
S.P.
100 MV
RESISTANCE
40
OHMS/ 5 inches
0
20
40
COUNTS / SECOND
-0
50
Casing
C-104

C-105

No. GC 13142


S.P.
1/10 0½
RESISTANCE
40 OHMS/5 INCHES
100 MV/INCH
NATURAL
GAMMA
20 COUNTS PER SECOND
40
0
1
2
5
6

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WELL CONSTRUCTION SUMMARY

Borehole EP-56 DT SP D2 Well 26153

Project Name and Location RWA TASK 19/SECT 26 Project Number 744

Drilling Company BOYLES BROTHERS Driller DON IRWIN Rig Number 32

Drilling Method(s) 11 3/4" ROTARY, 7 7/8" ROTARY

Borehole Diameter 11 3/4 in. ____ cm. 0 ft. ____ cm. to 50 ft. ____ cm.
7 7/8 in. ____ cm. 50 ft. ____ cm. to 138 ft. ____ cm.

Size(s) and types of Bit(s) 11 3/4" BLADE BIT; 7 7/8" BLADE BIT

Size and Type PVC 4" SCHEDULE 40

Total Borehole Depth	138.0 ft. ____ cm.	Sampling Method(s)	NOT SAMPLED
Depth to Bedrock	112.5 ft. ____ cm.	Date/Time Start Drilling	11-4-87 / 0930
Depth to Water	— ft. ____ cm.	Date/Time Finish Drilling	11-6-87 / 0945
Water Level Determined By	—	Date/Time Start Completion	11/6/87 1006
Length Plain PVC (total)	132.8 ft. ____ cm.	Date/Time Cement Protective Casing	11-4-87 1335
Length of Screen	5.65 ft. ____ cm.	Materials Used	50' (18") STEEL CASING
Total Length of Well Casing	138.45 ft. ____ cm.	Plain PVC	132.8' RWMI
PVC Stick Up	1.72 ft. ____ cm.	Slotted PVC	5.65 SLOTTED
Depth to Bottom of Screen	136.75 ft. ____ cm.	Bentonite Pellets	1 3/5 BUCKETS
Depth to Top of Screen	131.10 ft. ____ cm.	Bentonite Granular	2 BAGS
Depth to Top of Sand	126.4 ft. ____ cm.	Cement	14 BAGS & 4 BAGS
Depth to Top of Bentonite	121 ft. ____ cm.	Sand	2 BAGS
		Water added during completion	—
		Water added during drilling	—
		Total Gallons of water added	5

Drill Site Geologist [signature] Date 11/10/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed CEMENT PAD 11/10/87, 0730 / DLW & SWH; INTERNAL MORTAR 11-10-87, 0800 / DLW

Date/Time/Personnel Casing Painted 11-10-87 / 0800 / DLW & SWH

Date/Time/Personnel Numbers Painted 2/12/88 / 1530 / DLW & KSP

Materials Used 12 BAGS CONCRETE

			COMMENTS/NOTES
Top of Protective Casing to Top of PVC	0.50 ft. ____ cm.		
Top of Protective Casing to Weep Hole	1.45 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.54 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.13 ft. ____ cm.		
Top of Protective Casing to Ground Level	2.195 ft. ____ cm.		

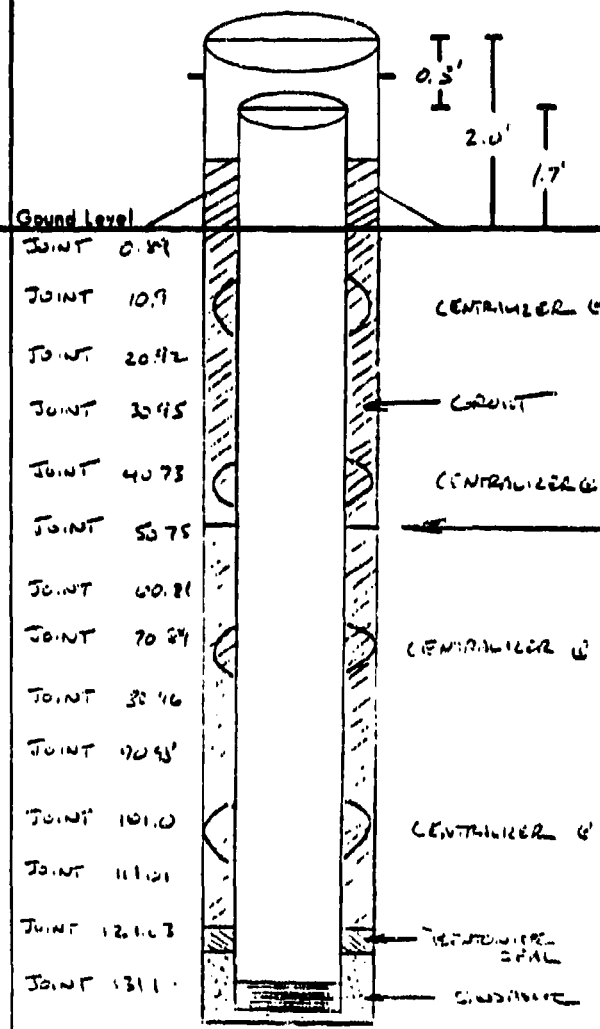
Reviewed By [signature] Date 3/[illegible]/88

Drill Site Geologist [signature] Date 12/[illegible]/87

C-107

Borehole: ~~E-56~~ SP D2 Well: 26153

Depth-Feet	Soil/Rock Type	Well Completion	Description



Drill Site Geologist: _____ Date: _____

Reviewed By: _____ Date: _____

ESE 7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-56 D2 Well 26153

Project Task 19/Sec. 26
Project Number TASK 19 44
Date(s) Developed 12/7/87
Date Installed 11/6/87
Personnel (Name/Company) Vaggar/ESE MW
Cindy Geeks/ESE CMG
Well Diameter (I.D.) 4" in.
Anulus Diameter 11 3/4 in. 0 ft. to 50 ft.
7 7/8 in. 50 ft. to 135 ft.
Rig Used Well Service Truck
Pump (Type/Capacity) Grund Fos ~~@15 gpm~~ 7GPM
Screen Interval 134.42 ft. to 136.37 ft.
Bailer (Type/Capacity) N/A
___ ft. to ___ ft.
Water Source RMA
Casing Height (Above G.L.) 1.70 ft.
Measured Well Depth TOC PVC (Initial) ~~138.50~~ ft 138.70 CMG
Bottom of Screen (Below G.L.) ___ ft.
(Final) 138.6 ft.
Water Level TOC/Date/Time (Initial) 49.51 / 12/7/87 / 1059
(after 24 hrs.) 57.11 / 12-14-87 / 1205
Feet of Water in Well 89.89 ft. x 0.653 gallons/foot = 58.04 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume CMG 134.00 67.0 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume CMG 667.0 334 gallons
Added Water 0 gallons
Total Purge Volume ___ gallons
Casing/Anulus Volume CMG 95.27 58.00 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: Beckman #015563 SN
pH 7.00 = 7.024 at 14.1 °C. pH 10.00 = 10.07 at 14.3 °C
Conductance Meter Used: YSI
Standard 1413 umhos/cm at 25°, Reading 1410 umhos/cm at 25 °C
PID Background 0.0 Readings 0.0

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0 gall	1127	15.8	10.05	2090	very silty brown/gray
	—			--	
-		-			
Final					

Remarks: ___

Collected by ___ Signature 12-17-87
Checked by ___ Signature 5/12/88

C-109

Saturated height 136.70 - 126.9 = 10.2 ft
Purge vol: 5 gal (casing vol) + 7.27 gal (saturated vol) = 12.27 gal

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EPSG 2R2 Well 26153

Project RMA GW Project
Project Number T-[illegible]44
Date(s) Developed 12-15-87
Date Installed 11/6/87
Personnel (Name/Company) WTV / ESE
LFWL / ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 11 3/4 in. 0 ft. to 50 ft.
7 7/8 in. 50 ft. to 138 ft.
Rig Used Mobil Service-Truck
Screen Interval 131.10 ft. to 136.75 ft.
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.25" \ 1.5'
ft. to ft.
Water Source Onsite
Casing Height (Above G.L.) 1.70 ft.
Measured Well Depth TOC (Initial) 135.7 ft.
(Final) 138.6 ft.
Bottom of Screen (Below G.L.) 136.75 ft.
Water Level TOC/Date/Time (Initial) 79.31 / 12/7/87 / 1035
(after 24 hrs.) 83.11 / 12-14-87 / 1205
Feet of Water in Well 55.89 ft. x .653 gallons/foot = 36.50 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water A gallons
Casing/Anulus Volume 36.50 gallons
One Purge Volume [illegible] gallons
Minimum Purge Volume 300 gallons
Total Purge Volume gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILING

Calibration: pH Meter Used: [illegible] SN 015553
pH 7.00 = 7.11 at 21.5 °C, pH 10.00 = 10.3 at 21.5 °C
Conductance Meter Used: YSI Model # 32
Standard 1413 umhos/cm at 25°, Reading 2454 umhos/cm at 21.1 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial	0939	10.5	11.73	3110	Cloudy, [illegible] of sediment
40	1016	11.0	11.62	3010	"
50	1054	11.5	11.04	3030	"
60	1133	11.0	10.82	3020	"
70	1206	11.2	10.54	3010	"
80	1241	11.3	10.25	3010	"
90	1310	11.5	7.90	3050	Dark gray [illegible] silt

Remarks: [illegible] WATER

Collected by Walt Vassen 12-15-87
Signature Date
Checked by [illegible] 3-17-88
Signature

ESE 7035 SOUTH ALTON WAY • SUITE A-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-56 D2 Well 26153

Project RMA Interim
Date(s) Developed 02/02/88
Personnel (Name/Company) TCW/ESE
TDM/ESE
Rig Used ESE well service truck
Pump (Type/Capacity) Grundfos/7GPM
Bailer (Type/Capacity) N/A
Water Source RMA

Project Number THCK #44
Date Installed 11/06/87
Well Diameter (I.D.) 4 in.
Anulus Diameter 11 3/4 in. 0 ft. to 30 ft.
7 7/8 in. 50 ft. to 138 ft.
Screen Interval 121.10 ft. to 136.75 ft.
ft. to ft.
Casing Height (Above G.L.) 1.7 ft.
Bottom of Screen (Below G.L.) 136.75 ft.

Measured Well Depth TOC (Initial) 138.7 ft.
(Final) 138.6 ft.
Water Level TOC/Date/Time (Initial) 49.81 / 12-7-87 / 1054
(after 24 hrs.) 83.11 / 3-14-88 / 1205
Feet of Water in Well 88.85 ft. x 0.653 gallons/foot = 58.04 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 58.04 gallons

One Purge Volume 67 gallons
Minimum Purge Volume 335 gallons
Total Purge Volume gallons
Volume Measured By 55 gallon barrel
Surge Technique Bail / Grundfos pump.

Calibration: pH Meter Used: BECKMAN 04 SN: 1X5895
pH 7.00 = 7.10 at 21.1 °C. pH 10.00 = 10.28 at 21 °C
Conductance Meter Used: YSI MODEL 33 SN: 2603 ESE #2
Standard 1413 umhos/cm at 25°, Reading 1415 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 95	1323	11.6	8.73	3100	cloudy w/ some silt.
125	1338	11.9	8.06	3110	cloudy w/ some silt.
140	1419	7.1	8.64	3130	cloudy w/ some silt
Final					clear

Remarks: Developed in 45 gallons
Water level = 49.43
Initial pump rate = 2 GPM, 0.35 GPM @ 40 gallons
Final TOC = 0.0 ppm.
Pump @ 140 gallons.
Sand pack: 136.75 Bot. of screen
126.40 Top of sand
10.35 ft. x .352 gal/ft = 3.64 gal.

* Purge vol: 58.04 casing vol.
+ 5.12 sand pack vol.
63.16 ≈ 65 gal.

Collected by [signature] 02/02/88
Checked by [signature]
Signature

C-111

Water level number three 100' [illegible]

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EPSC D2 Well 26153

Project RMA ONPOST IRP 44 Project Number 86956 · TASK 19

Date(s) Developed 02/12/88 Date Installed 11/06/87

Personnel (Name/Company) WEST/PELLMAN: ESE Well Diameter (I.D.) 4" PVC in.

Anulus Diameter 11 3/4 in. 0 ft. to 50 ft.
7 7/8 in. 50 ft. to 138 ft.

Rig Used ESE WELL SERVICE TRUCK Screen Interval 131.10 ft. to 136.75 ft.

Pump (Type/Capacity) GEOTECH / BLADDER PUMP — ft. to — ft.

Bailer (Type/Capacity) N/A Casing Height (Above G.L.) 1.7 ft

Water Source RMA Bottom of Screen (Below G.L.) 136.75 ft

Measured Well Depth TOC (Initial) 138.7 ft.
(Final) 138.6 ft.

Water Level TOC/Date/Time (Initial) 49.81 / 12-7-87 / 1054
(after 24 hrs.) 83.11 / 3-14-88 / 1705

Feet of Water in Well 88.85 ft. x 0.1653 gallons/foot = 58.04 gallons casing/anulus volume

Drilling Fluid Lost N.A gallons One Purge Volume 67 gallons

Purge Water Lost N.A gallons Minimum Purge Volume 235 gallons

Added Water 0 gallons Total Purge Volume 55 gallon barrel gallons

Casing/Anulus Volume 58.04 gallons Volume Measured By —

Surge Technique SURGE, LOWER PUMP

Calibration: pH Meter Used: BECKMAN Ø21 SN: 015883

pH 7.00 = 7.04 at 13.3 °C, pH 10.00 = 10.14 at 13.3 °C

Conductance Meter Used: YSI MODEL 32 SN: 2603

Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 140 gal	1405 →	13.4	8.77	3190	CLOUDY GREY W/ SOME V.F SAND SUSPENDED SILT
156 gal		13.4	8.63	3200	TRANSLUCENT GREY W/ SILT, SOME V.F SAND
160	1448	13.2	8.45	3220	ALMOST CLEAR SOME FINE SAND
170	1511	13.0	8.43	3230	CLEAR COLORLESS NO SAND
180	1536	13.3	8.50	3200	COLORLESS SL. CLOUDY SOME FINE SAND
~~purge~~ 195	16:13	12.8	8.48	3190	CLEAR, COLORLESS

Remarks: TOC: 58.45 = Water level (TOC) Pumped dry in 55 gallons
Pump rate w/ Geotech = 0.34 GPM @ 15 gallons. Pump vent connected @ MP

* Purge vol: 58.04 casing vol
+ 7.82 sand pack vol.
65.86 ⇒ 67 gallons.

Collected by [signature] 3/12/88

Checked by [signature]

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7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EB-56D2 Well 26153

Project ZMA UN-POST Project Number TASK 19

Date(s) Developed 3/4/88 Date Installed 11/04/87

Personnel (Name/Company) DW/ESE Well Diameter (I.D.) 4 in

RR/ESE Anulus Diameter 11 3/4 in. 0 ft. to 50 ft

Rig Used ESE well service truck 7 7/8 in. 50 ft. to 138 ft

Pump (Type/Capacity) GRUNDFOS/ 50PM Screen Interval 101.10 ft. to 136.75 ft

Bailer (Type/Capacity) N/A ft. to ft

Water Source WELL Casing Height (Above G.L.) 1.7 ft

Measured Well Depth TOC (Initial) 138.7 ft. Bottom of Screen (Below G.L.) 136.75 ft.

(Final) 138.6 ft.

Water Level TOC/Date/Time (Initial) 49.81 / 12-7-87 / 1054

(after 24 hrs.) 83.11 / 3-14-88 / 1205

Feet of Water in Well 88.89 ft. x .653 gallons/foot = 58.04 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 67 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 335 gallons

Added Water 0 gallons Total Purge Volume gallons

Casing/Anulus Volume 58.04 gallons Volume Measured By 55 GALLON DRUM

Surge Technique PUMP (UNDER PUMP)

Calibration: pH Meter Used: ~~[illegible]~~ DW / ORION SA 290 SN 1004

pH 7.00 = ~~7.00~~ 7.00 at ~~[illegible]~~ 11.2 °C. pH 10.00 = ~~10.00~~ 10.00 at ~~[illegible]~~ 12.0 °C

Conductance Meter Used: YSI MODEL 32 SN 81003

Standard 1413 umhos/cm at 25°. Reading 1411 umhos/cm at 25

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, odor)
Initial 198	0913	12.5	8.49	3250	cloudy w/ grey silts
(15) 213	0924	12.5	8.49	3240	slightly cloudy
(30) 228	0935	12.3	8.34	3220	clear
(45) 243	0944	12.6	8.03	3210	cloudy w/ grey silt
256	0954	11.2	8.71	3230	cloudy w/ grey silt
Final 257	1004	8.6	8.63	3220	partly cloudy w/ grey silts

Well developed in 55 gallons in/during 1 hr 10 minutes

Remarks: Water level = 52.07 with Grundfos 50SQE/1007 Pump on/ Tip capacity = 0.5 gpm (avg) 10 hr Pump test on well 17 minutes into test. Drawdown on well = 0.45 ft. Pump rate = 0.5 gpm

1 Purge vol. Stick (Empty vol.)
+ 3.32 (Sand/rock vol.)
66.72 ⇒ 67 gallons

Collected by [signature] 3/14/88

Checked by [signature]

WELL DEVELOPMENT DATA

Bore EP 5602 Well 26/33

Project RMA on-Post Project Number Task 4-44

Date(s) Developed 3-9-88 Date Installed 11-6-88

Personnel (Name/Company) RR/ESE BW/ESE Well Diameter (I.D.) 4 in.

Anulus Diameter 11 3/4 in. 0 ft. to 50 ft.

2 7/8 in. 50 ft. to 138 ft.

Rig Used ESE Well Service Truck Screen Interval 131.10 ft. to 136.75 ft.

Pump (Type/Capacity) Grundfos 5 GPM ___ ft. to ___ ft.

Bailer (Type/Capacity) N/A Casing Height (Above G.L.) 1.7 ft.

Water Source RMA Bottom of Screen (Below G.L.) 136.75 ft.

Measured Well Depth TOC (Initial) 138.2 ft.

(Final) 138.6 ft.

Water Level TOC/Date/Time (Initial) 49.81 / 12-7-87 / 1054

(after 24 hrs.) 83.11 / 12-14-88 / 1205

Feet of Water in Well 88.89 ft. x 6.53 gallons/foot = 58 04 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons * One Purge Volume 67 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 335 gallons

Added Water 0 gallons Total Purge Volume 287 gallons

Casing/Anulus Volume 58 04 gallons Volume Measured By 55 Gallon Drum

Surge Technique Surge/Lower pump

Calibration: pH Meter Used: Beckman ϕ 31 pH Meter

pH 7.00 = 7.02 at 19.5 °C, pH 10.00 = 10.08 at 19.3 °C

Conductance Meter Used: YSI Model 32 S/N 2603

Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 19.2 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 287	1305	15.5	8.93	3260	Cloudy, Grey w/ Silt + Fine [illegible]
(15) 272	1317	15.5	8.50	3300	Cloudy, Grey w/ Fine Sand
(34) Final 287	1333	15.6	8.53	3300	Cloudy, Grey w/ Fine Sand
Final					(40)

Remarks: [illegible]

Collected by [illegible] Signature

Checked by [illegible] Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP-62 Well 34011

Project Name and Location RMA Section 24 M.W. Installation Project Number T44

Drilling Company Boyle Bros. Driller B. Roach Rig Number Failing 500

Drilling Method(s) continuous core

Size(s) and type(s) of bit(s) 3⅜" tri cone, 12¼" Auger

Borehole Diameter 12¼" in. ____ cm. 0 ft. ____ cm. to 61.25 ft. ____ cm.

3⅜ 3⅞ 5⅝ in. ____ cm. 61.25 ft. ____ cm. to 150.0 ft. ____ cm.

Sampling Methods core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 8

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 8/18/87 1257

Date/Time Completed Drilling 8/19/87 0720

Total Borehold Depth 150 ft. ____ cm.

Depth to Bedrock 60.5 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 8/19/87 0905

Depth of Tremmie Pipe 145

Gallons of Grout 130 gal

Materials Used 9 bags of cement, 90 gal H_2O, 1 bucket bentonite

Comments grouted to ground surface

Wellsite Geologist Steve Point Date 9/16/87

Checked for Grout Settlement on 9/16/87 by Steve Point

Amount of Grout Added none needed

All Measuremen's from Ground Level

Reviewed by [signature] Date 3/15/90

Drill Site Geologist [signature] Date 3/8/88

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ENGLEWOOD, COLORADO 80112 • 303/741-0626

SHEET 1 OF 6

Borehole: EP-62 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1 0-2.0'	1.9/2.0			SM	Silty sand, 30% silt, fine-to-medium grained sand, 10YR 5/3 brown, dry, loose to medium dense, non plastic
2					SC	clayey Sand, 35% clay, fine to coarse grained sand, 10YR 3/3, dark brown, dry, med dense, low plastic
3	2 2.0'-4.0'	1.9/2.0			SM	Silty Sand, 20% silt, fine to coarse grained sand, 10YR 5/4 yellowish brown, medium dense, dry, non plastic
4						
5	3 4.0'-6.0'	2.0/2.0	SAME AS TUBE number	SAME AS TUBE interval	SC	clayey sand, 40% clay, fine to coarse grained sand, 10YR 5/4 yellowish brown, medium dense dry, low plastic, calcareous
6						~~SC clayey~~ clay content increase to approx 50%
7	4 6.0'-8.0'	1.95/2.0			SM	Silty Sand, 20% silt, fine to coarse grained sand, 10YR 5/4 yellowish brown, dense, dry, non plastic, very calcareous
8						
9	5 8.0'-10.0'	1.9/2.0				
10						

Drill Site Geologist: Angelo Ortelli Reynolds Titus Date: 5/21/87

Reviewed By: Date:

C-117

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-62 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	6 10.0'-12.0'	1.95/2.0	same as tube number	same as tube interval	ML	Silt, 20% fine grained sand, 10YR 7/3, very pale brown, dense, dry, low plastic
12					SM	Silty sand, 15% silt, 10YR 5/4, yellowish brown, dense, dry to moist, non plastic, calcareous
13	7 12.0'-14.0'	1.4/2.0			SC	Clayey sand, 35% clay, fine to coarse grained sand, 10YR 5/6, yellowish brown, dense, sl. moist, low plastic, calcareous
14						
15	8 14.0'-16.0'	1.5/2.0				
16						
17	9 16.0'-18.0'	1.9/2.0				
18						
19	10 18.0'-20.0'	1.9/2.0			SM	Silty sand, 15% silt, fine to coarse grained sand, 10YR 6/4 light yellowish brown, dense, light moist, non plastic, calcareous
20						

Drill Site Geologist: Angelo Ortelli Signature: 9/21/82

Reviewed By: Date:

C-118

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-62 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	11 20.0'-22.0'	2.0/2.0	Same as tube number	Same as tube interval	SM	Silty Sand (see pg 2)
22						
23	12 22.0'-24.0'	2.0/2.0				
24						
25	13 24.0'-26.0'	2.0/2.0				
26						
27	14 26.0'-28.0'	2.0/2.0			SC	Clayey sand, 40% clay, fine to v. coarse grained sand, 10YR 5/4 yellowish brown, moist, dense, low plastic, calcareous
28						- sand increases to 75%
29	15 28.0'-30.0'	2.0/2.0				
30						

Drill Site Geologist: Angelo Orlelli logged in Stan Part Date: 3/21/87

Reviewed By: Date:

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ESE 7339 SOUTH ALTON WAY • SUITE H-1 ENGLEWOOD, COLORADO 80112 • 303/741-0888

SHEET ___ OF ___

Borehole: EP-62 Well Number: ___

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
30					CL	Clay, 30% sand, coarse grained, 10YR 5/4, yellowish brown, moist, stiff, very calcareous
31	16 30.0'-32.0'	1.9/2.0		Same as tube interval		
32					SC	Clayey SAND, 30% clay, fine to v. coarse sand, 10YR 5/4, yellowish brown moist, med. dense, low plastic
33	17 32.0'-34.0'	1.9/2.0			SM	Silty SAND 15% silt, 10YR 6/6, brownish yellow, light moist, medium dense, non plastic
34						
35	18 34.0'-36.0'	1.1/2.0			SP	Poorly Graded SAND, fine to v. coarse grained 10YR 6/4 light yellowish brown, light moist, medium dense, non plastic
36						- grains increase in size to include small gravels
37	19 36.0'-38.0'	2.0/2.0			SC	Clayey SAND, 30% Clay, 10YR 5/4 yellowish brown moist, medium dense, low plastic, fine to coarse grained sand
38						
39	20 38.0'-40.0'	2.0/2.0			SM	Silty SAND, 20% silt, fine to coarse grained sand, occ. v. coarse sand and small gravels, 10YR 5/4 yellowish brown, moist, med. dense, non plastic
40						

Drill Site Geologist: Angelo Ortelli logged by [illegible] Date: 8/21/87

Reviewed By: ___ Date: ___

C-120

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-67 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
41	21 40.0 - 42.0'	2.0/2.0	same as tube number	same as tube interval	SM	Silty sand (see pg. 4)
42					CL	Clay, 20% silt, 10% sand, fine to coarse grained sand, 10YR 4/4 dark yellowish brown, moist, dense, medium plastic
43	22 42.0' - 44.0'	1.2/2.0			SM	Silty sand, 35% silt, fine to medium grained sand, 10YR 5/4, yellowish brown, moist, dense, low plastic
44						
45	23 44.0' - 46.0'	1.9/2.0				
46						
47	24 46.0' - 48.0'	1.7/2.0				CLAY SP, fine to coarse sands, fine to medium gravels
48						
49	25 48.0' - 50.0'	0.5/2.0			GP	Poorly graded gravel, ~~fine~~ to coarse grained gravel accordined cobble, 35% sand, fine to coarse grained sand, dense, moist
50						

Drill Site Geologist: Angelo Orletti Date:

Reviewed By: Date:

C-121

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7352 SOUTH ALTON WAY • SUITE H-1
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Borehole: EP-62 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
					GP	Gravel (see pg 5)
51	26 50.0'-52.0'	2.0/2.0			CL	Clay, 40% sand, 5% gravel, fine to coarse grained sand, fine gravels, 10YR 5/3 brown, stiff, moist, medium plastic.
52	27 52.0'-53.0'	1.0/1.0				
53	28 53.0'-54.0'	1.0/1.0			SM	Silty Sand, 40% silt, fine to coarse grained sand 10YR 5/3 brown, dense, moist, medium plasti
54						
55	29 54.0'-56.0'	1.9/2.0				54.5 silt decreases to 15%, nonplastic, sand grain size decreases to fine to medium grained, 5% mica
56						
57	30 56.0'-57.0'	1.0/2.0			GP	Poorly Graded gravels, fine gravels, 30% sand, fine to very coarse grained sand, 10YR 4/1, dark grey, moist, dense
58						
59	31 57.0'-60.0'	0				- gravel size increase to coarse
60						- cobbles on top of bedrock
61	32 60.0'-61.25'	0.25/1.25				Claystone bedrock, 5Y 5/2 olive grey TOTAL Depth 61.35'

Same As tube Above

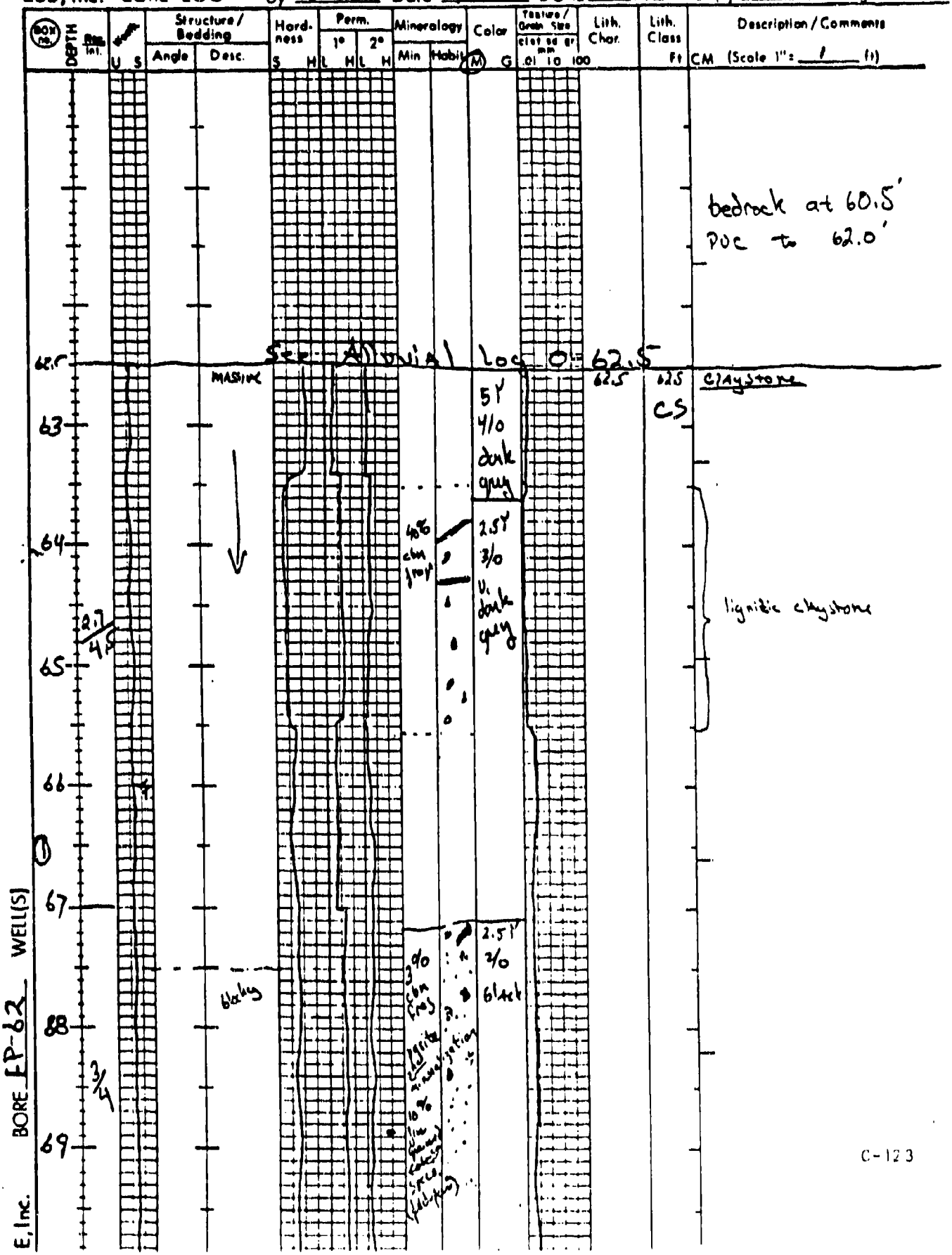
Same As tube interval

Drill Site Geologist: Angelo Ortelli logged by Author Date: 8/21/87

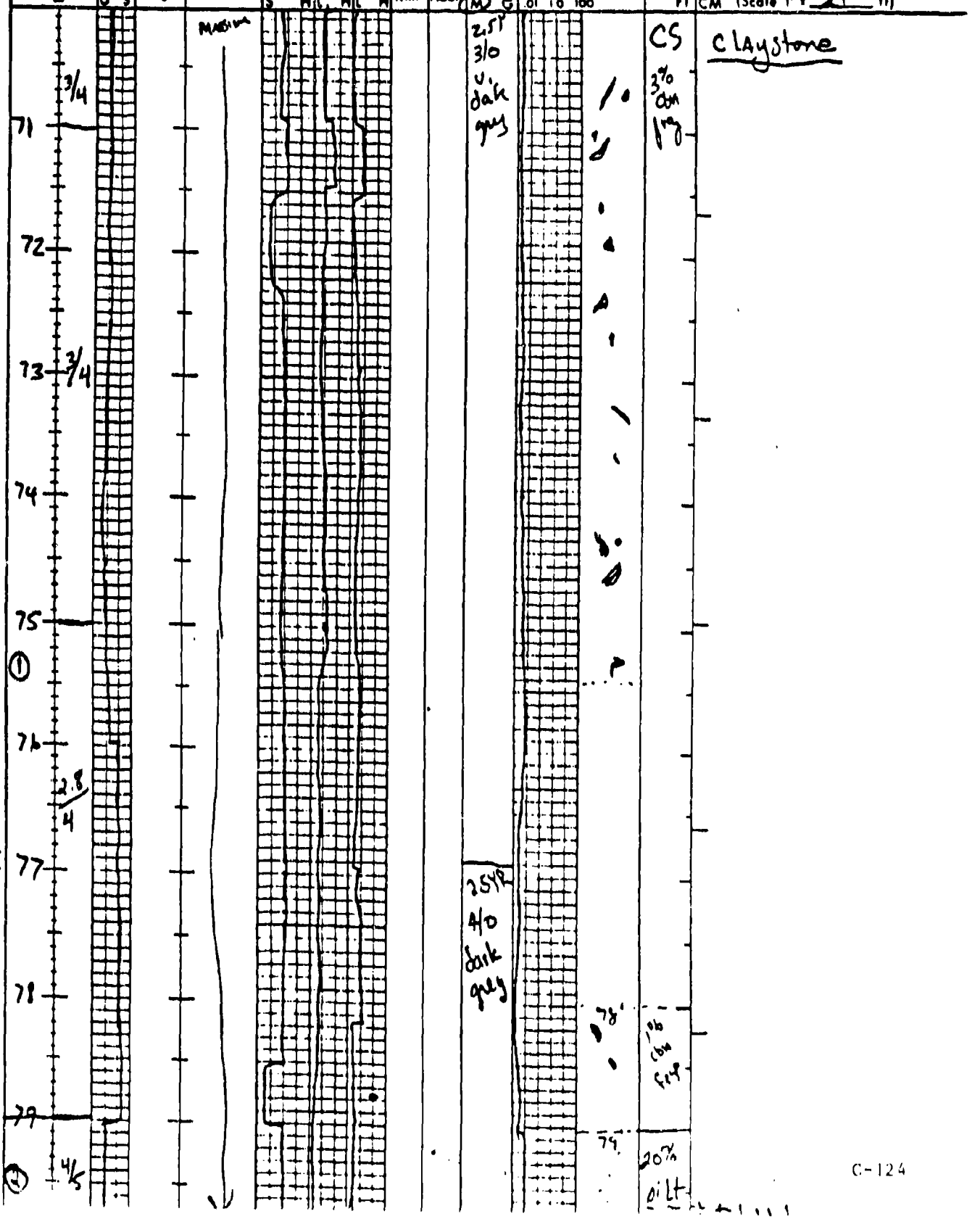
Reviewed By: Date:

C-122

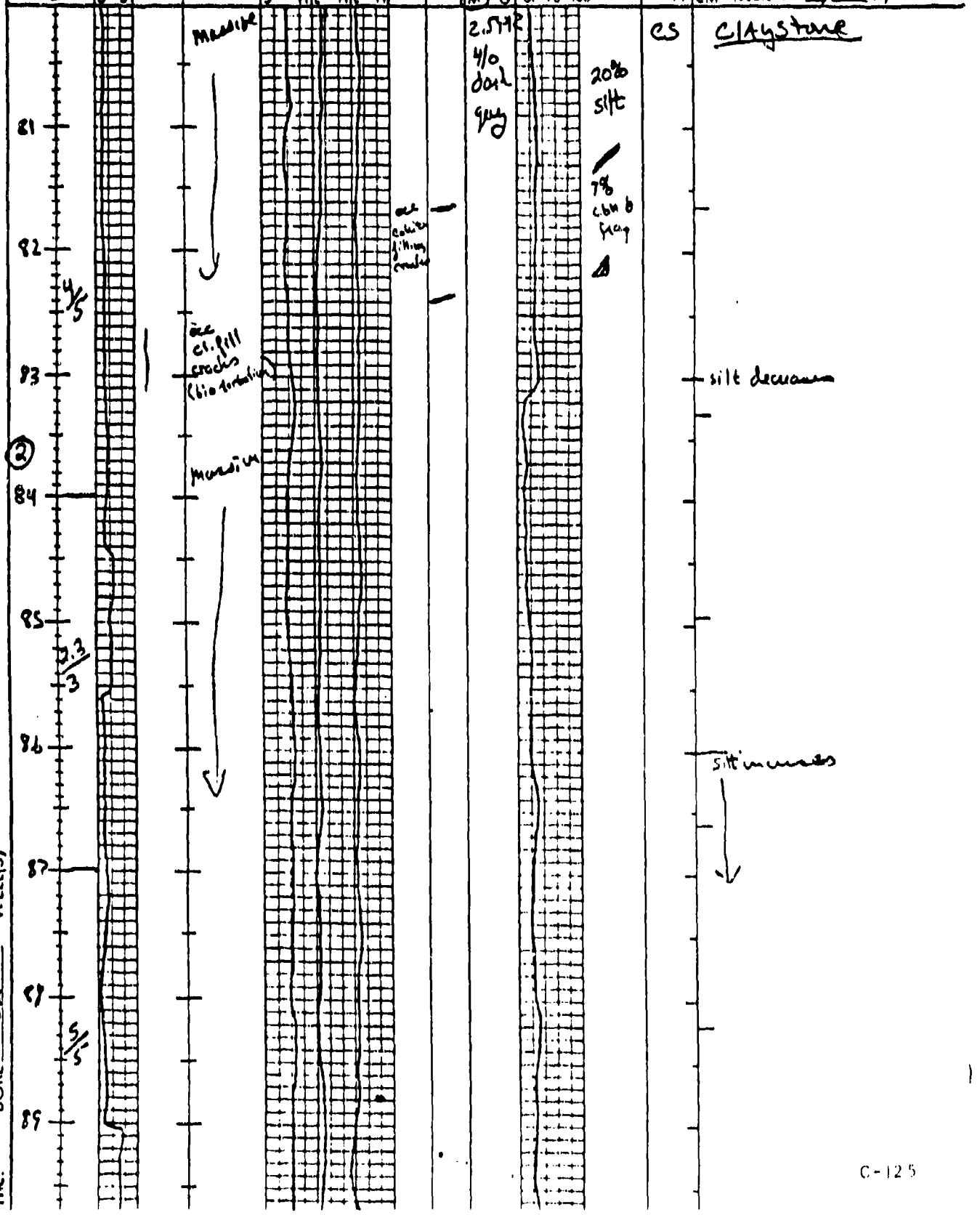
ESE, Inc. CORE LOG By SF Date 8/1/01 BORE EP-62 Well(s) _____ Page 1 of 1



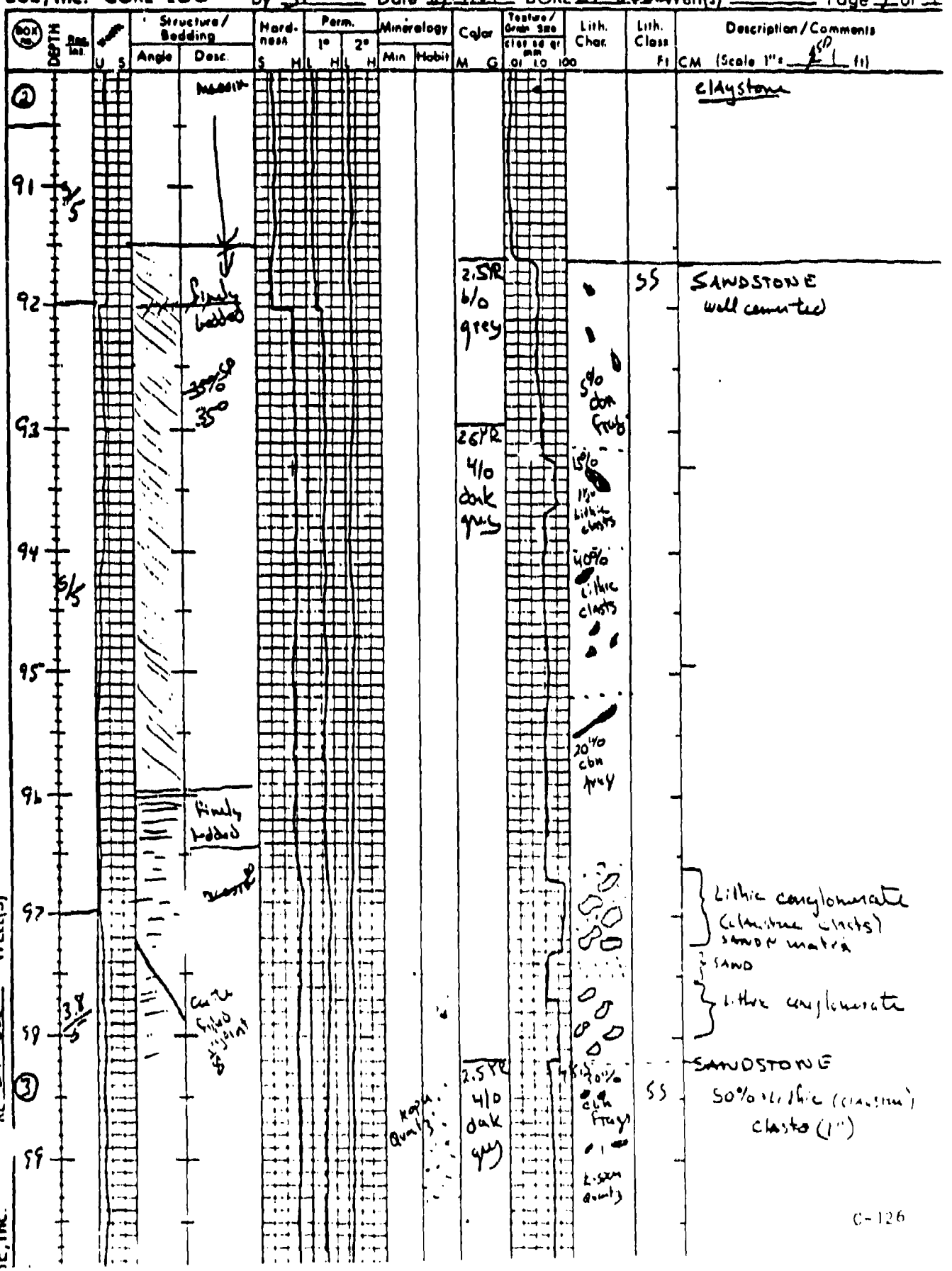
ESE, Inc. CORE LOG By SP Date 8/19/87 BORE EP-62 Well(s) _____ Page 2 of 9



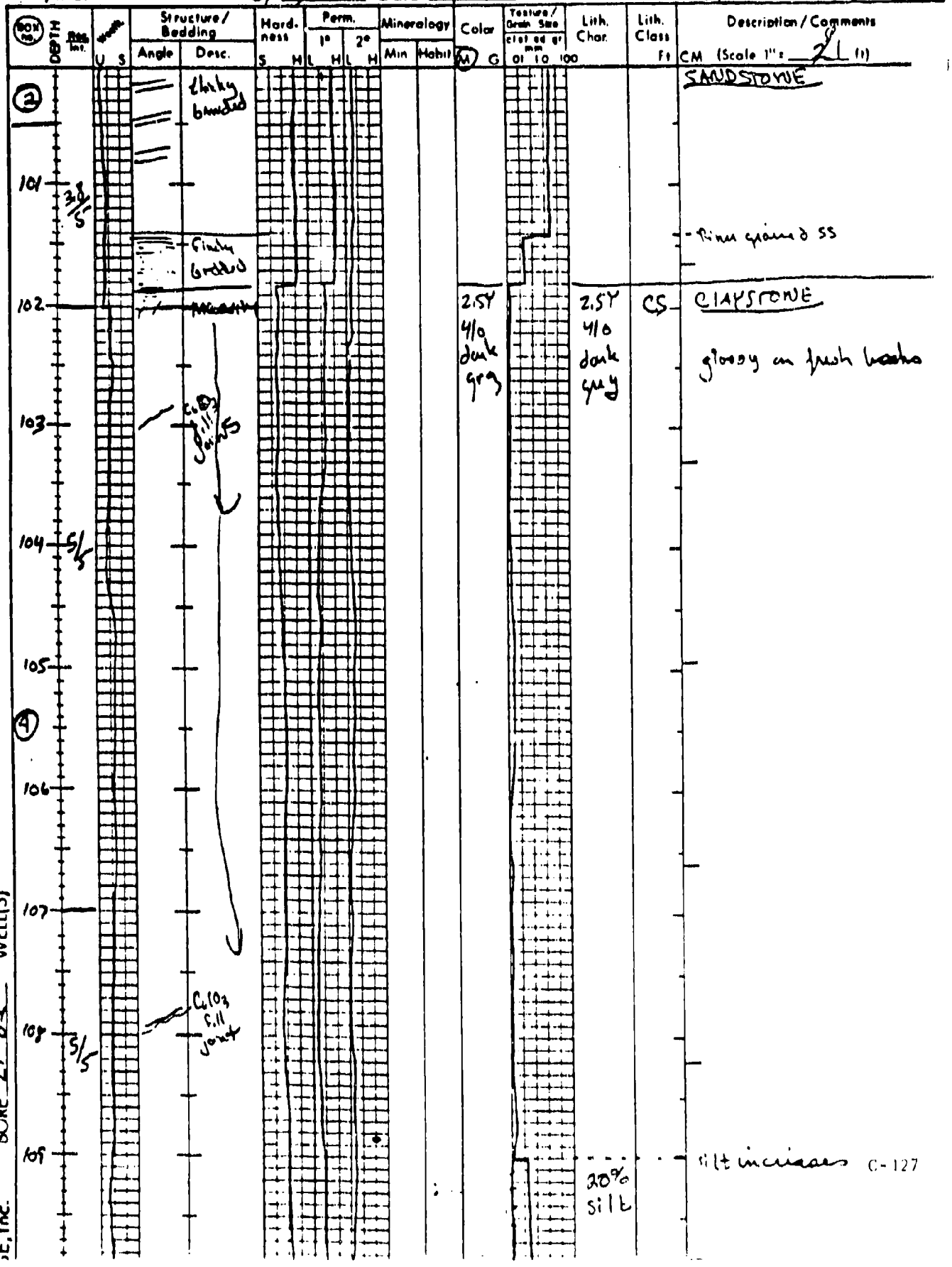
ESE, Inc. CORE LOG By SP Date 8/19/87 BORE EP-62 Well(s) _____ Page 3 of 3



C-125

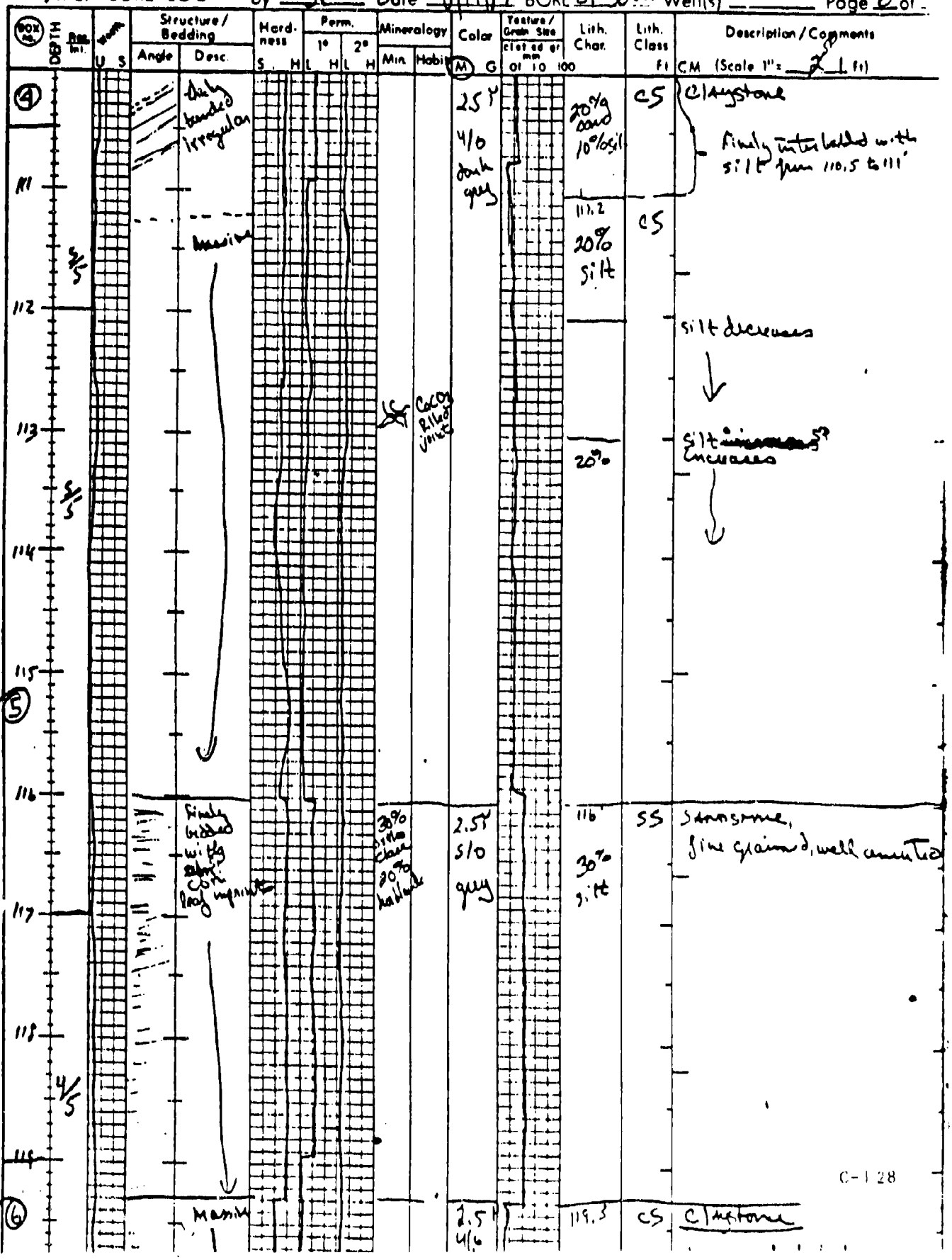

Box No.
DEPTH
Rec Int.
C S
Structure/ Bedding
Angle
Desc.
Hardness S M L
Perm. 1° H L 2° H L
Mineralogy Min Habit
Color M G
Texture/ Grain Size clay silt sd gr mm .01 .10 100
Lith. Char.
Lith. Class Ft
Description/Comments CM (Scale 1" = 5ft)
claystone
massive
finely bedded
35% 35°
finely bedded
cm-scale cyclic fining upward
91
92
93
94
95
96
97
98
99
2.5R 6/0 grey
2.5YR 4/0 dark grey
2.5YR 4/0 dark grey
5% clay fmds
15%
1% lithic clasts
40% lithic clasts
20% clay fmds
10% clay fmds
1-2cm diam
SS
SANDSTONE well cemented
Lithic conglomerate (siltstone clasts) sandy matrix
SAND
Lithic conglomerate
SANDSTONE
SS
50% siltstone clasts (1")
RE EP-62 WELL(S)
E, Inc.
C-126

ESE, Inc. CORE LOG By SJ Date 8/11 BORE EP-62 Well(s) Page 2 of 4



ESE, Inc. BORE EP-62 WELL(S)

ESE, Inc. CORE LOG By SK Date 9/19/11 BORE EP-66 Well(s) _____ Page 6 of _____



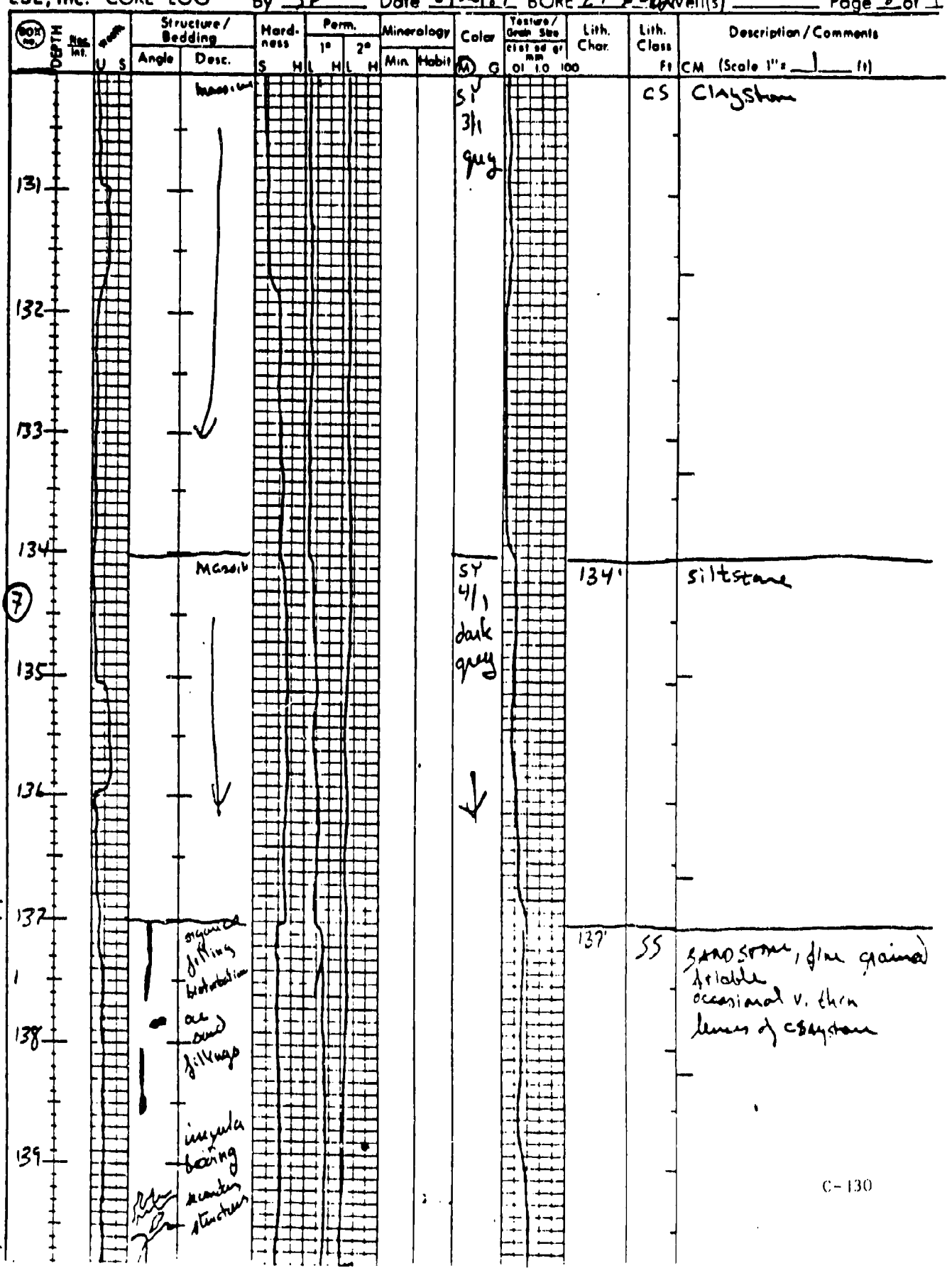
ESE, Inc. CORE LOG By SP Date 8/20/17 BORE EP-62 Well(s) _____ Page 7 of 9

Box no.	Depth	Rec. Int.	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness S	Hardness H	Perm. 1° L	Perm. 1° H	Perm. 2° L	Perm. 2° H	Mineralogy: Min.	Mineralogy: Habit	Color M	Color G	Texture/Grain Size (clay sd gr mm)	Lith. Char.	Lith. Class	Description/Comments (CM Scale 1" = 1 ft)
	121			massive									5Y 3/1 very dark gray					claystone
	122																	
	123																	
	124																	
6				thin banded							30% carbonate 70% mudstone		2.5Y 3/0 very dark gray			124' 3% clay fines	SS	SANDSTONE, fine grained
	125			massive														coarse grained w/ lithic clasts
	126			massive									5Y 3/1 gray			5% silt	CS	claystone
	127																	
	128																	
	129																	

E, Inc. BORE EP-62 WELL(S)

C-129

ESE, Inc. CORE LOG By SP Date 8/26/87 BORE EP-62 Well(s) _____ Page 8 of 1



E, Inc. BORE EP-62 WELL(S) 1

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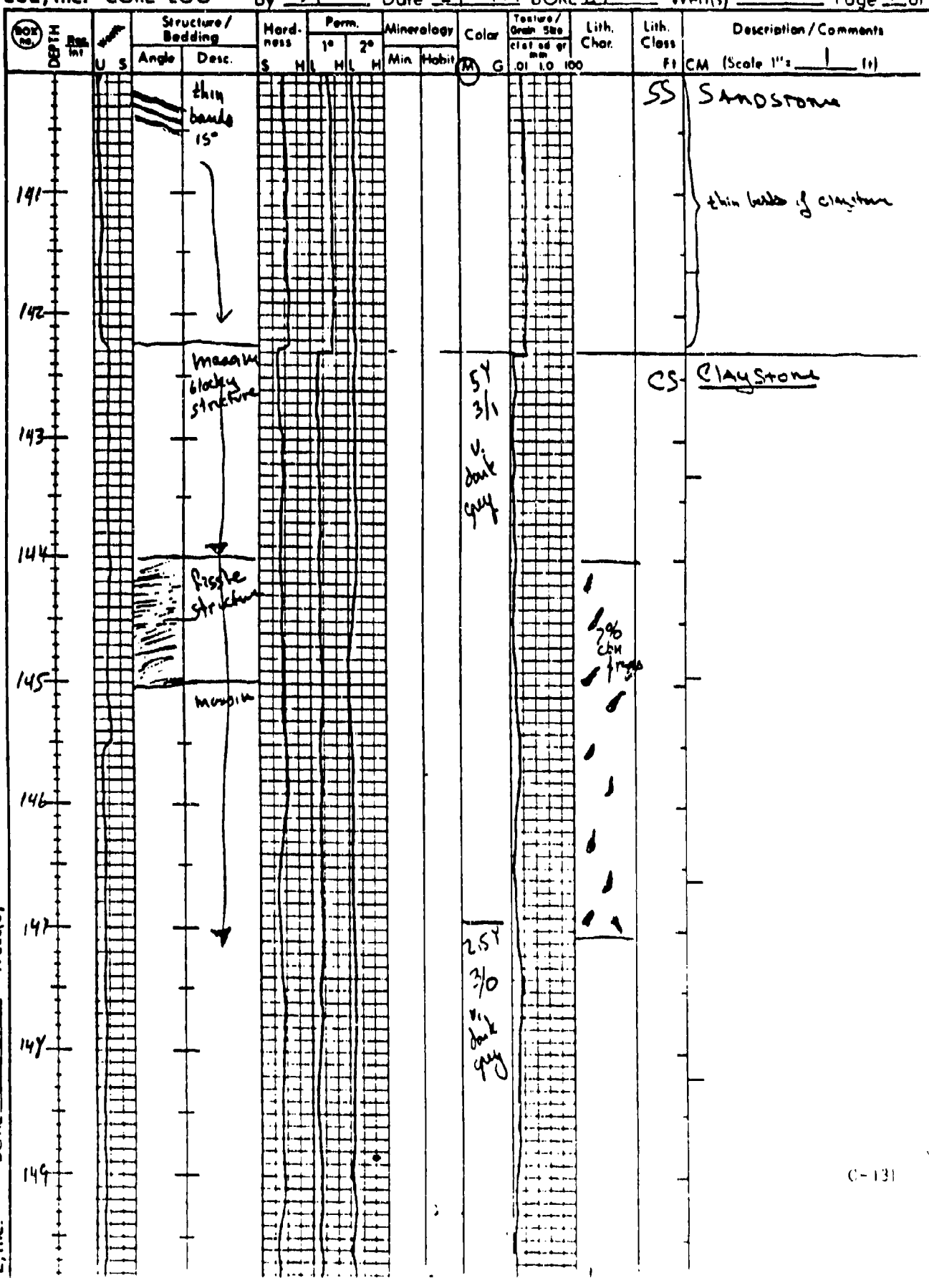
ESE, Inc. CORE LOG By SP Date 8/20/97 BORE EP-62 SP Well(s) _____ Page 7 of 9



BORE EP-62 WELL(S)

E, Inc.

C-131

Frontier Logging
Lakewood, Colorado

Date: AUG. 20, 1987

County: ADAMS COUNTY
State: COLORADO
Field: RMA
Well: EP-62
Survey: ESE

Driller Depth: 150 FT
Bit Size: 3 7/8"
Casing Size: 62 FT
Mud or Fluid: water + native mud
Density / Viscosity:
Rm @ Meas. Temp:
Log Measured From: Ground Level
Drilling Measured From: Ground Level

Time Started: 0735
Time Finished: 0805
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood

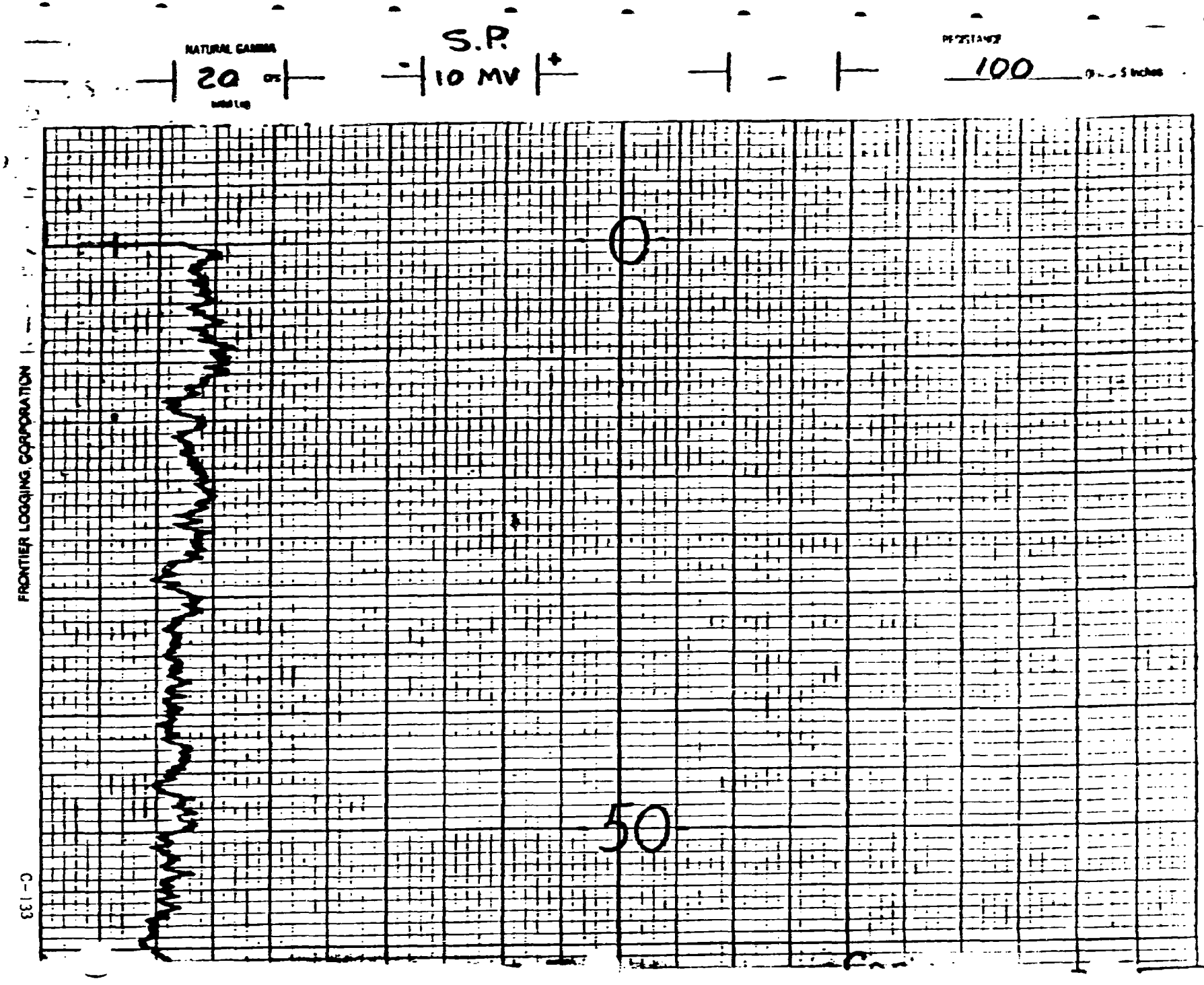
T.D. Logged: 145 FT
Natural Gamma: 200 Scale = 20 CPS per inch
Time Constant: 2
Logging Speed: 15 FPM
Cable Serial No.:
Probe No.: 103-1421
Probe Diameter: 1 5/8"
Source Type: xtal 3/4 x 1"
K Factor: 2.38 x 10⁻⁶
Dead Time: 7
Water Factor: 1.10
Casing Size: 3 7/8"
Casing Factor:
Resistance: 100 ohms/5"
S.P.: 10 MV/Inch

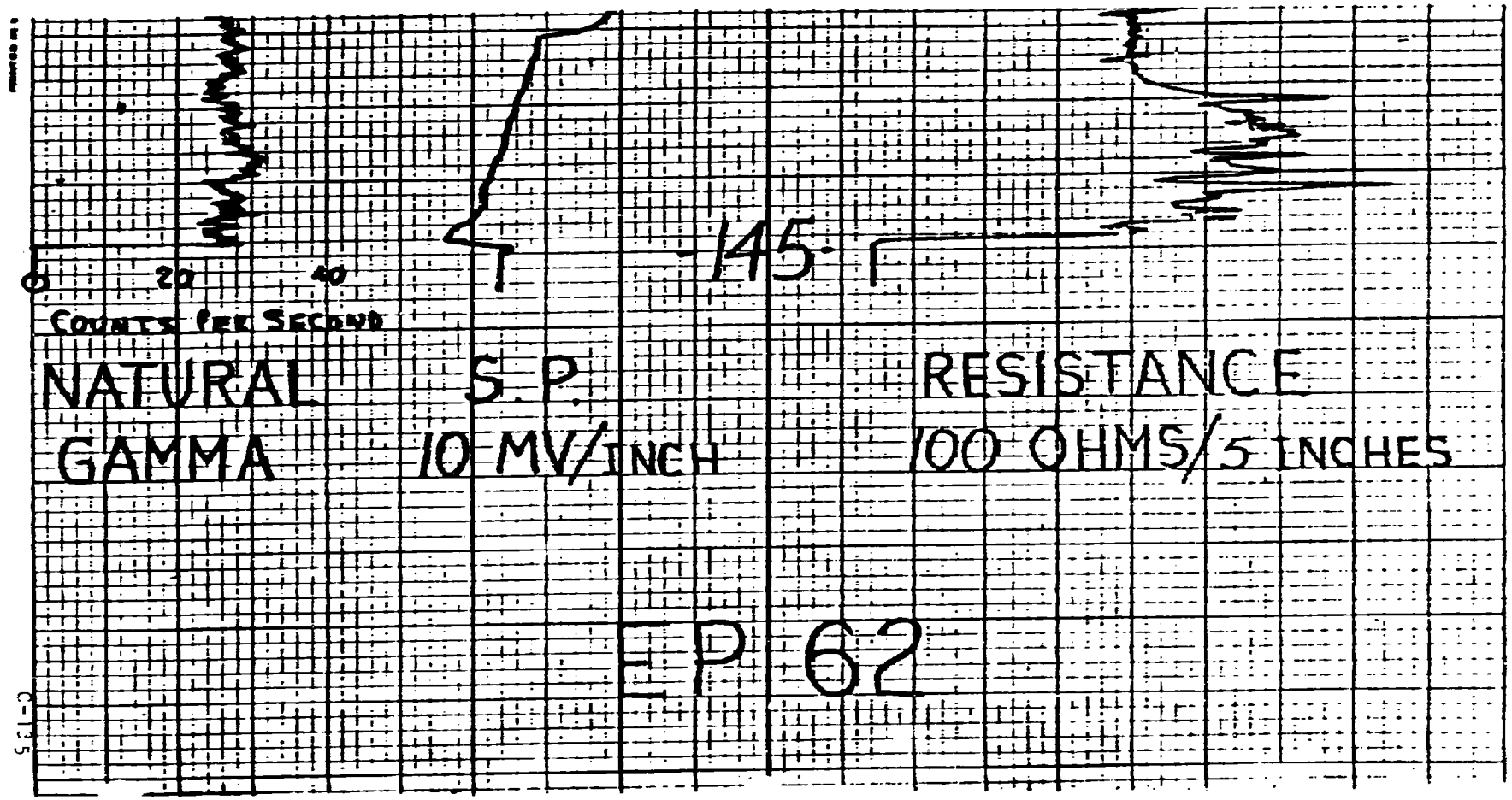
Scale: / Offset:
T.C.: / Logging Speed:
From: To:
Total:

Gamma (Analog):
Gamma (Digital):
Caliper:
Temperature:
Deviation:
Azimuth:
True Vertical: / Survey Depth:

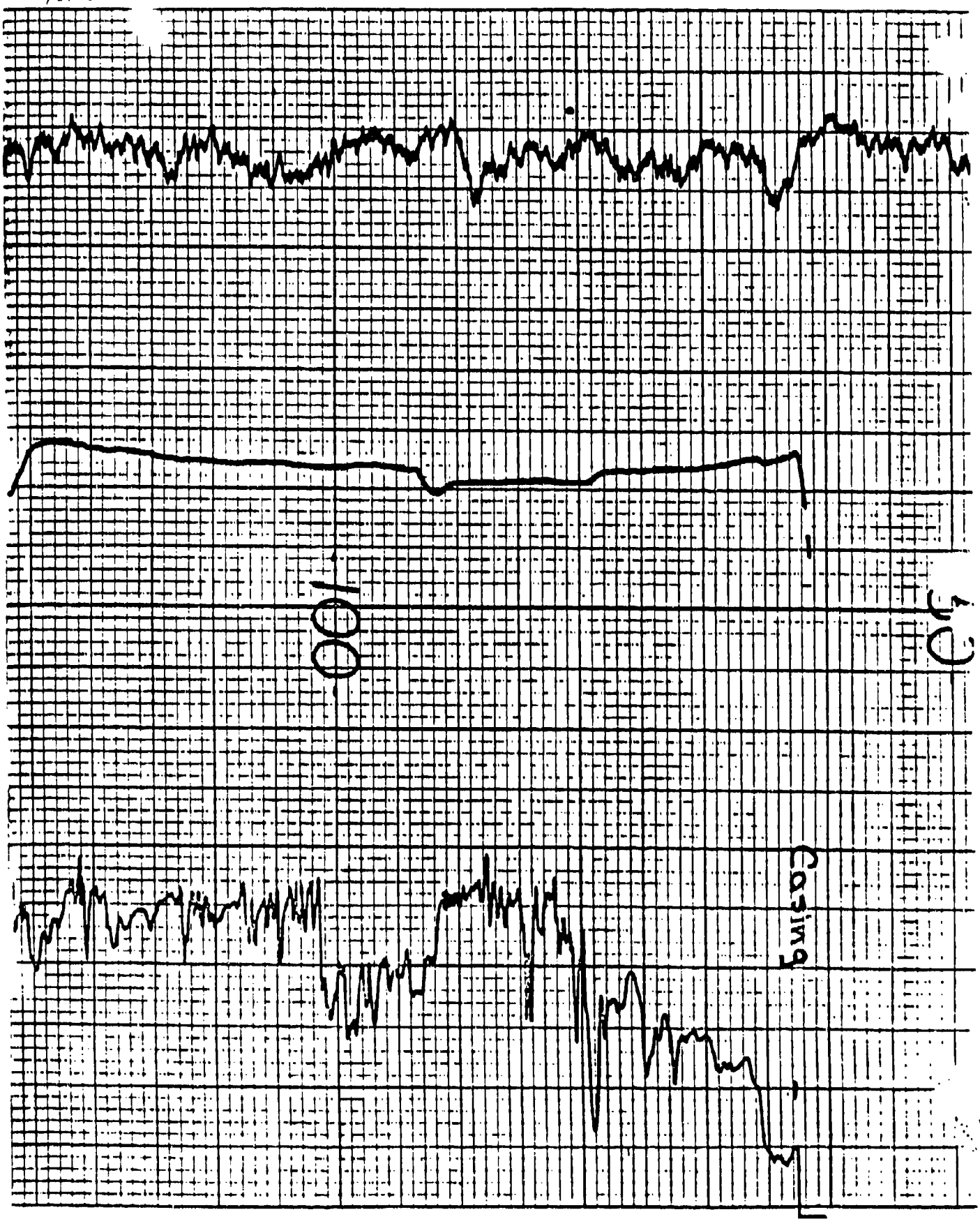
Density Source No.:
Type: / Serial No.:
Neutron Source No.:
Type: / Serial No.:

C-132


NATURAL GAMMA
20
S.P.
10 MV
100
0
50
FRONTIER LOGGING CORPORATION
C-133


0
20
40
COUNTS PER SECOND
NATURAL
GAMMA
T
145°F
S.P.
10 MV/INCH
RESISTANCE
100 OHMS/5 INCHES
E P 62
C-135

No. GC13142



ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-62 71 Well 34011
Project Name and Location Sect. 34 Project Number TW/081
Drilling Company Taylor Rem Driller Don Carrier Rig Number T2
Drilling Method(s) Rotary mud

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 65 ft. ____ cm.
7⅞ in. ____ cm. 65 ft. ____ cm. to 103.5 ft. ____ cm.

Size(s) and types of Bit(s) 12¼ Blade Bit
7⅞" Blade Bit
Size and Type PVC 4" Sch. 40
Total Borehole Depth 103.5 ft. ____ cm.
Depth to Bedrock 60.6 ft. ____ cm.
Depth to Water — ft. ____ cm.
Water Level Determined By —
Length Plain PVC (total) 93.35 ft. ____ cm.
Length of Screen 10 ft. ____ cm.
Total Length of Well Casing 104.2 ft. ____ cm.
PVC Stick Up 1.7 ft. ____ cm.
Depth to Bottom of Screen 102 ft. ____ cm.
Depth to Top of Screen 92 ft. ____ cm.
Depth to Top of Sand 87 ft. ____ cm.
Depth to Top of Bentonite 82 ft. ____ cm.

Sampling Method(s) Previously Cored
Date/Time Start Drilling 10/1/87 0806
Date/Time Finish Drilling 10/6/87 1355
Date/Time Start Completion 10/6/87 N10
Date/Time Cement Protective Casing 10/7/87 1105
Materials Used —
Plain PVC 93.35'
Slotted PVC 10.85'
Bentonite Pellets 3 buckets (150 lb)
Bentonite Granular 2 bgs. (100 lb)
Cement 10 bgs (Quikrete) 94 bgs (810 lb)
Sand Colo. Silica (10-20) 3.5 bgs. (350 lb)
Water added during completion 0
Water added during drilling 0
Total Gallons of water added 0

Drill Site Geologist A.G. Ostello Date 10/7/87

Cement Pad - 10/8/87 DLW & JAM

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed Internal Mortar & weep hole 10/11/87 DLW & JM
Date/Time/Personnel Casing Painted 10/9/87 / 1330 / DLW & SMP
Date/Time/Personnel Numbers Painted 10/9/87 1415 DLW / SMP
Materials Used 20 Bags Secrete

Top of Protective Casing to Top of PVC	0.5 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.6 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.95 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.82 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.1 ft.	____ cm.	

Reviewed By ____ Date ____
Drill Site Geologist ____

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-6271 Well: 34011

Depth-Feet	Soil/Rock Type	Well Completion	Description
0	Alluvial	8" STEEL; 4" PVC; 0.8'; 2.0'; 1.7'; Ground Level; 1.17 FT.	8" ID Steel : 23' Above Ground To 65.0' Below Ground
15		11.22 FT.	4" ID Sch 40 PVC : 1.7' Above Ground To 102.5' Below Ground
		21.28 FT.	
30		31.39 FT.	
		41.35 FT.	Centralizer @ 32.39'
45		51.42 FT.	
60	CS	61.48 FT.	
		71.53 FT.	Centralizer @ 72.59'
75		81.59 FT.	
90		91.65 FT.	Top of Bentonite : 75.0'
	SS		Top of Sand : 87.0'
105	CS		Top of Screen : 92.0'
			Bottom of Screen : 102.0'
120			TD : 102.5'

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Drill Site Geologist: A.E. Hatillo Date: 10/2/87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-62 D1 Well 34011

Project RMA ON-POST
Project Number 7715C44
Date(s) Developed 10/14/87
Date Installed 10/7/87
Personnel (Name/Company) DW/ESE
WTV/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 65 ft.
7⅞ in. 65 ft. to 102.5 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 92.0 ft. to 102 ft.
— ft. to — ft.
Pump (Type/Capacity) GRUNDFOS
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 104.15 ft.
(Final) 104.66 ft.
Bottom of Screen (Below G.L.) 102 ft.
Water Level TOC/Date/Time (Initial) 77.38/10-14-87/1113
(after 24 hrs.) 61.75/10-15-87/1357
Feet of Water in Well 77.27 ft. x 0.653 gallons/foot = 50.46 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 50.46 gallons
* One Purge Volume 65.24 gallons
Minimum Purge Volume 316.2 gallons
Total Purge Volume 330 gallons
Volume Measured By 55 GALLON DRUMS
Surge Technique BAILER/SURGE BLOCK

Calibration: pH Meter Used: BECKMAN φ 21 SN 65838
pH 7.00 = 7.05 at 12.6 °C, pH 10.00 = 10.13 at 10.1 °C
Conductance Meter Used: YSI MODEL 33 HOLM #3
Standard 1413 umhos/cm at 25°, Reading 1030 umhos/cm at 11.7 °C
1506 @ 25°C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0 gal.	1156	12.2	11.73	460 @ 15.0°C 530 @ 25°C	muddy w/ slight gray silt, no odor
65 gal	1247	14.2	10.94	330 @ 15.0°C 390 @ 25°C	cloudy w/ some gray silt
100 gal	1501	13.7	8.86	1003 @ 25°C	slightly cloudy w/ brown silt
107 gal	1527	13.1	9.85	880 @ 25°C	slightly cloudy w/ brown silt
Final					

Sumppoint = 102' (bottom of screen)
- 91' (TOC to water)
11' (saturated screen)

Remarks: Initial pH/T = 7 → 4 ppm
2 Purge vol = 50.46 (casing vol.)
+ 15.78 (sumppoint vol)
66.24 gal
Developed several times to 55 gallons 2100 gallons

Collected by [signature] 10/14/87
Signature Date
Checked by _____
Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-62 D1 Well 34011

Project TEXAS ORD - POST
Project Number TASK 44
Date(s) Developed 10/15/87
Date Installed 10/7/87
Personnel (Name/Company) DW / ESE
WTV / ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 65 ft.
7⅞ in. 65 ft. to 123.5 ft.
Rig Used ESE WATER RESOURCE TRUCK
Screen Interval 92.0 ft. to 102.0 ft.
— ft. to — ft.
Pump (Type/Capacity) GRUNDFOS / 2" 7 GPM
Bailer (Type/Capacity) N/A
Water Source TOWN
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 104.65 ft.
(Final) 104.66 ft.
Bottom of Screen (Below G.L.) 103 ft.
Water Level TOC/Date/Time (Initial) 27.38/10-1487/1113
(after 24 hrs.) 61.75/12-15-87/1357
Feet of Water in Well 77.27 ft. x 0.853 gallons/foot = 65.24 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 65.24 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 196.2 gallons
Added Water 0 gallons
Total Purge Volume 330 gallons
Casing/Anulus Volume 50.46 gallons
Volume Measured By 55 GAL. DRUM
Surge Technique AIR LIFT / SURGE BLOCK

Calibration: pH Meter Used: BECKMAN ϕ 81 SN: 015883
pH 7.00 = 7.06 at 9.0 °C, pH 10.00 = 10.16 at 9.7 °C
Conductance Meter Used: YSI MODEL 32 ESE # 2 SN: 2663
Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 23 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 107	1038	13.1	8.90	1007	partly cloudy some precipitate added in the
115 130 DW	1153	16.2	8.06	952	partly cloudy
Final					

Remarks: Initial flow = 1.2 gpm static water level = 69.2/10-15-87/1106
Pumping rate w/ 7 GPM pump = 0.14 gpm static water level = 72.1/10-15-87/1115
Well and producing very water; will pump to check if recovery should have been able to pump 27 gallons. Shut down for now and allow recharge.

Collected by [signature] 10/15/87
Signature Date
Checked by _____
Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

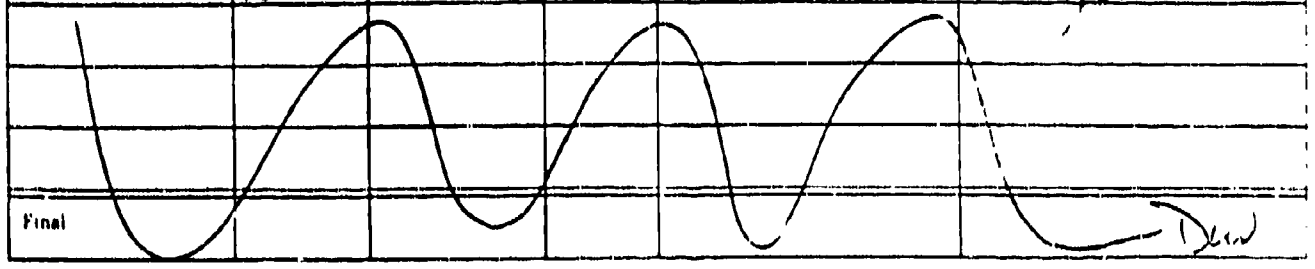
WELL DEVELOPMENT DATA

Bore EP-62 D1 Well 34011

Project RMA ON POST
Project Number TASK 44
Date(s) Developed 10/27/87
Date Installed 10/7/87
Personnel (Name/Company) DWS IESE
WTV IESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 65 ft.
7⅞ in. 65 ft. to 103.5 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 92.0 ft. to 102.2 ft.
Pump (Type/Capacity) GRUNDFOS / 26GPM
___ ft. to ___ ft.
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 104.65 ft.
Bottom of Screen (Below G.L.) 102 ft.
(Final) 101.66 ft.
Water Level TOC/Date/Time (Initial) 27.38 / 10-14-87 / 1117
(after 24 hrs.) 61.75 / 12-15-87 / 13.51
Feet of Water in Well 77.27 ft. x 0.053 gallons/foot = 63.24 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 63.24 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 316.2 gallons
Added Water 0 gallons
Total Purge Volume 330 gallons
Casing/Anulus Volume 50.16 gallons
Volume Measured By 55 GALLON DRUM
Surge Technique RAISE / LOWER PUMP

Calibration: pH Meter Used: BECKMAN 4521 SN: 015587
pH 7.00 = 7.02 at 14.0 °C, pH 10.00 = 10.07 at 14.5 °C
Conductance Meter Used: YSI MODEL 32 ESE #2
Standard 1413 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial ~~120~~ 115 DW	1522	14.4	9.21	~~937~~ DW 985	Pretty cloudy
~~150~~ 145 DW	1532	14.9	9.01	979	Mostly clear
Final					



Remarks: Developed at 30 gallons (1532) Water level = 61.11

Collected by [illegible] Signature

Checked by [illegible] Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP62-D1 Well 34011

Project RMA ON-POST
Project Number TSK 414
Date(s) Developed 12-10-87
Date Installed 12-7-87
Personnel (Name/Company) WM/ESE
KBB/ESE
Well Diameter (I.D.) 4.0 in.
Anulus Diameter 12¼ in. 0 ft. to 65 ft.
7⅞ in. 62 ft. to 105.5 ft.
Rig Used Well service Truck
Screen Interval 92.6 ft. to 102.6 ft.
— ft. to — ft.
Pump (Type/Capacity) TSCO
Bailer (Type/Capacity)
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 104.65 ft.
(Final) 104.66 ft.
Bottom of Screen (Below G.L.) 102 ft.
Water Level TOC/Date/Time (Initial) 61.0 / 12-10-87 / 1053
(after 24 hrs.) (original WL level: 27.33/12-14-87/1113) 61.75/12-15-87/1351
Feet of Water in Well 43.65 ft. x 0.653 gallons/foot = 28.5 gallons casing/anulus volume
Drilling Fluid Lost ____ gallons
One Purge Volume 63.27 gallons
Purge Water Lost ____ gallons
Minimum Purge Volume 316.2 gallons
Added Water ____ gallons
Total Purge Volume 330 gallons
Casing/Anulus Volume 50.46 gallons
Volume Measured By 55 gal
Surge Technique Centrifugal pump

Calibration: pH Meter Used: Beckman #31 S/N 015583
pH 7.00 = 7.04 at 13.4 °C, pH 10.00 = 10.14 at 13.1 °C
Conductance Meter Used: ~~Beckman #31 SN 015583~~ YSE #52
Standard 1413 umhos/cm at 25°, Reading 1067 umhos/cm at 14.2 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 145	1125	13.7	9.14	541	very clear
210	1455	13.0	8.35	1023	clear
Final					

Remarks: ____

Collected by [signature] 12-15-87
Signature

Checked by [signature]
Signature

C-141

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP62-01 Well 34211

Project RMA ON POST Project Number TSK 441

Date(s) Developed 10-11-87 Date Installed 10-7-87

Personnel (Name/Company) WW/ESE Well Diameter (I.D.) 4.0 in.

KBP/ESE Anulus Diameter 12¼ in. 0 ft. to 62 ft.

Rig Used Well Service Truck 7⅞ in. 62 ft. to 103.5 ft.

Pump (Type/Capacity) ESCO Screen Interval 82 ft. to 102 ft.

Bailer (Type/Capacity) — ft. to — ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 104.65 ft. Bottom of Screen (Below G.L.) 102 ft.

(Final) 104.66 ft.

Water Level TOC/Date/Time (Initial) 27.38 / 10-14-87 / 1113

(after 24 hrs.) 61.75 / [illegible] 12-15-87 / 1351

Feet of Water in Well 77.27 ft. x 0.653 gallons/foot = [illegible] gallons casing/anulus volume

Drilling Fluid Lost — gallons One Purge Volume 63.2 gallons

Purge Water Lost — gallons Minimum Purge Volume N/C gallons

Added Water — gallons Total Purge Volume 315 gallons

Casing/Anulus Volume N/C gallons Volume Measured By 55 gal. barrel

+ sand pack vol. = 12.78 Surge Technique rigid & bailer plungers

Calibration: pH Meter Used: Beckman Mi 21 SN 015323

pH 7.00 = 7.05 at 11.8 °C. pH 10.00 = 10.15 at 12.7 °C

Conductance Meter Used: YSI #3003

Standard 1413 umhos/cm at 25°. Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, odor)
Initial 210	0954	12.2	7.86	1052	very cloudy
265 275	1257	12.5	7.83	1074	same
330	1507	11.0	8.46	1115	same
—	—	—	—	—	—
				KP	
Final	—	—	—	—	—

Remarks: Water level TOC = 61.97 10-11-87 [illegible]

[illegible] final water [illegible] 10-11 [illegible]

[illegible] 0916 final

Collected by Kevin Winston 12-11-87
Signature

Checked by [illegible]
Signature

C-142

EP-65

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

BOREHOLE SUMMARY LOG

Borehole EP65 Well

Project Name and Location MW Installation Project Number Tnk 44

Drilling Company Boyles Driller B. Roach Rig Number Trailer mtd

Drilling Method(s) Continuous core - rotary

Size(s) and type(s) of bit(s) 7 7/8" Micro, 3 7/8" blade

Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 40 ft. ____ cm.

3 7/8 in. ____ cm. 40 ft. ____ cm. to 150 ft. ____ cm.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 11

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 8-6-87 0741

Date/Time Completed Drilling 8-10-87 1208

Total Borehold Depth 150 ft. ____ cm.

Depth to Bedrock 36 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 8-18-87 0905

Depth of Tremmie Pipe 145 ft.

Gallons of Grout 100 gals.

Materials Used 10 bags cement, 100 gals. water, 1 bag bentonite

Comments Hole grouted to surface - then staked for surveyors

Wellsite Geologist CD Kenson Date 9-11-87

Checked for Grout Settlement on ____ by ____

Amount of Grout Added ____

All Measurements from Ground Level

Reviewed by ____ Date ____

Drill Site Geologist ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 1 OF 3

Borehole: EP-65 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL COLORS
0			NA		ML	Sandy-silt, ~10-15% v. f. gr. sand, 10 YR 5/2-3, grayish brown, non-plas., med. dense, dry, alluvium.
1	0-2	2'		0-2'		
2						
3	2-4	1.8'		2-4'		At 3.0' clayey-silt ~20-30% clay, 10 YR 5/3, brown, non-plas, dense, dry, alluvium.
4						At 4.0', clayey-fine sands, ~30% clay, 10 YR 5/4, yellowish brown, slightly plas., stiff, slightly moist, alluvium.
5	4-6	2'		4-6'		
6						

Drill Site Geologist: [signature] Date: 9/16/87

Reviewed By: [signature] Date: 11/5/87

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 2 OF 3

Borehole: EP-65 Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL COLORS
6			NA		ML	Clayey fine-sands, ~ 30-40% clay, ~30% v.f.gr. calcareous sands, 10 YR 6/4 light yowsh brn, mottled w/ 10 YR 8/1, white, slightly plas., stiff, slightly moist, alluvium.
7	6-8'	1.6'		6-8'		
8						At 8.0', clayey fine-sands, percent clay decreases to ~ 10-15%, 10 YR, 5/4, yowsh brown, non-plas, loose, moist, alluvium.
9	8-10'	2'		8-10'		
10						At 10', clayey-fine sands, ~ 15-20% Clay, ~ 20-30% silt, 10 YR 5/4 yowsh brown, v. slight plas., soft, moist, alluvium.
11	10-12'	2'		10-12'		
12						

LAB

Drill Site Geologist: N.E. Estabrook Date: 9/16/87

Reviewed By: [signature] Date: 9/..87

C-146

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

SHEET 3 OF 8

Borehole: EP-65 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL COLORS
12			NA		ML	
13						At 13.0', clayey fine-sands, 20% clay, 10 YR 5/6-8 ywsh. brown, v. slight plas, soft, moist, alluvium.
14						
					CL	Gravelly, sandy-clay, ~ 20% gravel (1/4" dia), 30% v. fine sand, 10 YR 5/3-4, brown, med. plas, med. stiff, moist, alluvium.
15						
16					GC	At 16', ~~gravelly, sandy~~ to clayey, sandy-gravels ~ 20% clay, 30% fine-med gr sand, 10 YR 5/4-6 yish brn, non-plas, loose, moist, alluvium.
17					SP	Gravelly-sands, ~ 30-40% gravel (1/4-1/2" dia), fine-med gr sands, 10 YR 5/4, ywsh brn, non-plas, loose, slightly moist, alluvium.
18						END OF BORING LOG

Lab Drill Site Geologist: A R Date: 9/16/85

Reviewed By: Date: 11/19/87

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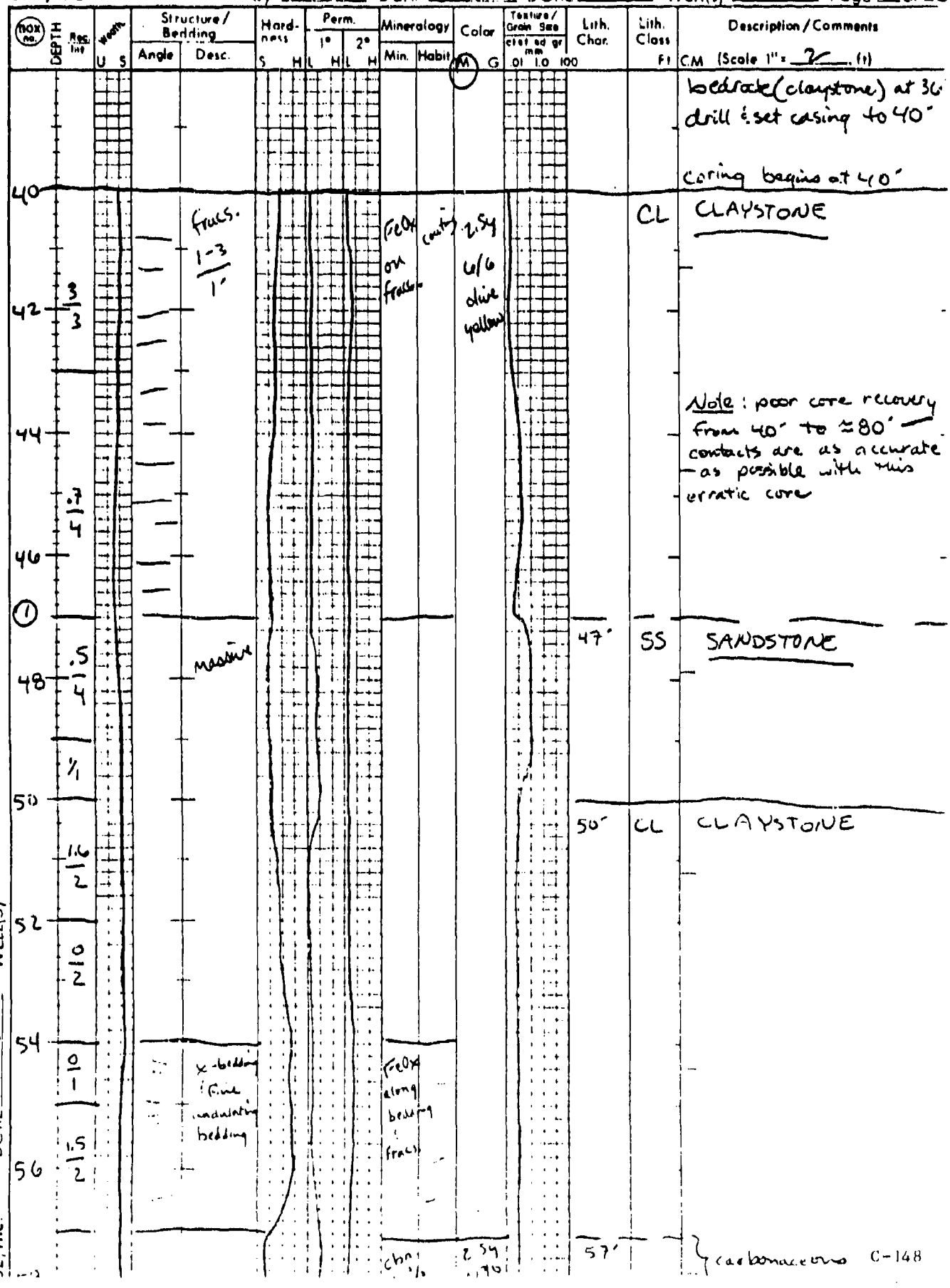
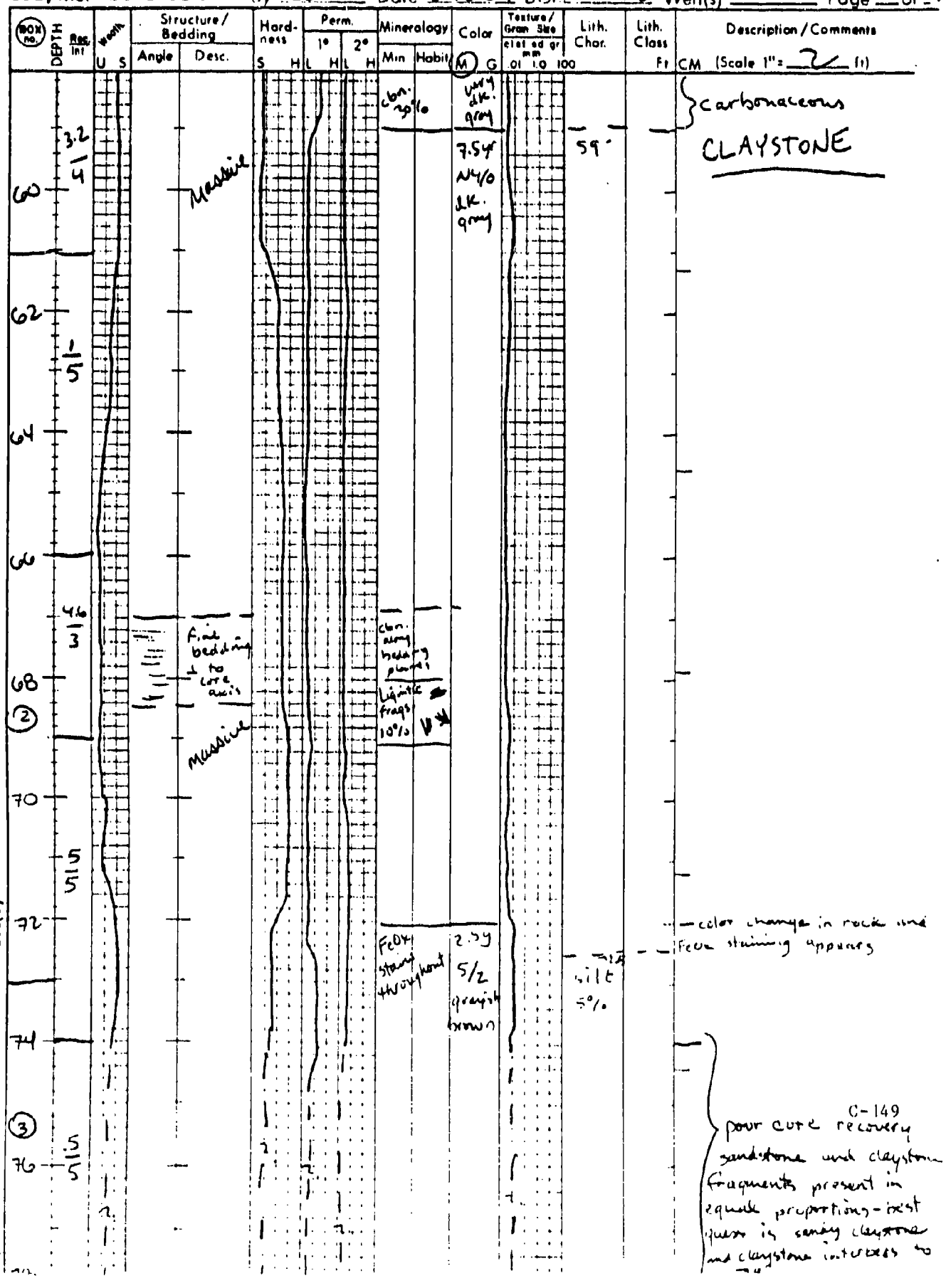
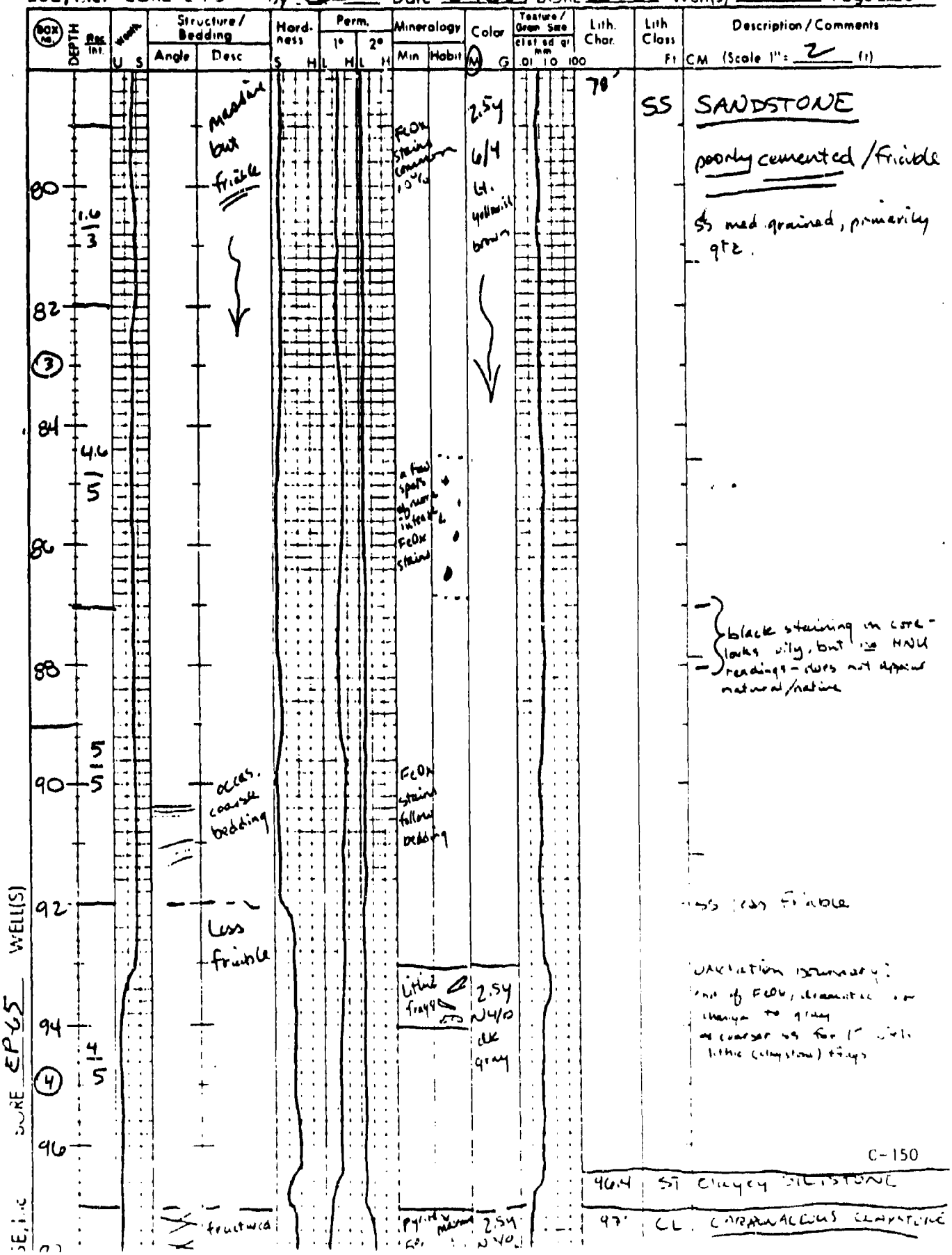
ESE, Inc. CORE LOG By CDB Date 8-10-87 BORE EP-65 Well(s) _____ Page 1 of 6



ESE, Inc. CORE LOG By CDB Date 8-10-87 BORE EP65 Well(s) _____ Page 2 of 6



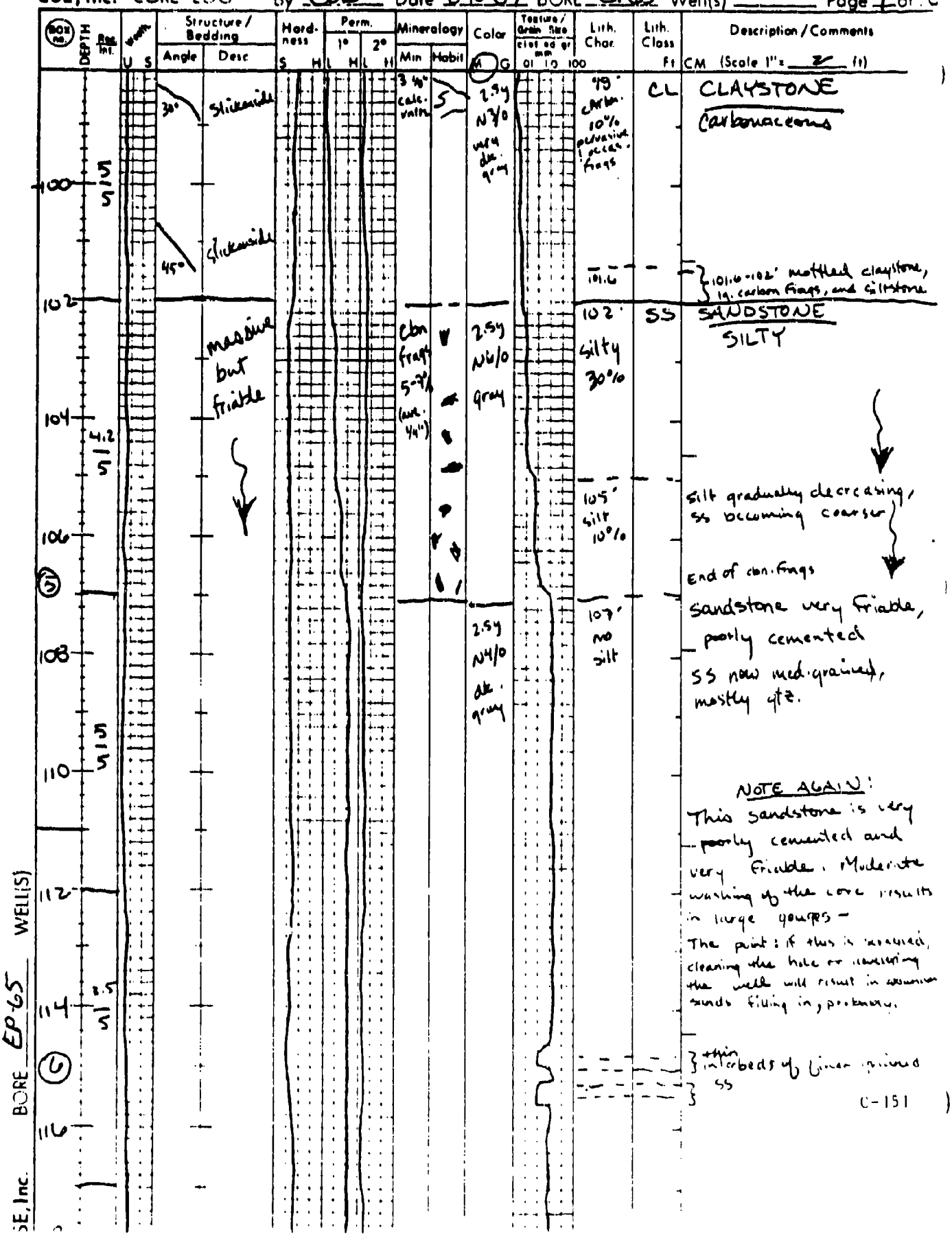
ESE, Inc. CORE LOG By CDB Date 8-10-87 BORE EP-65 Well(s) _____ Page 3 of 6



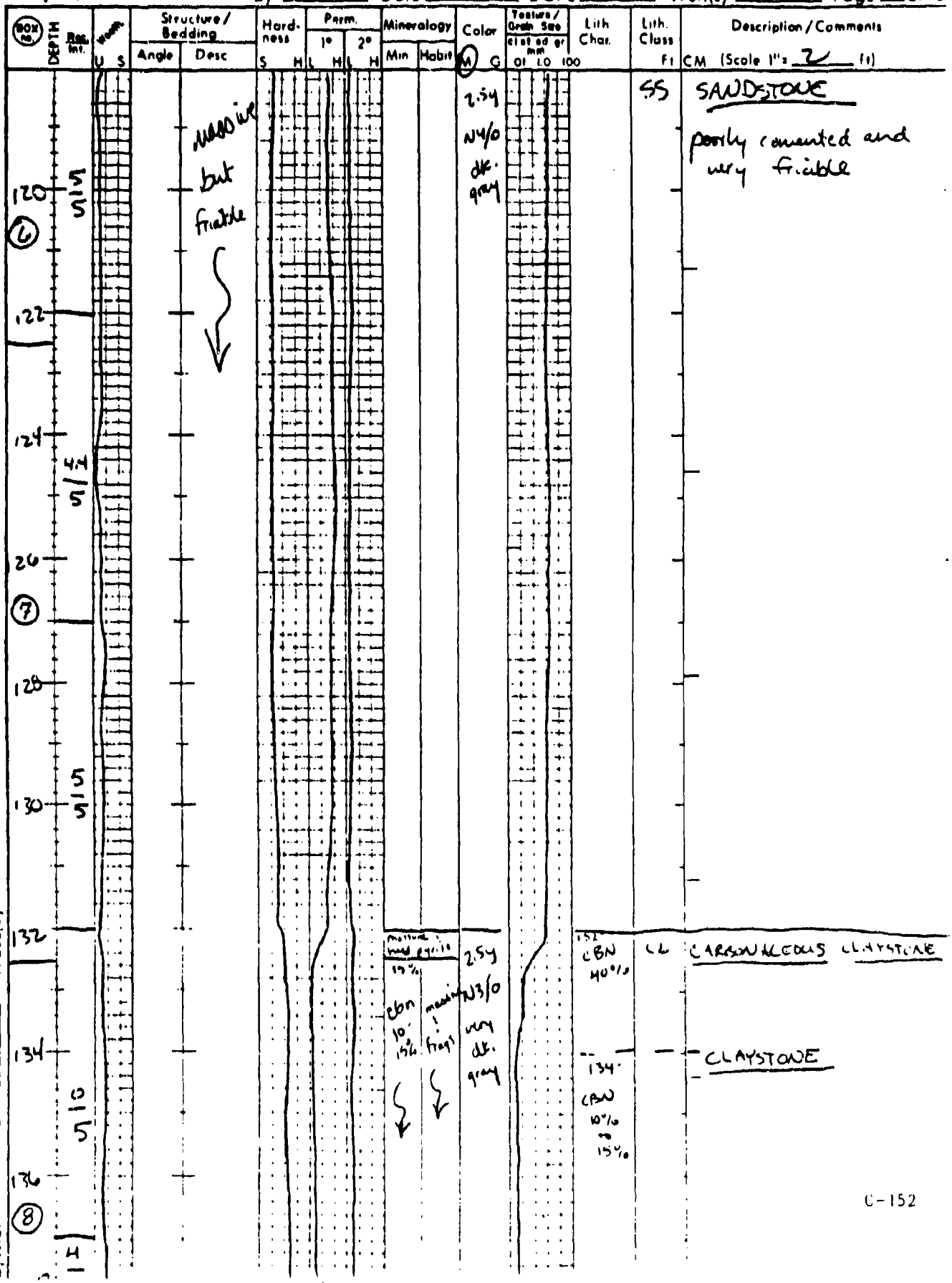
BORE EP-65 WELL(S)

Variation Summary:
end of FeOx, streaking from orange to gray as coarser as for 1" thick lithic (clayston) frags

ESE, Inc. CORE LOG By CDB Date 8-10-87 BORE EP65 Well(s) _____ Page 4 of 6



ESE, Inc. CORE LOG By CDB Date 8-10-97 BORE C965 Well(s) _____ Page 5 of 6



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ESE, Inc. CORE LOG By CDB Date 8.10.87 BORE EP65 Well(s) _____ Page 6 of 6

Box no.	DEPTH	Rec. int	Fracture U	Fracture S	Structure/Bedding Angle	Structure/Bedding Desc	Hardness S	Hardness H	Perm. 1° L	Perm. 1° H	Perm. 2° L	Perm. 2° H	Mineralogy Min	Mineralogy Habit	Color M	Color G	Texture/Grain Size clst sd gr mm .01 .10 1.00	Lith. Char	Lith. Class Fl	Description/Comments CM (Scale 1" = 2 ft)
	140														2.5Y N3/0 very dk. gray				Cl	CLAYSTONE
		4.5																		
	142																	142		porphyritic texture – lithic frags of rounded claystone in claystone matrix
																		142.7		
	144																			
8																				
		5.0																		
	146																			
	148																			
		3.5																		
9		2																		END OF CARBON
	150														2.5Y N5/0 gray					Total Depth 150'

BORE EP65 WELL(S)

ESE, Inc.

C-153

Frontier Logging
Lakewood, Colorado

Date: Aug. 11, 1987

Company: ESE
Well: EP 65
Field: RMA
County: ADAMS COUNTY
State: COLORADO
Elevation: Ground Level

Driller's Depth: 150 Ft
Bit Size: 3 7/8"
Type Fluid: drill pipe to 85 Ft
Fluid Level: water + native mud
Max Rec Temp: Ground Level

Time Logger On: 0735
Time Logger Off: 0835
Truck No: 110
Engineer: W. Linton
Base Station: Lakewood

EQUIPMENT DATA

TD Logged: 145 Ft.
Natural Gamma: 200 Scale = 20
Time Constant: 2
Depth Speed: 15
Sonde No: 103-1041
Sonde Size: 1 5/8"
Crystal Size: xtal 3/4 x 1 1/4"
K Factor: 1.60 x 10^{-5}
Gain: 7
Hole Factor: 1.10
Hole Size: 3 7/8"
Casing Factor:
Resistance: 100 ohms/5"
SP: 20 MV/Inch

Run #1 Hole blocked @ 73 Ft going thru 56 Ft of drill pipe

Run #2 Logged thru 85 Ft of drill pipe

DIRECTIONAL DATA

Closure:
Azimuth:
True Vertical:
Survey Depth:

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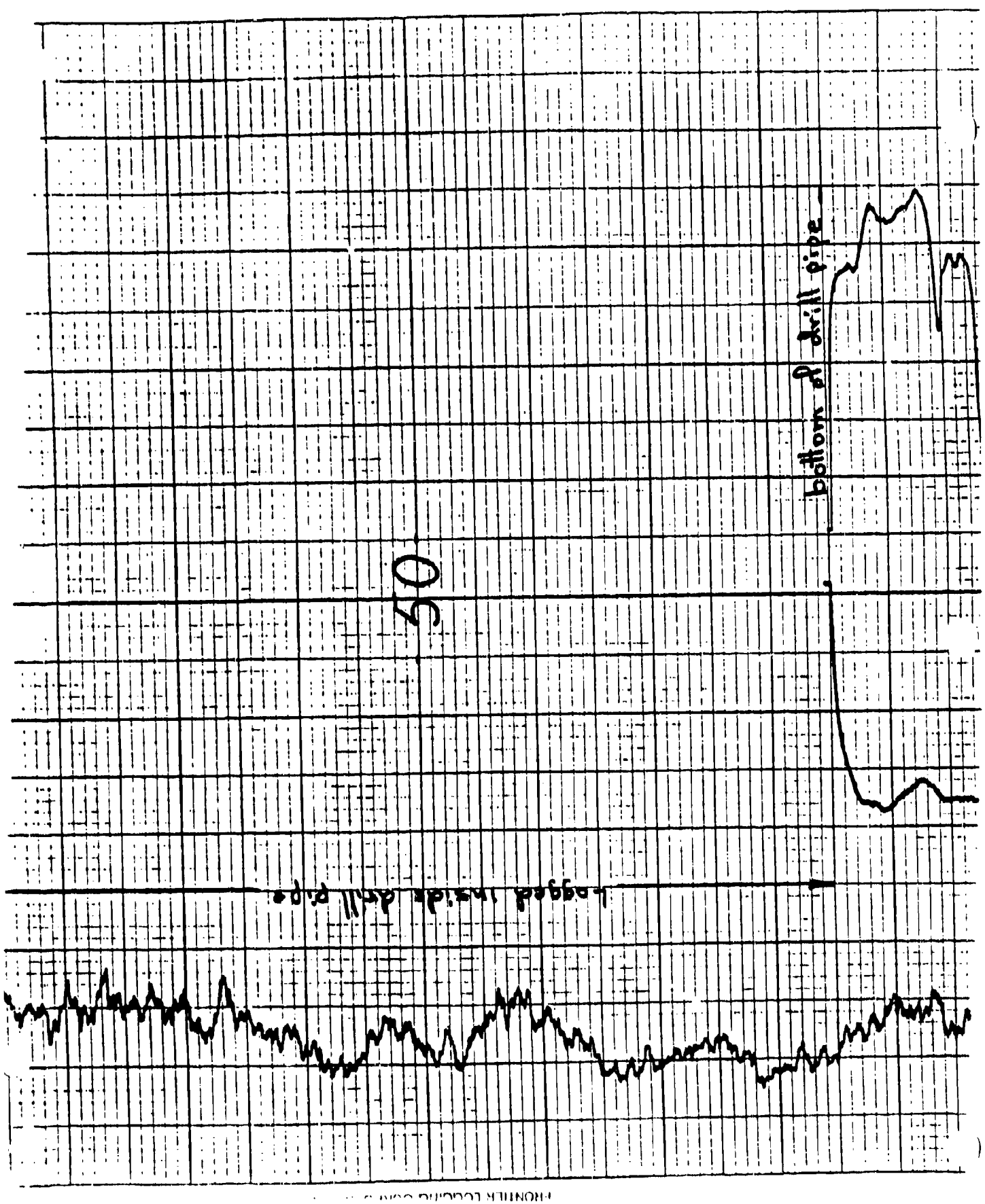
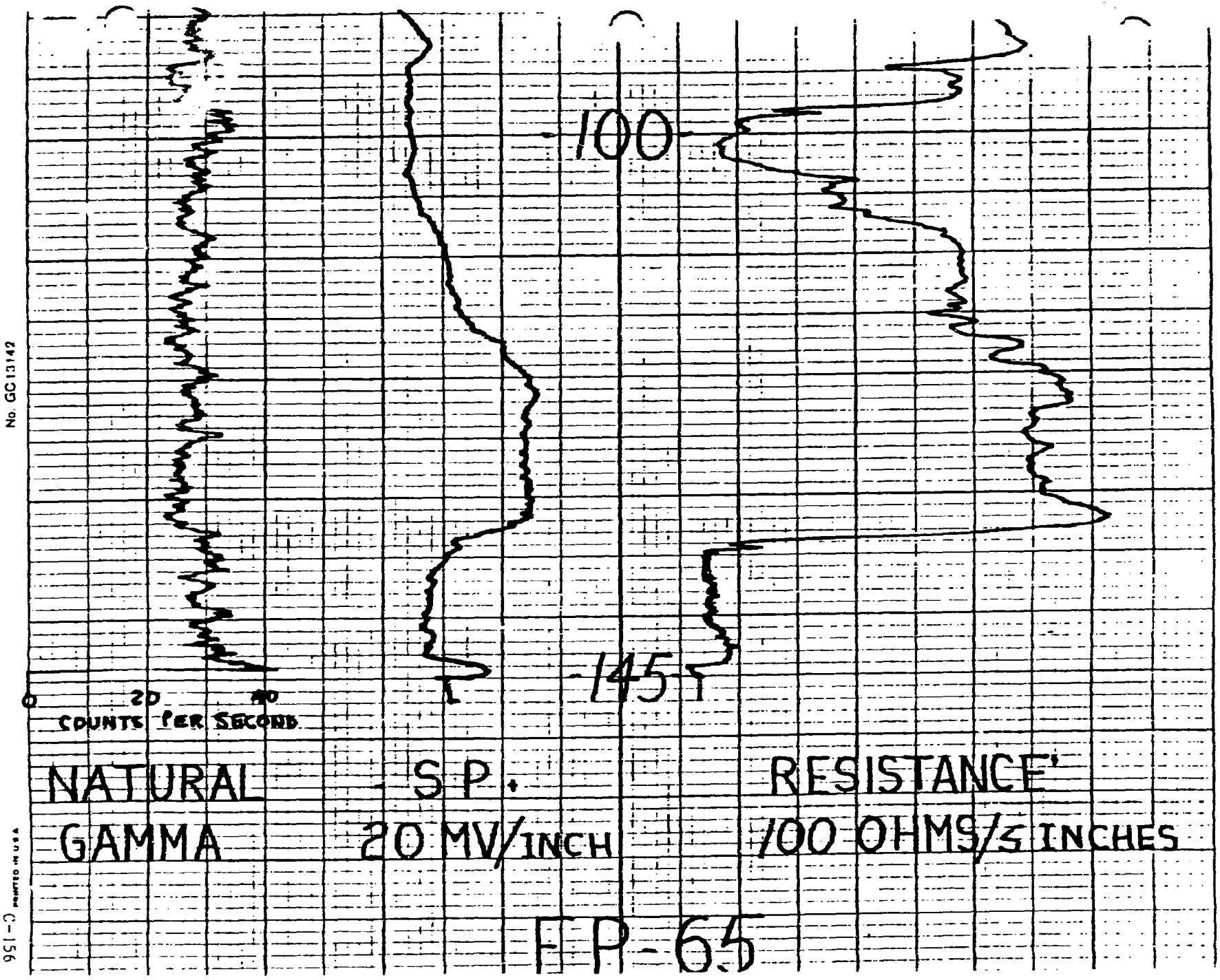

bottom of drill pipe
50
logged inside drill pipe


100
145
0
20
40
COUNTS PER SECOND
NATURAL
GAMMA
S.P.
20 MV/INCH
RESISTANCE
100 OHMS/5 INCHES
FP-65
No. GC 13142
C-156

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-6936

WELL CONSTRUCTION SUMMARY

Borehole EP-65 D1 Well 34012

Project Name and Location RMA T44, SE¼ Sec. 34 Project Number 17053.081.10

Drilling Company Boyles Bros. Driller D. Lavine Rig Number IR

Drilling Method(s) Rotary

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 46 ft. ____ cm.
7⅞ in. ____ cm. 46 ft. ____ cm. to 98 ft. ____ cm.

Size(s) and types of Bit(s) 12¼"? 7⅞" Blade Bits

Size and Type PVC 4" ID Sch 40

Total Borehole Depth 98 ft. ____ cm.

Depth to Bedrock 1046 ft. 36 ft cm.

Depth to Water — ft. ____ cm.

Water Level Determined By —

Length Plain PVC (total) 79.23 ft. ____ cm.

Length of Screen 21.37 ft. ____ cm.

Total Length of Well Casing 98.6 ft. ____ cm.

PVC Stick Up 1.6 ft. ____ cm.

Depth to Bottom of Screen 96.5 ft. ____ cm.

Depth to Top of Screen 75.98 ft. ____ cm.

Depth to Top of Sand 71.0 ft. ____ cm.

Depth to Top of Bentonite 65.0 ft. ____ cm.

Sampling Method(s) Previously Cored

Date/Time Start Drilling 10/5/87 0745

Date/Time Finish Drilling 10/9/87 0945

Date/Time Start Completion 10/9/87 1230

Date/Time Cement Protective Casing ____

Materials Used 101.7' PVC

Plain PVC 80.33'

Slotted PVC 21.37'

Bentonite Pellets 2.5 bentonite (150 lb)

Bentonite Granular 7/8" to 10 1.6 bg (80 lb)

Cement 7 bg (~~630 lb~~) 10 11.6 bg. (1140 lb)

Sand 5 bg. (500 lb.) Colo. Silica

Water added during completion Ø

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist A.E. Pitelli

Date 10/9/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 10/10/87 1030 Dennis

Date/Time/Personnel Casing Painted 10/21/87 1000 Dan & Lon

Date/Time/Personnel Numbers Painted 10/20/87 1520 Lon

Materials Used 16 BAGS SAKRETE

Top of Protective Casing to Top of PVC 0.40 ft. ____ cm.

Top of Protective Casing to Weep Hole 1.54 ft. ____ cm.

Top of Protective Casing to Internal Mortar 1.77 ft. ____ cm.

Top of Protective Casing to Top of Cement Pad 1.55 ft. ____ cm.

Top of Protective Casing to Ground Level 1.3 ft. ____ cm.

COMMENT/NOTES

Reviewed By ____ Date ____

Drill Site Geologist ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-6571 Well: 34012

Depth-Feet	Soil/Rock Type	Well Completion	Description
		8" Steel; 4" PVC; 1.9; 1.6; 1.5; 1.4; Ground Level	- 8" ID STEEL CASING FROM 1.9' ABOVE GROUND TO 46.0' BELOW SURFACE - 4" ID PVC CASING FROM 1.6' ABOVE GROUND TO 97.0' BELOW SURFACE
5		5.83 jt.	
10		15.36 jt.	
20		25.39 jt.	
30		35.48 jt.	
40	CL	45.48 jt.	TD (8" STEEL) : 46.0'
50	SS / CL	55.52 jt.	
60		65.59 jt	TOP OF BENTONITE : 65.0'
70		~~75.29 jt~~	TOP OF SAND : 71.0'
80		75.63 jt	TOP OF SCREEN : 75.98'
90	SS	~~85.88 jt~~ 86.14 jt ~~90.14 jt~~	BOTTOM OF SCREEN : 96.5'
100	CL		TD: 97.0' (PVC)

Drill Site Geologist: A.C. Wetzel Date: 10/9/87

Reviewed By: [signature] Date: 2/17/88

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 1 OF 2

WELL DEVELOPMENT DATA

Bore EP-650I Well P34012

Project RMA ON-POST
Project Number INSTL 44
Date(s) Developed 10/26/87
Date Installed 10/9/87
Personnel (Name/Company) DLW/ESE
Well Diameter (I.D.) 4 in.
WTV/ESE
Anulus Diameter 12¼ in. 0 ft. to 46 ft.
Rig Used ESE WELL SERVICE TRUCK
7⅞ in. 46 ft. to 98 ft.
Pump (Type/Capacity) GRUNDFOS/20 GPM
Screen Interval 75.5 ft. to 96.5 ft.
Bailer (Type/Capacity) N/A
— ft. to — ft.
Water Source RMA
Casing Height (Above G.L.) 1.6 ft.
Measured Well Depth TOC (Initial) 95.95 ft.
Bottom of Screen (Below G.L.) 96.5 ft.
(Final) 98.80 ft.
Water Level TOC/Date/Time (Initial) 73.0 / 10-30-87 / 1015
(after 24 hrs.) 72.90 / 10-27-87 / 1530
Feet of Water in Well 22.95 ft. x 0.653 gallons/foot = 14.99 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 40 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 200 gallons
Added Water 0 gallons
Total Purge Volume 300 gallons
Casing/Anulus Volume 15 gallons
Volume Measured By 55 GALLON DRUM
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN 21 SN: 015883
pH 7.00 = 7.02 at 18.9 °C, pH 10.00 = 10.08 at 18.7 °C
Conductance Meter Used: YSI MODEL 32 #12
Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 5 gallons	1038	15.0	12.81	1563	Soupy muddy brown with [illegible]
40 gallons	1052	14.4	10.13	496	cloudy w/ brown silt & fine black [illegible]
80 gallons	1108	14.5	9.15	539	cloudy w/ brown silt & brown/black [illegible]
120 gallons	1134	13.8	8.32	574	cloudy w/ fine brown silt [illegible]
160 gallons	1143	13.7	7.65	570	cloudy w/ brown silt [illegible]
Final 200 gallons	1156	14.0	7.76	552	cloudy w/ brown silt [illegible]

Sand pack vol. = 25.5 ft³ × .852 gal/ft³ = 21.7 gal
1 Purge vol = 150 gal (casing vol) − 21.7 gal (sand pack vol) = [illegible]

Remarks: Initial HNU (TOC) = 20.30 ppm
Recovered @ 93 gallons (17 min. recharge)

Collected by [signature] 10/27/87
Signature
Checked by [signature]
Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-65D1 Well 34012

Project RUN ON-TOSF Project Number 7156 44

Date(s) Developed 10/26/87 Date Installed 10/9/87

Personnel (Name/Company) DCW/ESE Well Diameter (I.D.) 4 in.

WTV/ESE Anulus Diameter 12¼ in. 0 ft. to 46 ft.

Rig Used ESE WELL SERVICE TRUCK 7⅞ in. 46 ft. to 91 ft.

Pump (Type/Capacity) GRUNDFOS/26 GPM Screen Interval 75.5 ft. to 86.5 ft.

Bailer (Type/Capacity) N/A — ft. to — ft.

Water Source RUN 14 Casing Height (Above G.L.) 1.6 ft.

Measured Well Depth TOC (Initial) 88.55 ft. Bottom of Screen (Below G.L.) 86.5 ft.

(Final) 88.90 ft.

Water Level TOC/Date/Time (Initial) 78.0 / 10-26-87 / 1015

(after 24 hrs.) 72.40 / 10-27-87 / 1530

Feet of Water in Well 22.95 ft. x .0653 gallons/foot = 14.99 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons * One Purge Volume 40 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 200 gallons

Added Water 0 gallons Total Purge Volume 300 gallons

Casing/Anulus Volume 15 gallons Volume Measured By 55 GALLON DRUM

Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN φ 21 SN: 0158483

recalibration → pH 7.00 = 7.02 at 19.0 °C, pH 10.00 = 10.09 at 19.4 °C

Conductance Meter Used: YSI MODEL 32 ESE #2

Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
~~Initial~~ 240	1205	13.7	7.00	627	Murky cloudy w/ brown/black fine sand
Final 300	1225	14.0	7.64	600	murky cloudy w/ brown/black fine/m sand
Final					DCW

Remarks: HNU (TOC) @ 250 ppm = 0.0 ppm

Water showed no sign of becoming completely clear.

1 Purge vol = 150 gal (casing vol)
− 217 gal (sand pack vol)
34.1 gal ≈ 40 gallons

Collected by [signature] 10/30/87

Checked by [signature] Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0626

WELL CONSTRUCTION SUMMARY

Borehole EP-65D Well 34013
Project Name and Location RMA T3N 44, S24, Sect. 24 Project Number 081
Drilling Company Boyles Bros. Driller Dan Garcia Rig Number 12
Drilling Method(s) Rotary wash

Borehole Diameter 16¼ in. ____ cm. 0 ft. ____ cm. to 39 ft. ____ cm.
11¾ (244mm) in. ____ cm. 39 ft. ____ cm. to 98 ft. ____ cm.
7⅞ in. 98 ft. to 135 ft.

Size(s) and types of Bit(s) 16¼", 244mm, 7⅞" 11¾" Blade Bits
Size and Type PVC 4" Sch 40
Total Borehole Depth 135 ft. ____ cm.
Depth to Bedrock 36 ft. ____ cm.
Depth to Water — ft. ____ cm.
Water Level Determined By —
Length Plain PVC (total) 107.58 ft. ____ cm.
Length of Screen 26.72 ft. ____ cm.
Total Length of Well Casing 134.30 ft. ____ cm.
PVC Stick Up 1.3 ft. ____ cm.
Depth to Bottom of Screen [illegible] ft. 132.54 cm.
Depth to Top of Screen 106.44 ft. ____ cm.
Depth to Top of Sand 101.0 ft. ____ cm.
Depth to Top of Bentonite 96.0 ft. ____ cm.

Sampling Method(s) Continuous cored
Date/Time Start Drilling 10/18/87 1050
Date/Time Finish Drilling 10/20/87 1240
Date/Time Start Completion 10/21/87 1445
Date/Time Cement Protective Casing ____
Materials Used ____
Plain PVC 137.27'
Slotted PVC 26.72'
Bentonite Pellets 2 buckets (100 lb.)
Bentonite Granular 5 bgs. (250 lb.)
Cement 45 bgs (4050 lb.)
Sand 8 bgs (800 lb.)
Water added during completion 0
Water added during drilling 0
Total Gallons of water added 0

Drill Site Geologist A.E. Ortelli Date 10/15/87

INT MORTAR/WEEP HOLE 10/19/87 1515 DLW EWT

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 10/20/87 1510 DLW EWT
Date/Time/Personnel Casing Painted 10/21/87 1545 DLW EWT
Date/Time/Personnel Numbers Painted 10/22/87 1520 INTV
Materials Used 14 BAGS SACRETE

Top of Protective Casing to Top of PVC	2.80 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.17 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.58 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.65 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.15 ft.	____ cm.	

Reviewed By [signature] Date 12/5/87
Drill Site Geologist ____

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-8830

Borehole: EP-65B2 Well: 34013

Depth-Feet	Soil/Rock Type	Well Completion	Description
		8" STEEL, 4½" DIA, 12" DIA, 2.0', 1.3', Ground Level	12" ID STEEL: GROUND TO 39.0' BELOW 8" ID STEEL: 2.0' ABOVE GROUND TO 98.0' BELOW 4" ID PVC: 1.3' ABOVE GROUND TO 133.0' BELOW
0			
		5.77 ft.	
15		15.84 ft.	
		25.89 ft.	
30		35.93 ft.	
	CL		
45	CL	45.98 ft.	TD: (12" STEEL): 39.0'
	SS		
	CL	56.03 ft.	
60		66.06 ft.	
75		76.09 ft.	
	SS		
90		86.15 ft.	TOP OF BENTONITE SEAL: 96.0'
	CL	96.2 ft.	TD (8" STEEL): 98.0'
105	SS	106.25 ft.	TOP OF SAND PACK: 101.0'
		116.80 ft.	TOP OF SCREEN: 106.14'
120		127.34 ft.	
			BOTTOM OF SCREEN: 132.5'
135	CL		TD: 133.0' (PVC)

Drill Site Geologist: A.S. Portella Date: 10/15/87

Reviewed By: [signature] Date: 1/12/88

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-6582 Well 34013

Project Rifle - UMTRA-POST Project Number T1S1R44

Date(s) Developed 10/26/87 Date Installed 10/14/87

Personnel (Name/Company) DLW / ESE Well Diameter (I.D.) 4 in.

WTV / ESE Anulus Diameter 16½ in. 0 ft. to 39 ft.

Rig Used ESE well service Truck & 11¾ in. 39 ft. to 98 ft.

Pump (Type/Capacity) Grundfos 26 GPM Screen Interval 106.44 ft. to 132.5 ft.

Bailer (Type/Capacity) N/A ft. to ft.

Water Source Rifle Casing Height (Above G.L.) 1.3 ft.

Measured Well Depth TOC (Initial) 134.6 ft. Bottom of Screen (Below G.L.) 132.5 ft.

(Final) 134.41 ft.

Water Level TOC/Date/Time (Initial) 48.3 / 10-26-87 / 1500

(after 24 hrs.) 48.49 / 10-27-87 / 1340

Feet of Water in Well 86.3 ft. x 0.653 gallons/foot = 56.35 gallons casing/anulus volume

Drilling Fluid Lost N.A gallons One Purge Volume 85 gallons

Purge Water Lost N.A gallons Minimum Purge Volume 425 gallons

Added Water 0 gallons Total Purge Volume 765 gallons

Casing/Anulus Volume 56.4 gallons Volume Measured By 55 gal. Drum

Surge Technique Raise / Lower 2 pumps

Calibration: pH Meter Used: Beckman ϕ 21 SN: 015833

pH 7.00 = 7.02 at 17? °C, pH 10.00 = 10.09 at 17? °C

Conductance Meter Used: YSI Model 32 ESE #2

Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 5 gal.	1540	13.6	11.79	1741	cloudy w/ grey silt + bentonite + grout; some fine sand
85 gal.	1547	13.6	11.42	901	partly cloudy w/ some lt. grey
170 gal.	1555	13.4	11.09	501	partly clouds
255 gal.	1604	13.5	10.51	413	partly clouds, some fine sand
340 gal.	1614	13.3	10.24	383	partly cloudy
Final 425 gal.	1621	13.0	10.21	365	Partly cloudy, some v fine grey sand

Remarks: Initial ANW (TOC) - 0.0 ppm Well was "pre-developed" on 10/14/87 5:30 p.m.

* Final ambient Bkd. = 7.3 ppm to 135 ft. pumped.

* Purge vol = 56.4 (casing vol.) + 26.4 (sand pack vol.) = 82.8 gallons

Bottom Screen = 132.5 Collected by [signature] 10/27/87
Signature

Top of sand = 101.0
31.5 Checked by
Signature

Sand pack vol = 31.5 ft x .353 gal/ft = 26.4 gallons

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-65D2 Well 34013

Project RMA OU-POST
Project Number 7A5W 44
Date(s) Developed 10/29/87
Date Installed 10/14 87
Personnel (Name/Company) DWW/ESE
WTV/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 37 ft.
8¾ in. 37 ft. to 53 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 106.4 ft. to 132.5 ft.
Pump (Type/Capacity) GRUNDFOS / 200 GPM
___ ft. to ___ ft.
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.3 ft.
Measured Well Depth TOC (Initial) 134.6 ft.
Bottom of Screen (Below G.L.) 132.5 ft.
(Final) 134.41 ft.
Water Level TOC/Date/Time (Initial) 48.3 / 10-26-87 / 1500
(after 24 hrs.) 49.49 11-2-87 1330
Feet of Water in Well 86.3 ft. x 0.663 gallons/foot = 56.35 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 85 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 425 gallons
Added Water 0 gallons
Total Purge Volume 765 gallons
Casing/Anulus Volume 56.4 gallons
Volume Measured By SS BAILOW DRUMS
Surge Technique BAIL / LOWER PUMP

Calibration: pH Meter Used: BECKMAN 45 SN: 0458B3
pH 7.00 = 7.01 at 21.3 °C, pH 10.00 = 10.04 at 21.0 °C
Conductance Meter Used: YSI MODEL 32 ESE #2
Standard 1413 umhos/cm at 25°, Reading ___ umhos/cm at 25 °C

Furge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 425	1132	14.5	10.91	465	cloudy w/ gray silt & fine sand.
510	1140	14.4	10.48	445	partly cloudy w/ fine gray silt & fine sand
595	1148	14.3	9.63	402	partly cloudy w/ very fine gray silt & fine sand.
680	1157	14.3	9.60	370	partly cloudy w/ fine gray silt & fine sand.
765	1205	14.2	9.74	392	partly cloudy w/ fine gray silt & fine sand.
Final					

Remarks: water level = 48.55 (all wells "re-leveled" on 10/87 = 0.22 ft low)
Initial flow Rate (TOC): 7¾ 48 50 135 ft
Final flow Rate: 7¾ 48 50 135 ft

** 1 Purge vol: 56.4 casing vol
+ 26.4 sand pack vol.
83.2 ≈ 85 gallons.

Collected by _____ Signature 11/2/87
Checked by _____ Signature 3/8/88

C-164

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

BOREHOLE SUMMARY LOG

Borehole EP-66 Well 03012
Project Name and Location RMA Section 34 N.W. Ind. Area Project Number T41
Drilling Company Boyle Bros Driller B. Roach Rig Number Failing 500
Drilling Method(s) continuous core

Size(s) and type(s) of bit(s) 5 7/8" Tricone, 12 1/4" Auger
Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 16.7 ft. ____ cm.
3 3/4" in. ____ cm. 16.7 ft. ____ cm. to 160.0 ft. ____ cm.
Sampling Methods core
Total Number Soil Sampling Tubes —
Total Number Core Boxes 14
Number of Gallons Lost Drilling Fluid —
Date/Time Started Drilling 8/12/87 0754
Date/Time Completed Drilling 8/17/87 0956
Total Borehold Depth 160 ft. ____ cm.
Depth to Bedrock 13.7 ft. ____ cm.
Depth to Water — ft. ____ cm.
Water Level Determined By? —
Borehole Completed as Monitoring Well? No
Date/Time Grouting Completed 8/18/87 0759
Depth of Tremmie Pipe 155'
Gallons of Grout 140
Materials Used 10 bags of cement, 150 gal H2O, 1 bucket bentonite
Comments grouted to ground surface

Wellsite Geologist Steve Pass Date 9/16/87
Checked for Grout Settlement on 9/16/87 by Steve Pass
Amount of Grout Added None - grout at ground surface
All Measurements from Ground Level

Reviewed by ____ Date ____
Drill Site Geologist ____ Date ____

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 1 OF 2

Borehole: EP-66 Well Number: 03012

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1 0.0'-2.0'	0.9/2.0	Same as tube number	Same as tube interval	SM	Silty SAND, 20% silt, fine to coarse grained sand, 10YR 4/3, dark brown, dry, very loose, non plastic
2					SM	Silty SAND, 15% silt, fine to coarse grained SAND, 10YR 5/6, yellowish brown, dry, loose, non plastic
3	2 2.0'-4.0'	2.0/2.0				
4						
5	3 4.0'-6.0'	2.0/2.0				
6						
7	4 6.0'-8.0'	2.0/2.0			SC	Clayey SAND, 30% clay, fine to coarse SAND, 10YR 6/6, Brownish yellow, moist, medium dense calcareous stringers and nodules, low plastic
8						
9	5 8.0'-10.0'	2.0/2.0				
10						
	6 10.0'-12.0'	1.7/2.0				

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Drill Site Geologist: Steven Gaus Date: 8/12/87

Reviewed By: [signature] Date: 9/1/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7392 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-66 Well Number: 03012

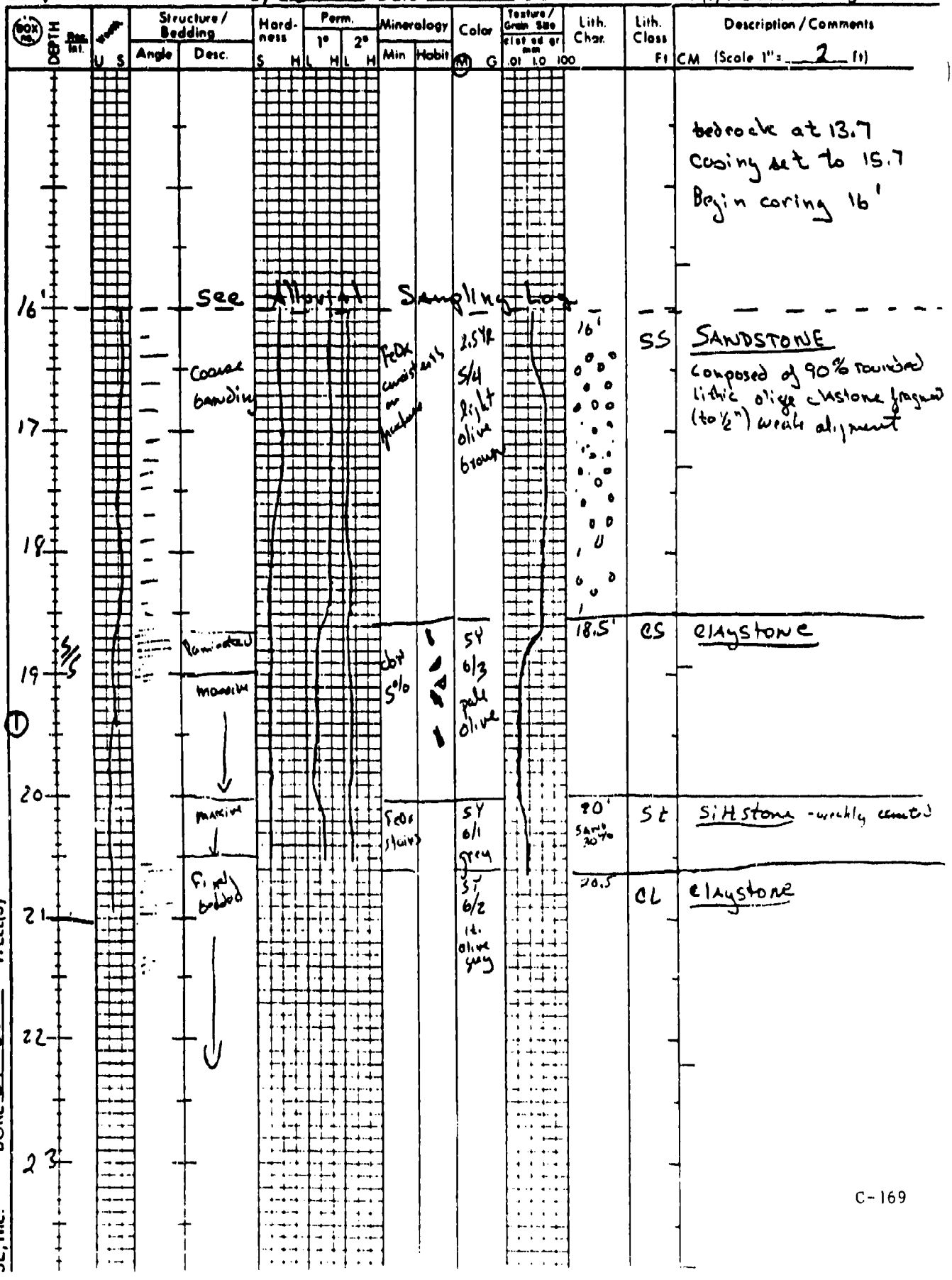
Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	6 12.0'-12.8'	1.7'/2.0'	Same as tube number	Same as tube entered	SC	Clayey Sand (see pg. 1)
12					CL	Clay, 30% sand, fine to very coarse grained, 5% small gravel, 10YR 8/2, white, ~~medium~~ stiff, moist, medium plastic, very calcareous
13	7 12.8'-14.8'	2.0'/2.0'			CL	Clay w/ medium to coarse chalcedony clasts, 10YR 6/6, brownish yellow, very stiff, moist, medium plastic, calcareous nodules
14						Sandstone Bedrock, 20% silt, w/ laminated clay lenses 10YR 5/6 yellowish brown, 3% carbon fragments, 5% mica, calcareous stringers
15	8 14.8'-16.0'	2.0'/2.0'				
16						TOTAL DEPTH 16.0'

Drill Site Geologist: Steve Pace Date: 8/12/87

Reviewed By: [illegible] Date: [illegible]

C-168

ESE, Inc. CORE LOG By SP Date 8/17/87 BORE EP- Well(s) _____ Page 1 of 15



BORE EP-66 WELL(S)

SE, Inc.

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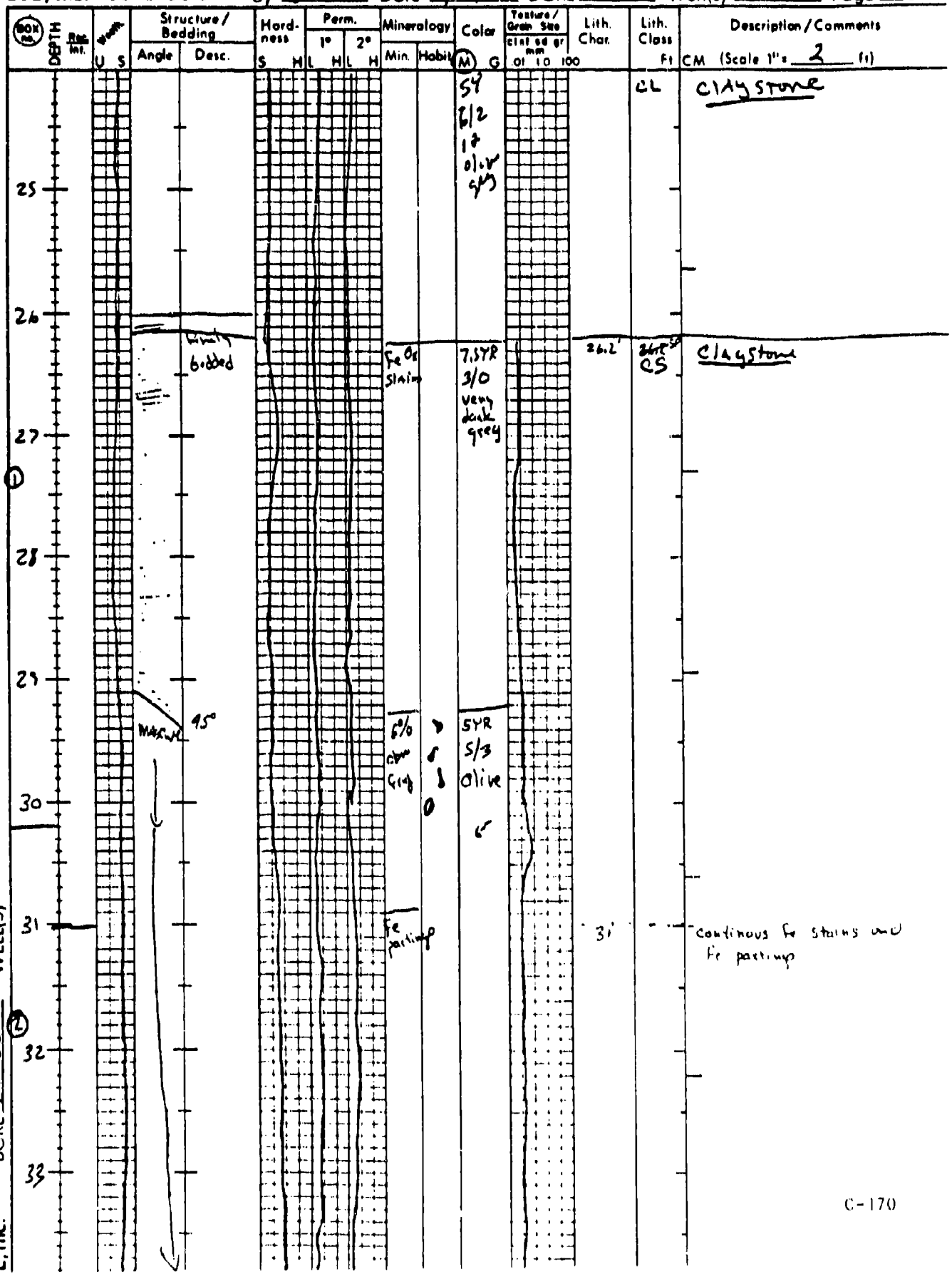
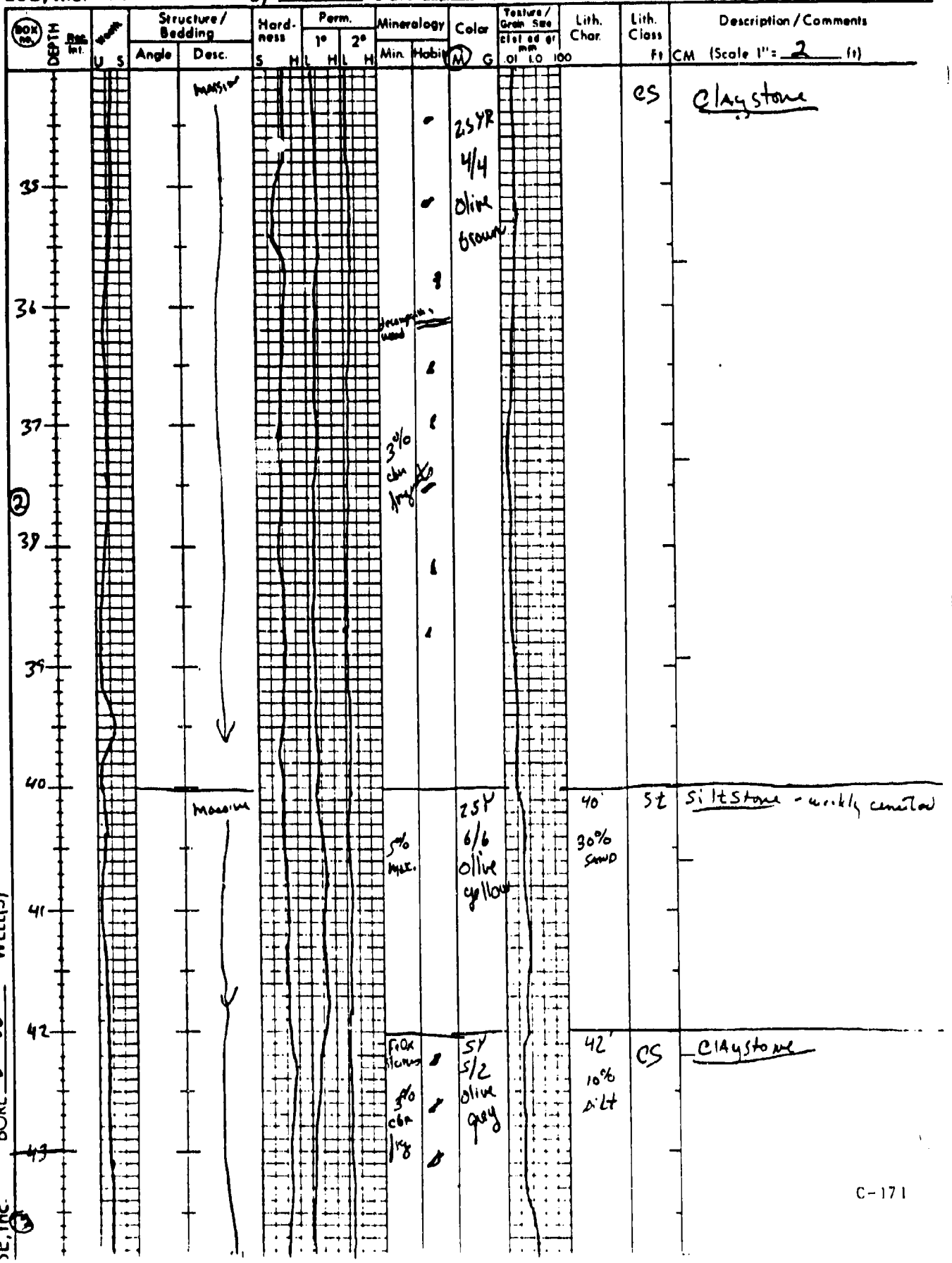
ESE, Inc. CORE LOG By SP Date 8/17/87 BORE EP-66 Well(s) _____ Page 2 of 15



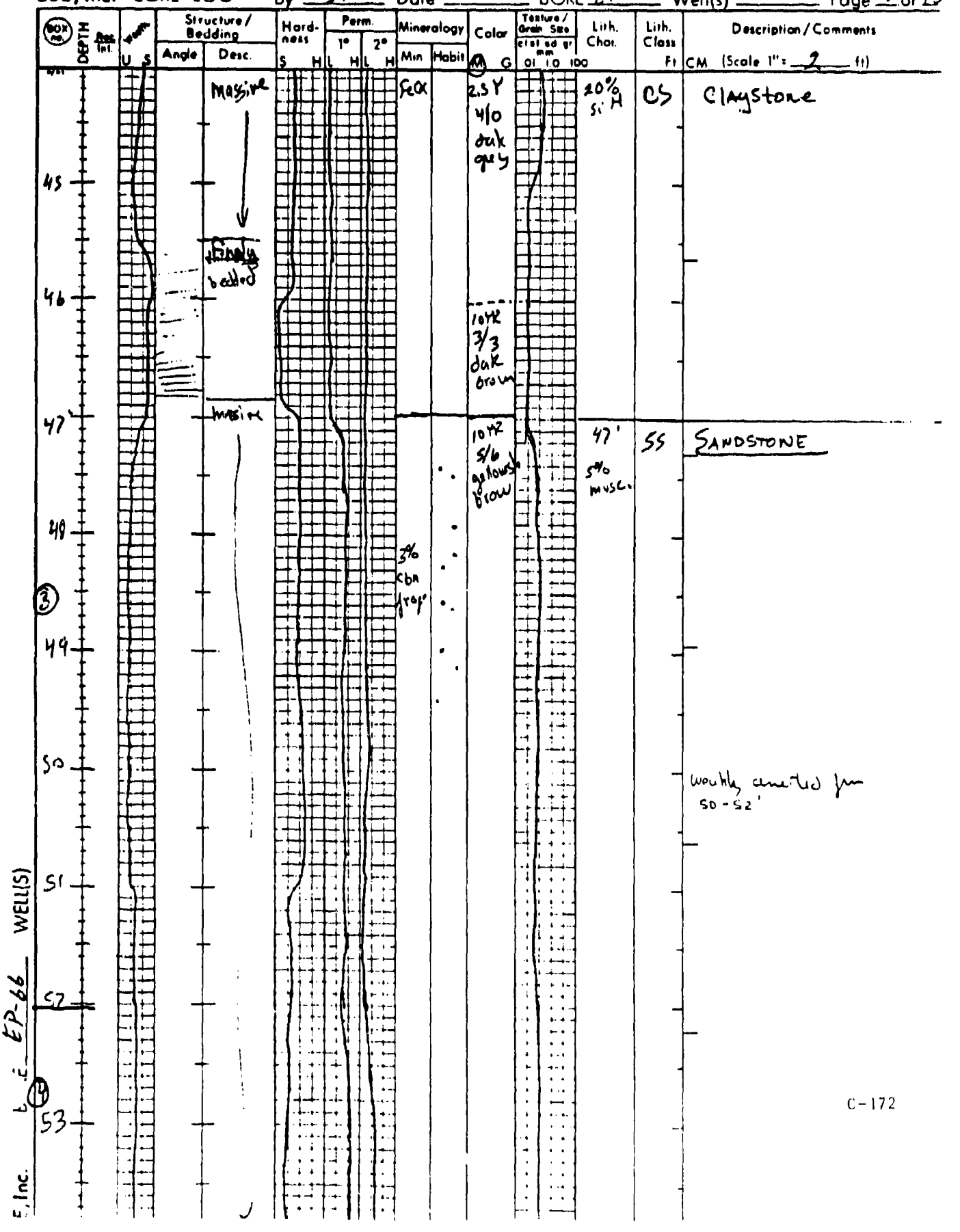
C-170

ESE, Inc. CORE LOG By SD Date 8/17/84 BORE EP-66 Well(s) _____ Page 5 of 12



C-171

ESE, Inc. CORE LOG By SP Date 8/17/10 EP-66 BORE EP-66 Well(s) _____ Page 9 of 15



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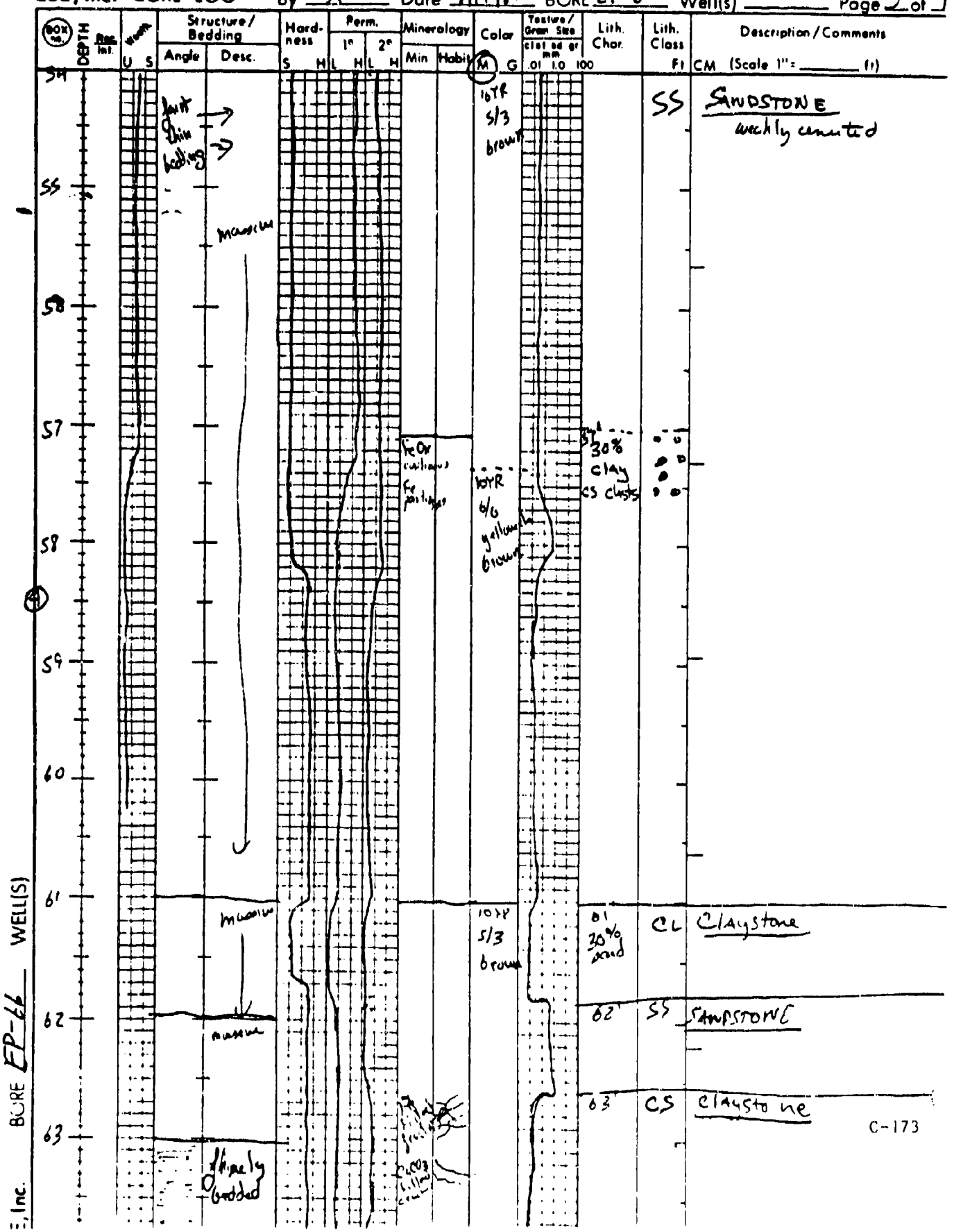
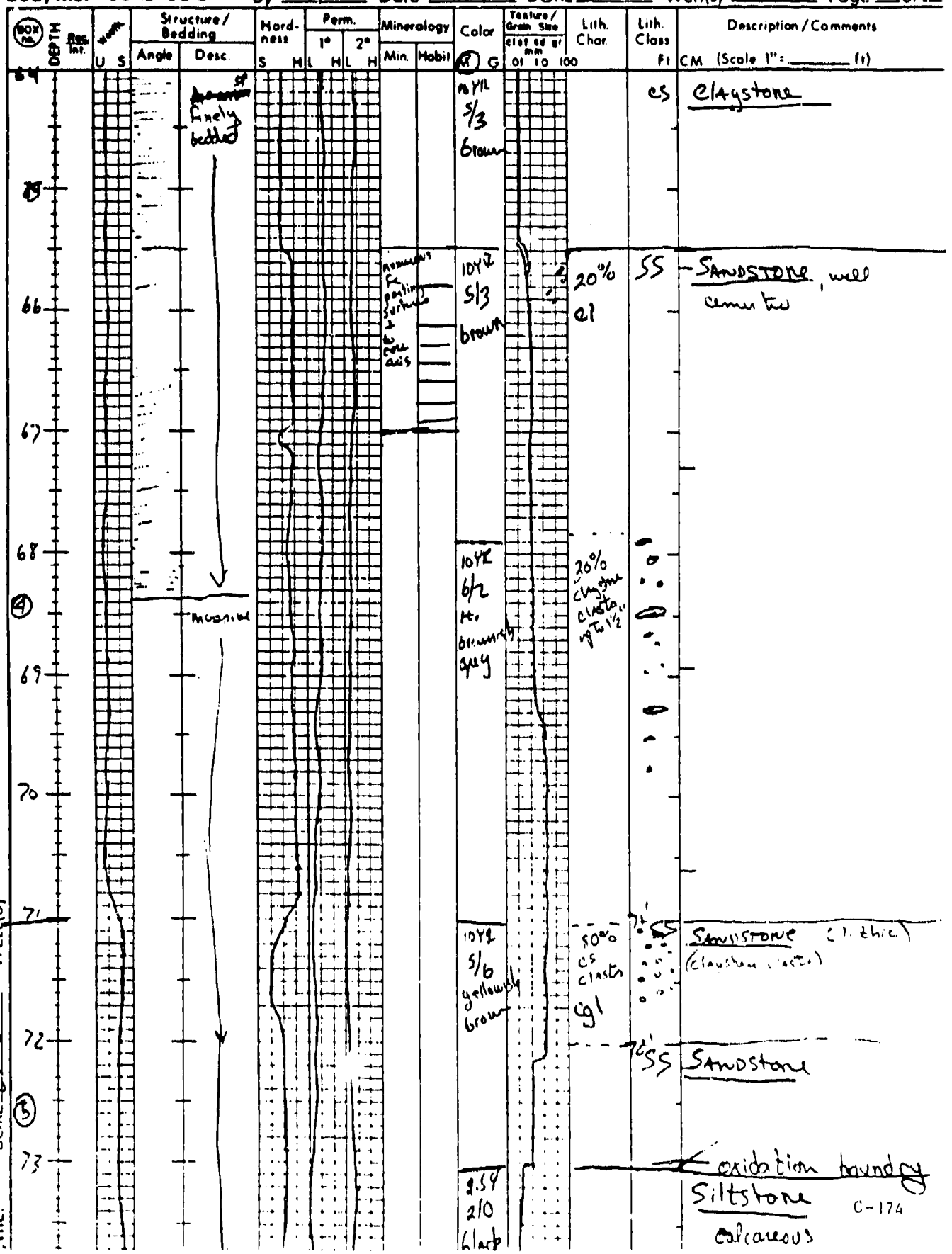
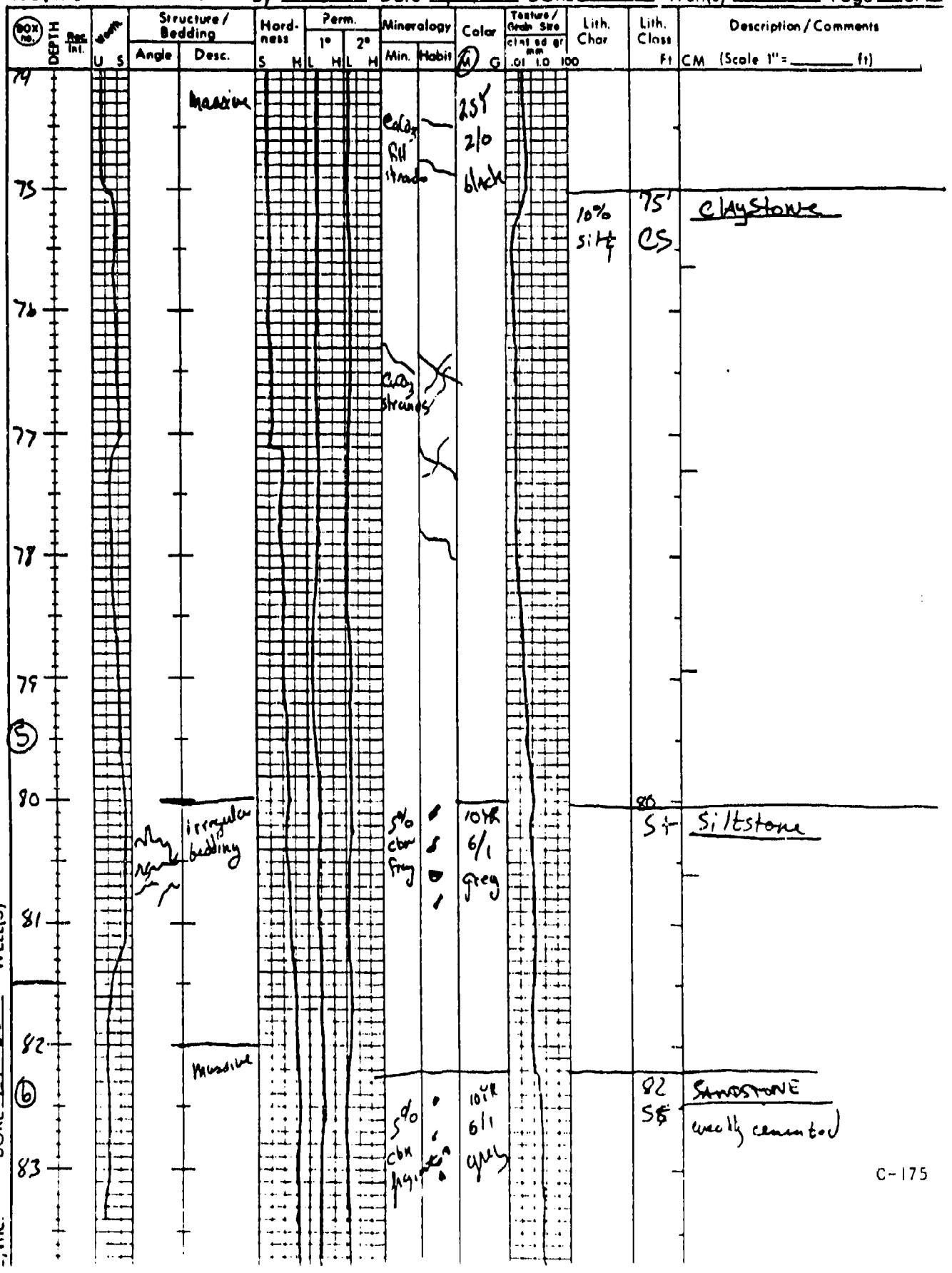
ESE, Inc. CORE LOG By SP Date 9/17/87 BORE EP-66 Well(s) _____ Page 5 of 7



ESE, Inc. CORE LOG By SP Date 8/17/87 BORE EP-66 Well(s) _____ Page 6 of 15



ESE, Inc. CORE LOG By SP Date 8/17/87 BORE EP-66 Well(s) _____ Page 7 of 15



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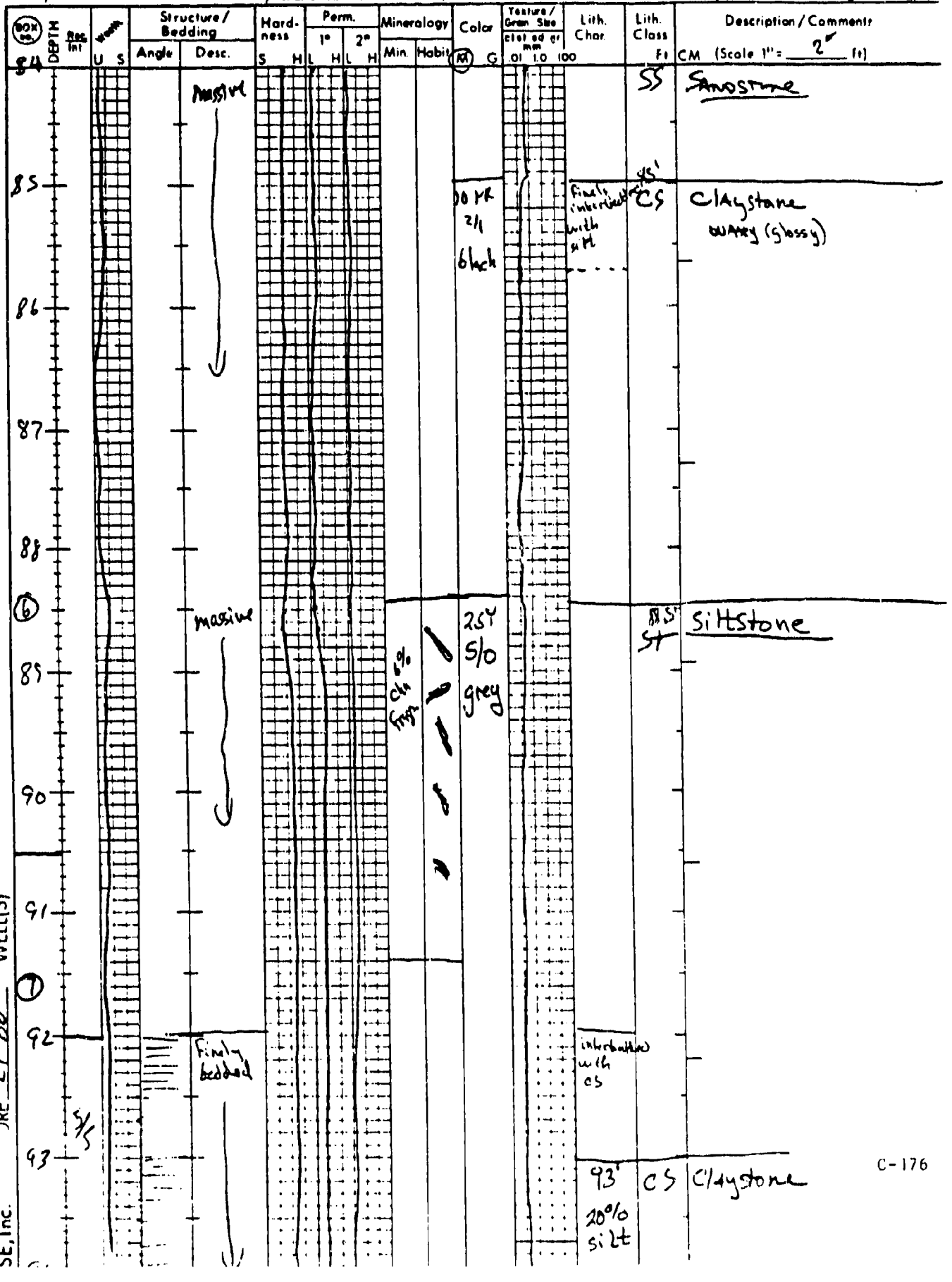
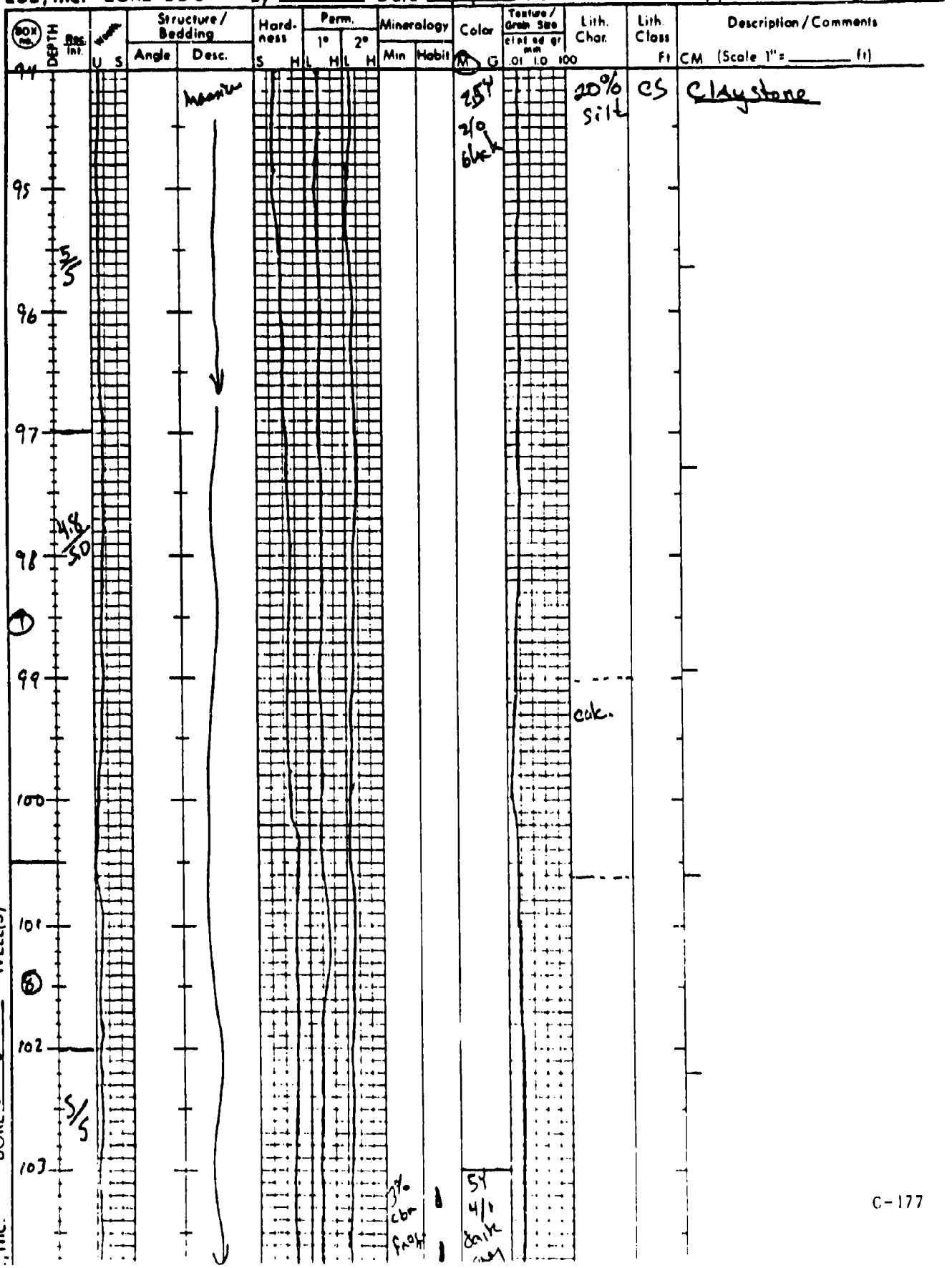
ESE, Inc. CORE LOG By _____ Date _____ BORE _____ Well(s) _____ Page _____ of _____

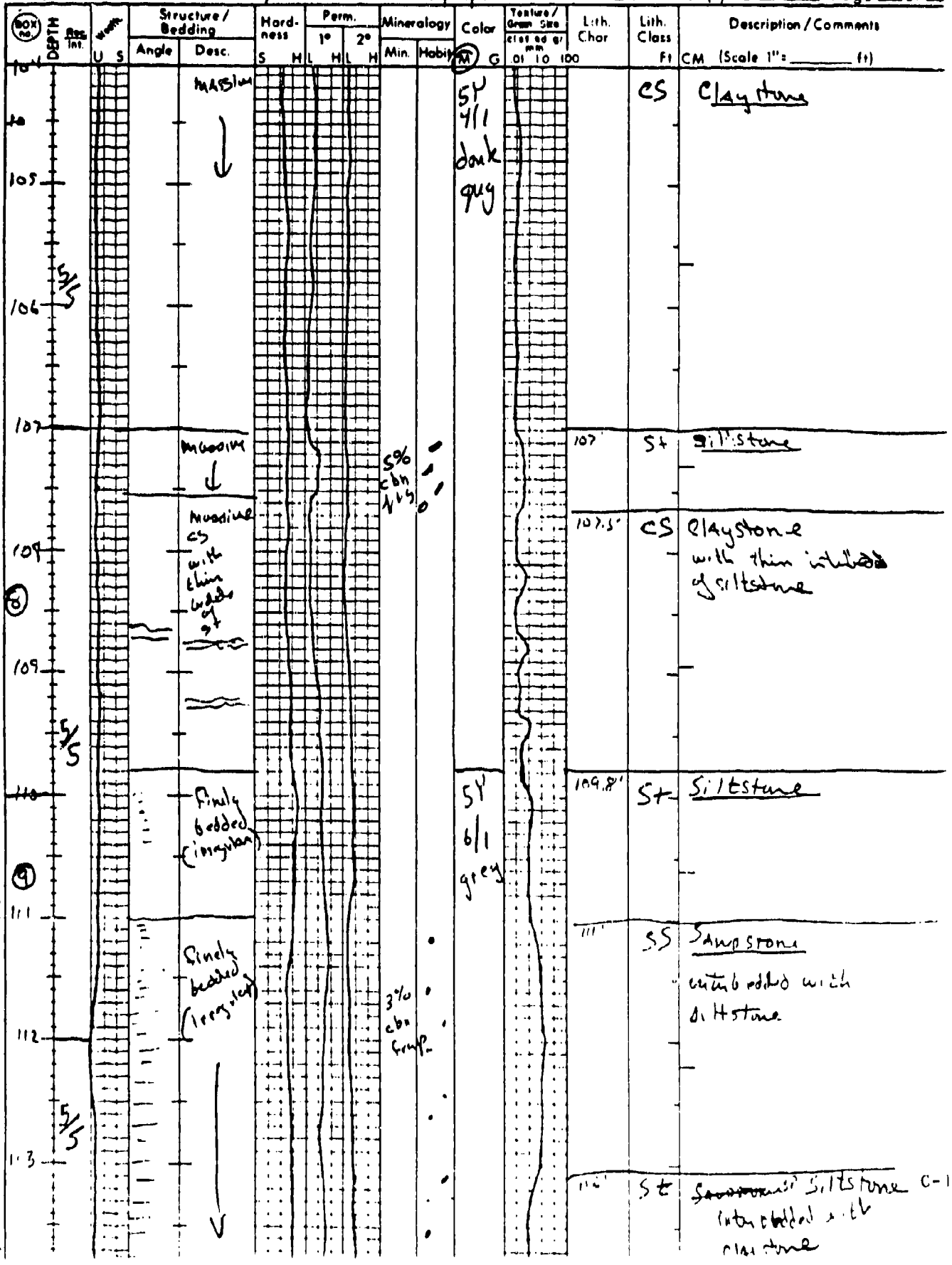


C-176

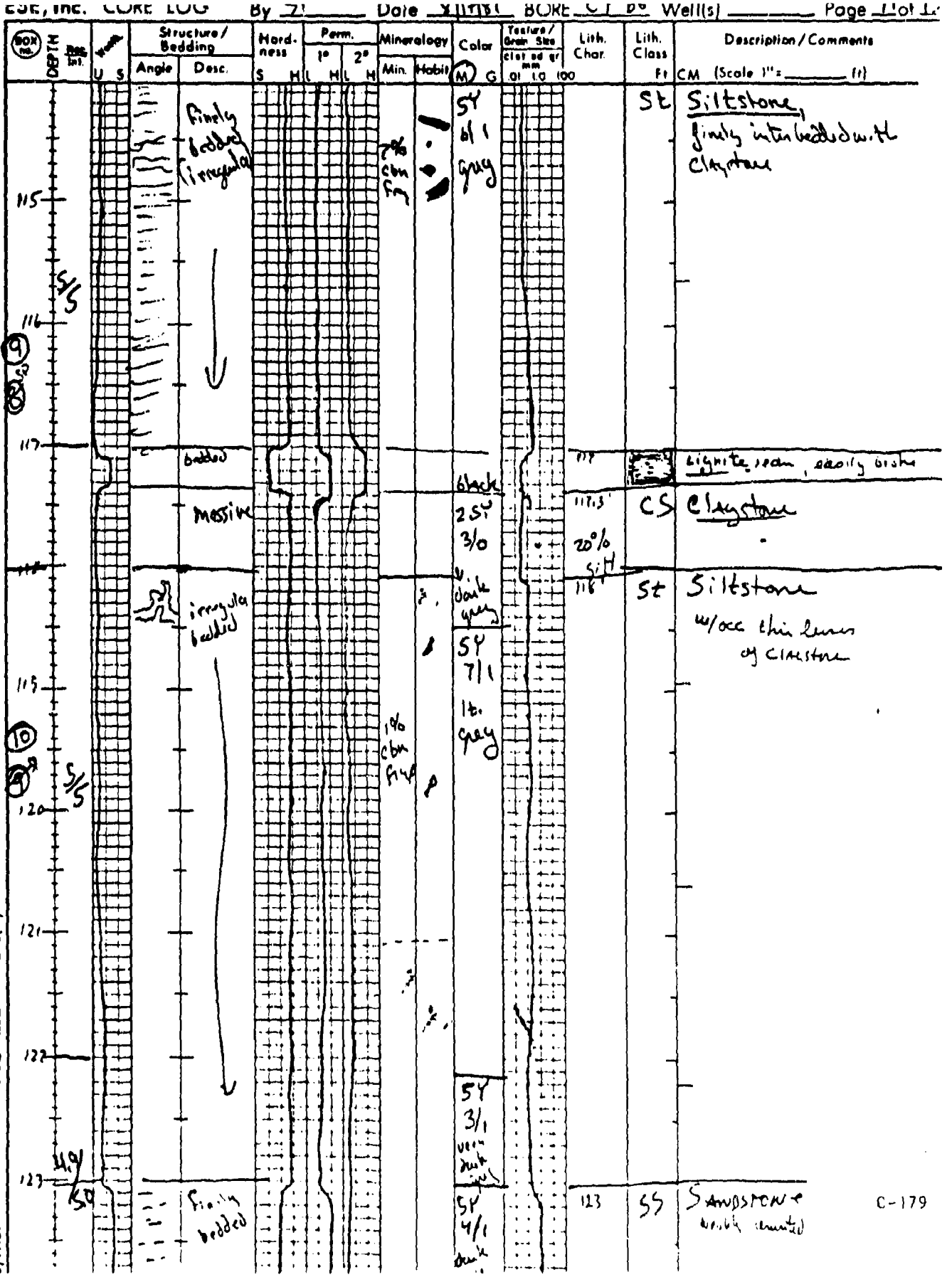
ESE, Inc. CORE LOG By S.Y Date 9/8/97 BORE EP-66 Well(s) _____ Page 9 of 10



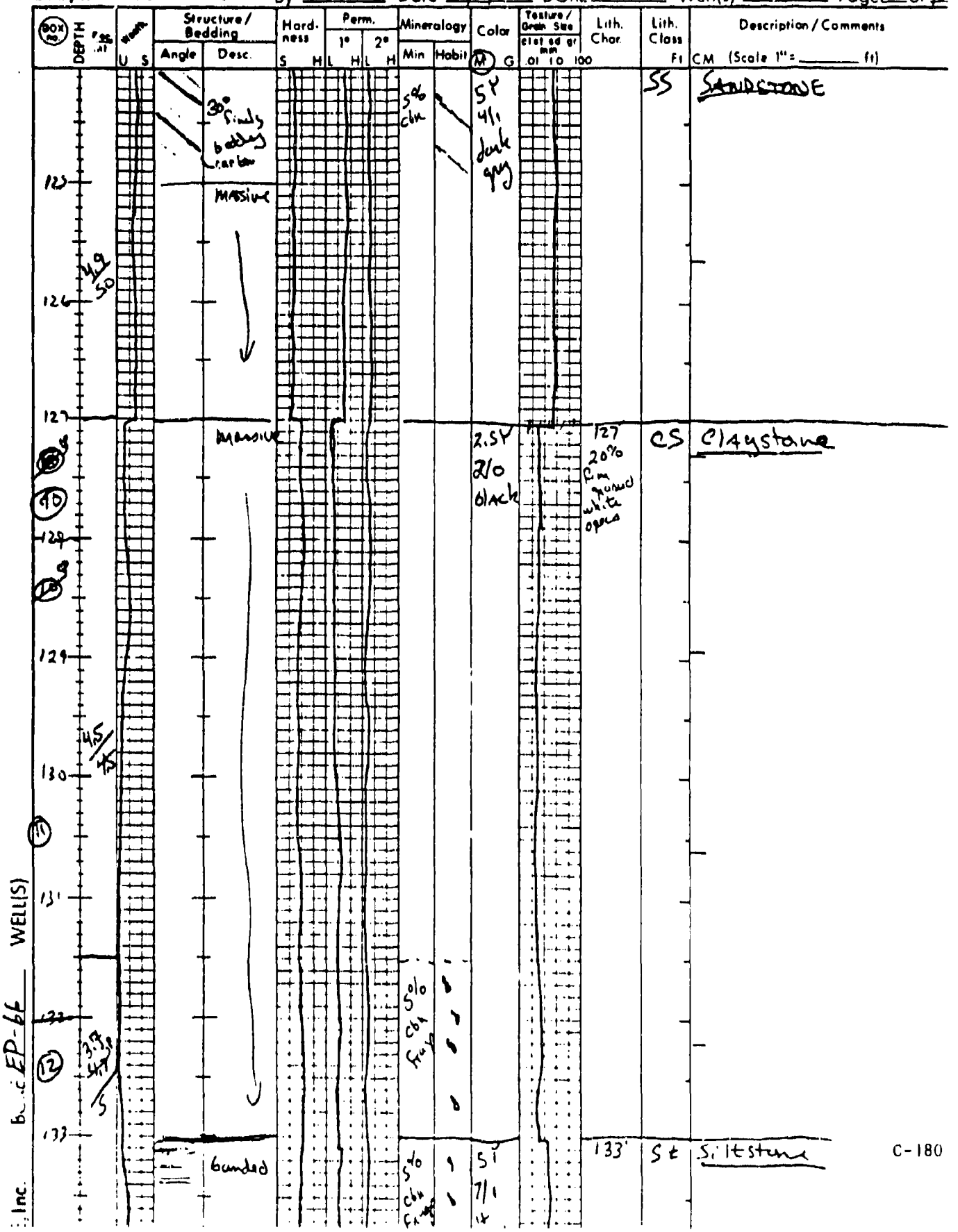
ESE, Inc. CORE LOG By SJ Date 8/10/88 BORE EP-66 Well(s) _____ Page 2 of 2



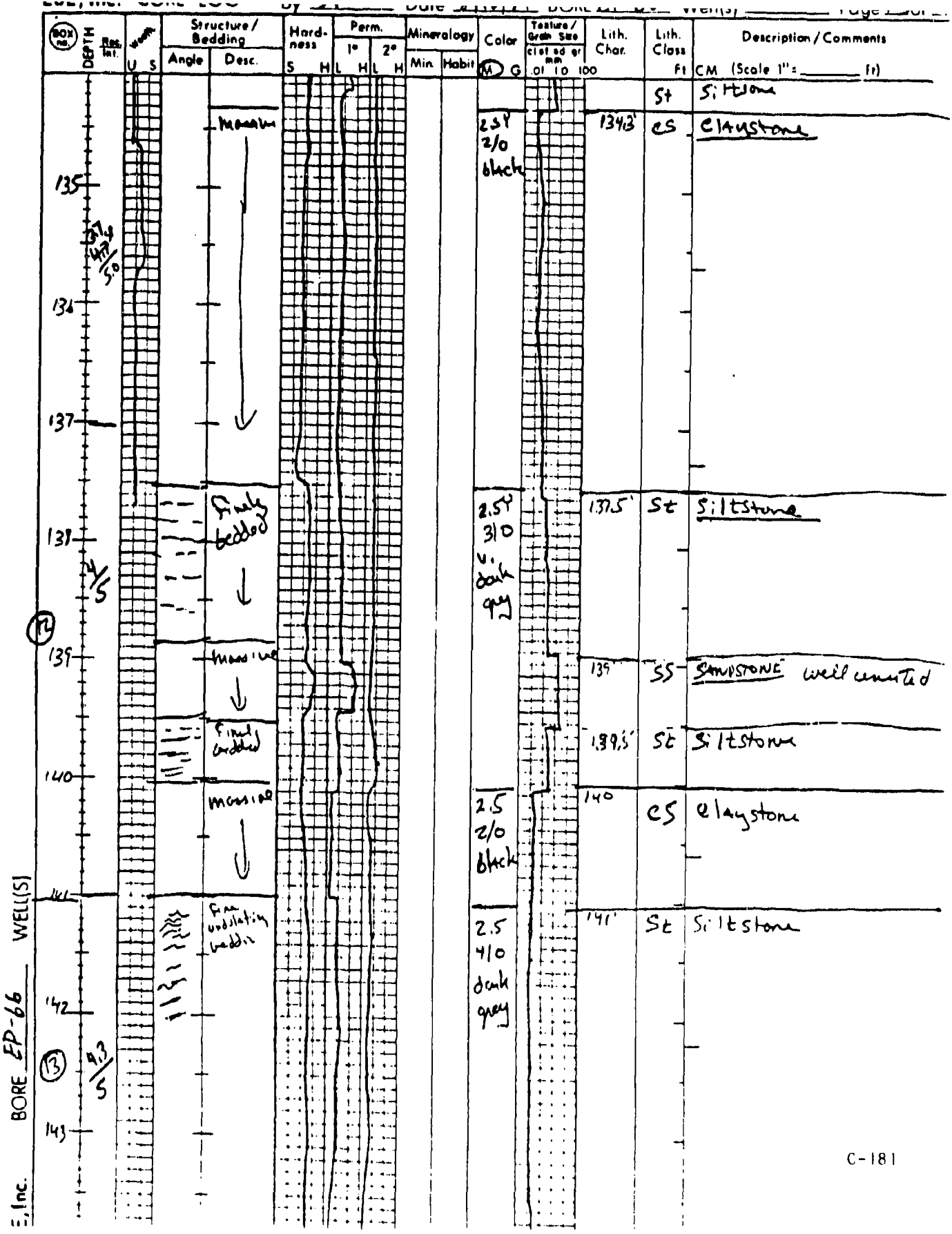
ESE, Inc. CORE LOG By ZI Date 8/17/81 BORE C-179 Well(s) _____ Page 1 of 1

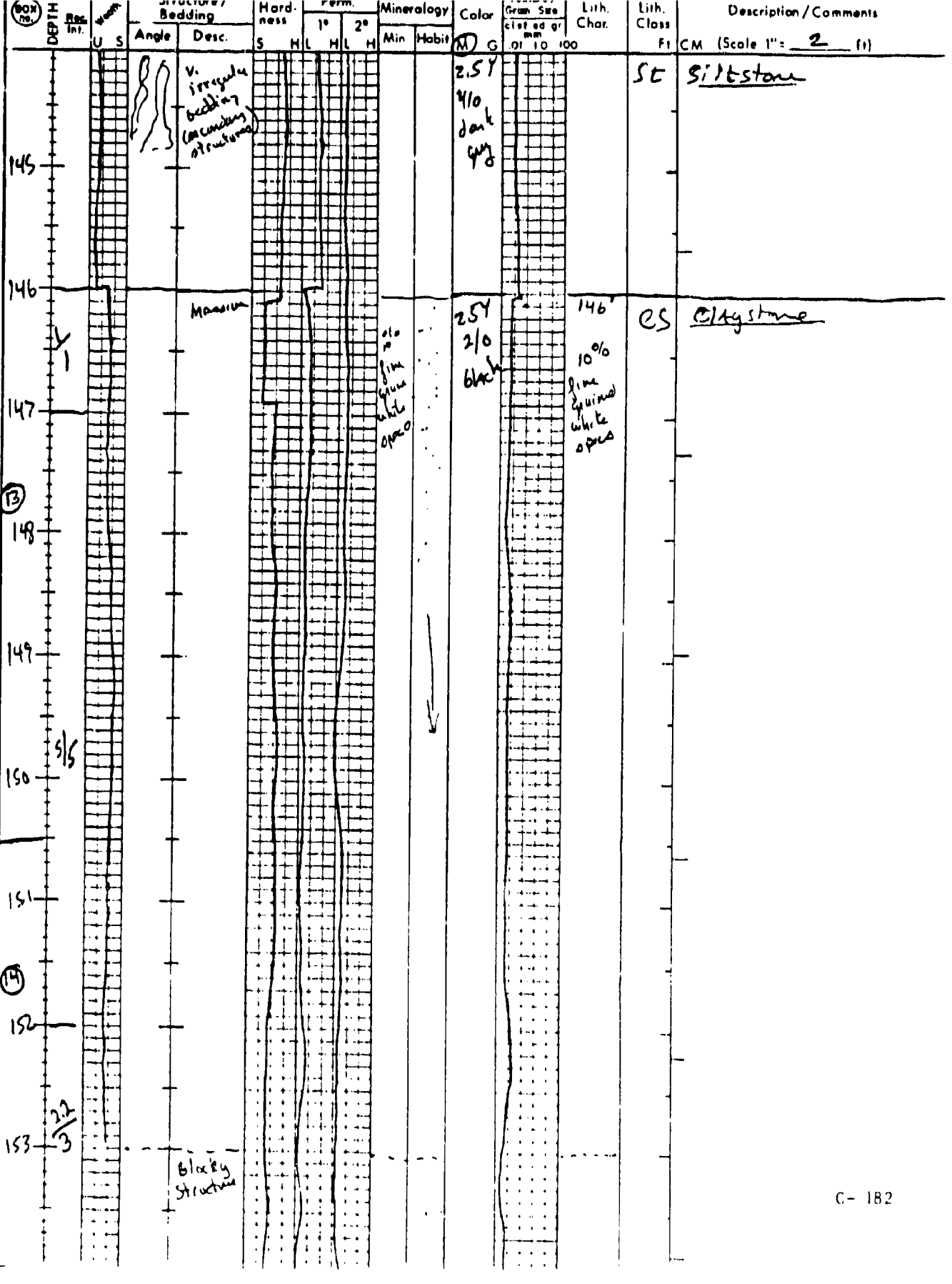


ESE, Inc. CORE LOG By SY Date 8/17/11 BORE EP-66 Well(s) _____ Page 2 of 12



C-180


BORE EP-66 WELL(S)
DEPTH
Rec. Int.
Structure / Bedding
Angle
Desc.
Hard-ness
Perm.
Mineralogy
Min
Habit
Color
Texture / Grain Size
Lith. Char.
Lith. Class
Description / Comments
CM (Scale 1" = ft)
135
136
137
138
139
140
141
142
143
massive
finely bedded
massive
finely bedded
massive
fine undulating bedding
2.5Y 2/0 black
2.5Y 3/0 v. dark gray
2.5 2/0 black
2.5 4/0 dark gray
St
Siltstone
1343'
cs
claystone
1375'
St
Siltstone
139'
ss
SANDSTONE well cemented
1395'
St
Siltstone
140
cs
claystone
141'
St
Siltstone


Description / Comments
(Scale 1" = 2 ft)
Lith. Class
Lith. Char.
Color
Mineralogy
Hardness
Perm.
Structure / Bedding
Angle
Desc.
DEPTH
Rec. Int.
WELL(S)
ESE, Inc.
CORE EP66
St
Siltstone
Cs
Claystone
2.5Y 4/0 dark gray
2.5Y 2/0 black
v. irregular bedding (secondary structures)
Massive
blocky structure
10% fine grained white opaco
146'
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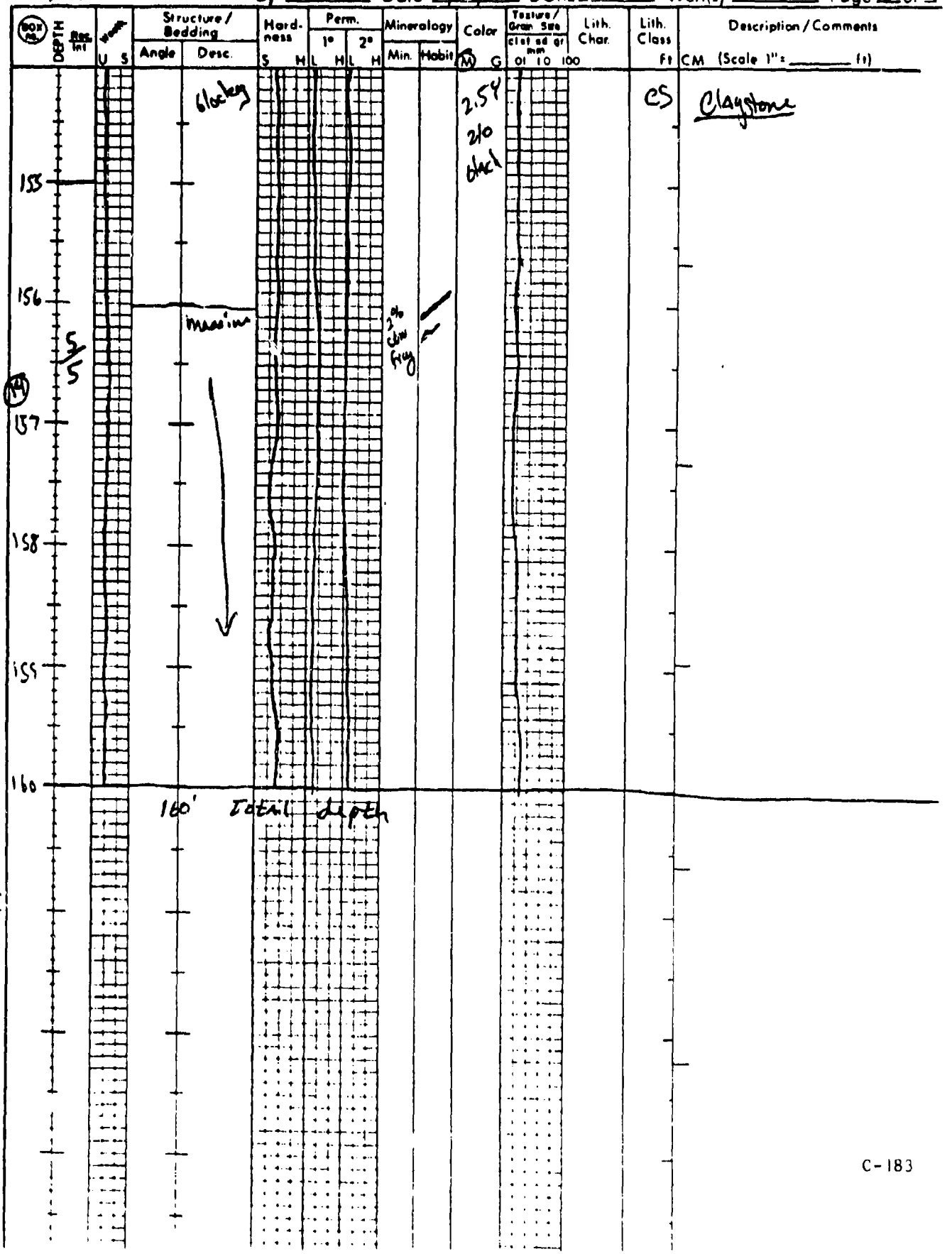
ESE, Inc. CORE LOG By SP Date 8/18/87 BORE EP-66 Well(s) _____ Page 15 of 15



E, Inc. BORE EP-66 WELL(S)

C-183

Frontier Logging
Lakewood, Colorado

Date: AUG. 17, 1987

Company: ESE
Well No.: EP-66
Area/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level
Drilling Measured From: Ground Level
Driller Depth: 160 Ft
Bit Size: 3 7/8"
Casing Depth: 16 Ft.
Fluid in Hole: native mud/water
Density/Viscosity:
pH:
Time On: 1015
Time Off: 1055
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood

T.D. Logged: 155 Ft
Natural Gamma: 200 Scale: 20 CPS per inch
Time Constant: 2 Sec
Logging Speed: 15 Ft/Min
Cable Source No/Value: CPS
Probe No: 103-1421
Probe Diameter: 1 5/8"
Detector Type, Size: xtal 3/4 x 1 1/4"
K Factor: 1.60 x 10⁻⁵
Dead Time: 7 Microsec
Water Factor: 1.10
Hole Size: 3 7/8"
Casing Factor:
Hole Size:
Resistance: 200 ohms/5" Ohms per 5 inches
SP: 20 MV/Inch MV per inch

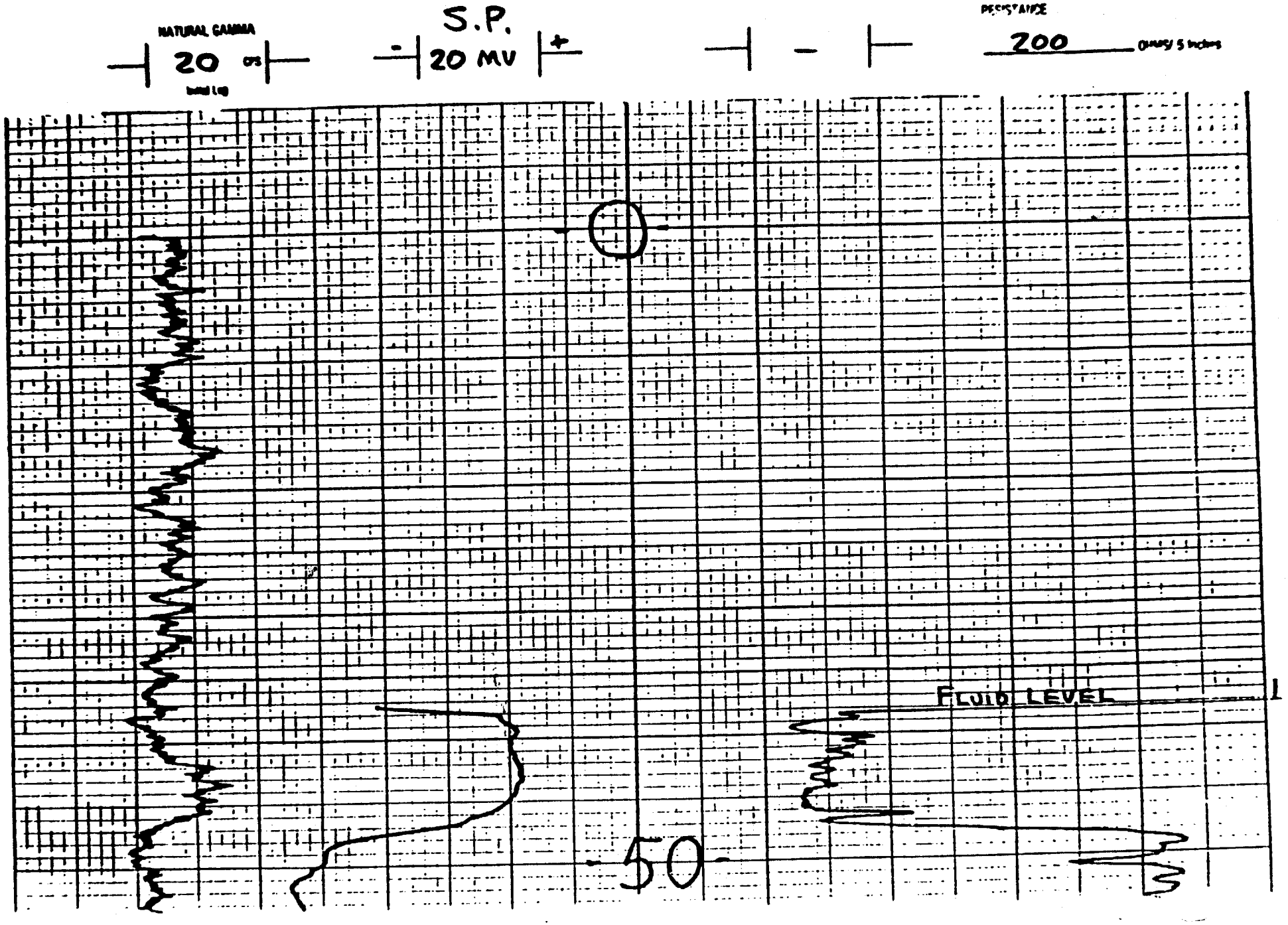
NATURAL GAMMA RUN (Above Log)
(plotted log on scale)

Scale	= CPS/in	TC Sec	Logging Speed Ft/Min	From Ft	To Ft	Total Ft

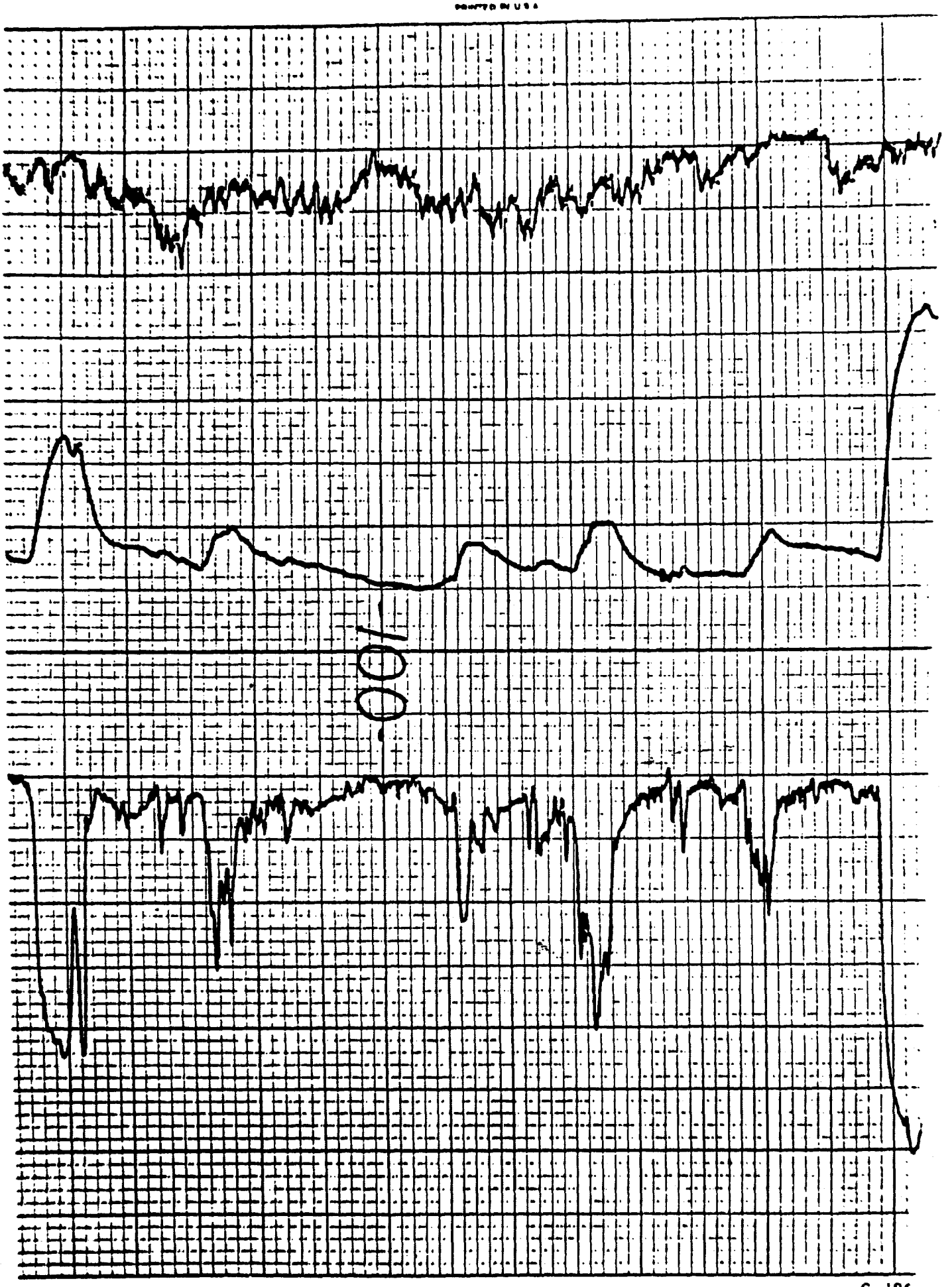
Gamma (Analog) Ft
Gamma (Digital) Ft
Caliper Ft
Temperature Ft
DIRECTIONAL DATA
Closure Ft
Azimuth
True Vertical Ft
Survey Depth Ft

Density Source No
Type
CPS/inch
Neutron Source No
Type
CPS/inch

C-184



BEST AVAILABLE COPY



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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0859

WELL CONSTRUCTION SUMMARY

Borehole EE-6621 Well 03012
Project Name and Location RMA Task 44, NE¼ Sect. 3 Project Number
Drilling Company Boyles Bros. Driller Don Lavine Rig Number IR
Drilling Method(s) Rotary wash

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 19 ft. cm.
7⅞ in. cm. 19 ft. cm. to 63 ft. cm.

Size(s) and types of Bit(s) 12¼, 7⅞ Blade Bits
Size and Type PVC 4" ID Sch 40
Total Borehole Depth 63 ft. cm.
Depth to Bedrock 13.7 ft. cm.
Depth to Water — ft. — cm.
Water Level Determined By —
Length Plain PVC (total) 46.29 ft. cm.
Length of Screen 16.21 ft. cm.
Total Length of Well Casing 62.50 ft. cm.
PVC Stick Up 1.50 ft. cm.
Depth to Bottom of Screen 60.50 ft. cm.
Depth to Top of Screen 44.96 ft. cm.
Depth to Top of Sand 40.0 ft. cm.
Depth to Top of Bentonite 34.0 ft. cm.

Sampling Method(s) Previously cored
Date/Time Start Drilling 10/15/87 1410
Date/Time Finish Drilling 10/16/87 0915
Date/Time Start Completion 10/16/87 0920
Date/Time Cement Protective Casing
Materials Used
Plain PVC 46.29'
Slotted PVC 16.21'
Bentonite Pellets 2 buckets (10 lb.)
Bentonite Granular 8/10 bag (40 lb.)
Cement 8 bags (720 lb.)
Sand 3.5 bags (350 lb.)
Water added during completion 0
Water added during drilling 30 gal. (est.)
Total Gallons of water added 30 gal

Drill Site Geologist A.E. Ostelli Date 10/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 10/21/87 / 1230 / D.W. / MTV
Date/Time/Personnel Casing Painted 10/20/87 / 1430 / D.W. / MTV
Date/Time/Personnel Numbers Painted 10/20/87 / 1600 / MTV.
Materials Used 13 BAGS CONCRETE

Top of Protective Casing to Top of PVC	0.20 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.15 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.64 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.78 ft.	cm.	
Top of Protective Casing to Ground Level	1.78 ft.	cm.	

Reviewed By [signature] Date 2/1-2/88
Drill Site Geologist

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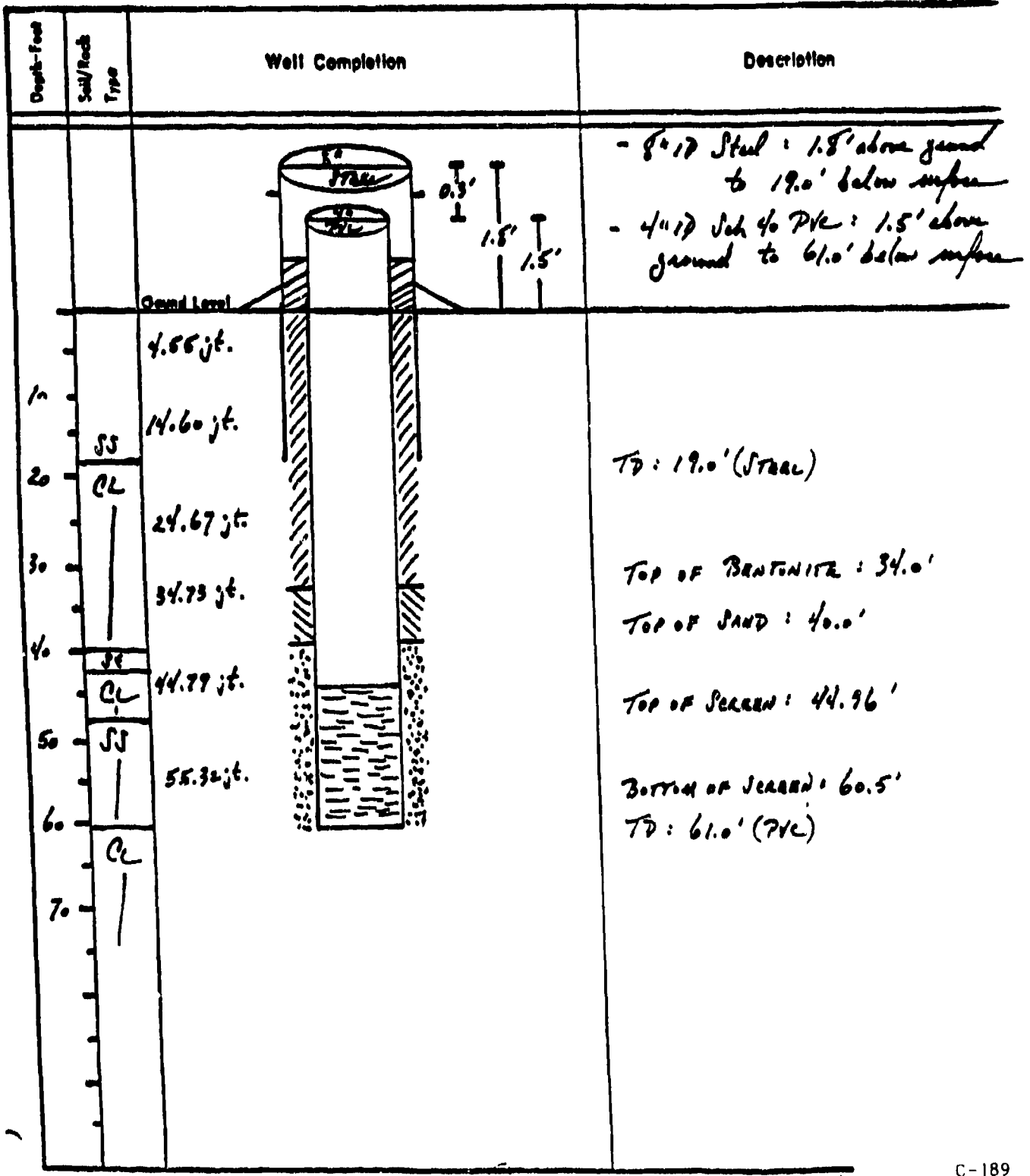
ESE ENVIRONMENTAL SCIENCE AND ENGINEER INC. INC.
7335 SOUTH ALTON WAY · SUITE H-1
ENGLEWOOD, COLORADO 80112 · 303/741-0050

Borehole: 50-6621 Well: 03012



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Drill Site Geologist: A.R. Ritelli Date: 10/16/85

Reviewed By: [signature] Date: 3/12/86

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-66 D1 Well 03012

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 10/29/87
Date Installed 6/16/87
Personnel (Name/Company) DJW/ESE
WTV/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 19 ft.
7⅞ in. 19 ft. to 63 ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 44.96 ft. to 60.5 ft.
Pump (Type/Capacity) GRUNDFOS 20 GPM
___ ft. to ___ ft.
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.50 ft.
Measured Well Depth TOC (Initial) ~~62.69~~ ft. 62.49
Bottom of Screen (Below G.L.) 60.5 ft.
(Final) 62.50 ft.
Water Level TOC/Date/Time (Initial) 39.04 / 10-29-87 / 0820
(after 24 hrs.) 39.01 / 11-2-87 / 1310
Feet of Water in Well 23.65 ft. x 0.653 gallons/foot = 15.44 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 62.9 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 314.5 gallons
Added Water 30 gallons
Total Purge Volume 440 gallons
Casing/Anulus Volume 15.44 gallons
Volume Measured By 55 gallon Drum
Surge Technique RAISE / lowered pump

Calibration: pH Meter Used: Beckman ϕ 21 SN: 04582
pH 7.00 = 7.02 at 19.2 °C. pH 10.00 = 10.00 at 19.1 °C
Conductance Meter Used: YSI MODEL 32 ESE #2
Standard 1413 umhos/cm at 25° Reading 1412 umhos/cm at 21 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 5 GAL.	0842	15.0	9.89	373	muddy w/ brown silt & some sand
65 GAL.	0854	14.2	7.79	844	very cloudy w/ brown silt & some fine sand
130 GAL.	0910	13.5	7.34	894	cloudy w/ brown silt, some fine sand
195 GAL.	0918	13.3	7.47	917	cloudy w/ brown silt & some fine sand
260 GAL	0924	13.5	7.28	952	cloudy w/ brown silt, fine sand
Final 325 GAL.	0930	13.6	7.11	959	cloudy w/ brown silt & fine sand

Remarks: Turbidity (NTU) = 0 ppm

Sandpack = Bot of Screen = 60.5 ft
- Top of Sand = 40.0 ft
20.50 ft.

Sandpack vol = 20 ft x .852 gal/ft = 17.46 gal.

Collected by [signature] 10/29/87
Signature

Checked by _____
Signature

1 Filter vol. = 15.44 Casing vol.
+ 17.46 Sandpack vol.

C-190

WELL DEVELOPMENT DATA

Bore EP-66 DL Well 03012

Project RMA1 GW - POST
Project Number TASK 44
Date(s) Developed 10/29/87
Date Installed 10/16/87
Personnel (Name/Company) DLW / ESE
Well Diameter (I.D.) 4 in.
LOTT / ESE
Anulus Diameter 12¼ in. 0 ft. to 19 ft.
Rig Used ESE WELL SERVICE TRUCK
7⅞ in. 19 ft. to 63 ft.
Pump (Type/Capacity) GRUNDFOS / 26 GPM
Screen Interval 44.96 ft. to 60.5 ft.
Bailer (Type/Capacity) N/A
____ ft. to ____ ft.
Water Source RMA
Casing Height (Above G.L.) 1.50 ft.
Measured Well Depth TOC (Initial) 62.44 ft.
Bottom of Screen (Below G.L.) 60.5 ft.
(Final) 62.50 ft.
Water Level TOC/Date/Time (Initial) 39.04 / 10-29-87 / 0520
(after 24 hrs.) 39.01 / 11-02-87 / 1310
Feet of Water in Well 23.65 ft. x .0653 gallons/foot = 15.44 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 102.9 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 214.5 gallons
Added Water 30 gallons
Total Purge Volume 440 gallons
Casing/Anulus Volume 15.44 gallons
Volume Measured By 55 GAL. DRUM
Surge Technique RAISE / LOWER RMP

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 015883
pH 7.00 = 7.02 at 14.1 °C, pH 10.00 = 10.07 at 14.2 °C
Conductance Meter Used: YSI MODEL 33 S&C #2
Standard 1413 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 340	0435	13.4	7.22	470	partly cloudy w/ some brown fine sand/silt
440	0441	13.7	7.31	471	partly cloudy w/ some brown fine sand
Final					DLW

Remarks: Recalibrated pH meter @ two gallons - Mid slope button instead of pH buttons.

* 1 Purge vol = 15.44 casing vol
= 12.46 sandpack vol
= 3.00 added water
30.9 ~ 31 gallons

Collected by [signature] 10/29/87
Signature Date
Checked by [signature]
Signature

C-19

ENGLEWOOD, COLORADO 80112•303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP 67 A Well 35087

Project Name and Location RMA T44 Well Installation Project Number 105306/10

Drilling Company Boyles Driller R. Muckey Rig Number 4W

Drilling Method(s) 3¼" ID HS Augers

Size(s) and type(s) of bit(s) 3¼" ID HS Bit

Borehole Diameter 6 in. ____ cm. ____ ft. 0 cm. to 36.5 ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Sampling Methods Polybutyrate tubes in continuous samples

Total Number Soil Sampling Tubes 16

Total Number Core Boxes 2

Number of Gallons Lost Drilling Fluid None

Date/Time Started Drilling 11-11-87 / 1323

Date/Time Completed Drilling 11-11-87 / 1517

Total Borehold Depth 36.5 ft. ____ cm.

Depth to Bedrock 36.5 ft. ____ cm.

Depth to Water 32.5 ft. ____ cm.

Water Level Determined By? Steel tape

Borehole Completed as Monitoring Well? ✓

Date/Time Grouting Completed 11-11-87 / 1602

Depth of Tremmie Pipe 16'

Gallons of Grout 24 gal

Materials Used Type I 7 bags concrete 1/4 bag bentonite

Comments

Wellsite Geologist [illegible] Date [illegible]

Checked for Grout Settlement on 11-12-87 by [illegible]

Amount of Grout Added [illegible]

All Measurements from Ground Level

Reviewed by [signature] Date 3/2/88

Drill Site Geologist

C-193

ESE 7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP-67 Well

Project Name and Location RMA Project Number

Drilling Company Boyles Bros Driller Bob Leach Rig Number Failing 1500

Drilling Method(s) rotary core

Size(s) and type(s) of bit(s)

Borehole Diameter 7 7/8 in. cm. 0.0 ft. cm. to 35.0 ft. cm.
3 3/4 in. cm. 35.0 ft. cm. to 181.0 ft. cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 10

Number of Gallons Lost Drilling Fluid

Date/Time Started Drilling 10/15/87 1256

Date/Time Completed Drilling 10/20/87 0947

Total Borehold Depth 181.0 ft. cm.

Depth to Bedrock 33.0 ft. cm.

Depth to Water — ft. cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? no

Date/Time Grouting Completed 10/20/87 1340

Depth of Tremmie Pipe 180.0'

Gallons of Grout 174

Materials Used 12 bags of cement, 120 gal H_2O 1.2 bags of bentonite

Comments grouted to ground surface

Wellsite Geologist [illegible] Date [illegible]

Checked for Grout Settlement on 10/[illegible] by [illegible]

Amount of Grout Added 10 gal [illegible]

All Measurements from Ground Level

Reviewed by Peter R. Grant Date 5/16/88

Drill Site Geologist [illegible] Date [illegible]

C-194

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7979 SOUTH ALTON WAY, SUITE 101
ENGLEWOOD, COLORADO 80112 (303) 741-0839

SHEET 1 OF 2

Borehole: EE-67A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0						Munsell Colors
	1-0	2'		1-0		ML, sandy silt, ~5% sand vfg 10YR 4/2 dk grayish brown loose, non-plastic, dry. Minimum trace calcium carb
2	2-2	1'		2-3		No RECOVERY 3 - 6'
4	4-4	0'				
6	5'3 - 7	2'		5'8-9		ML, Sandy silt, ~ 10% sd, 10YR 7/4 yellowish brown medium dense, non-plastic, dry. Minimum w/ ~ 15% calcium carbonate 10YR 8/1 white
8	8'-8'3	0'				No Recovery B-3 to 10'
10	10-12	2'		10-12		SM, silty sand ~ 15% silt, 10YR 4/2 brown dk brown, minimum dense, non plastic, Minimum
12						

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Drill Site Geologist: [illegible] Date: [illegible]

Reviewed By: [illegible] Date: 1/13/92

ENGLEWOOD, COLORADO 80112 • (303) 761-0930

Borehole: EP 67A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
12	H-21	2'		H-21		sm, silty sand, ~ 46% silt 10YR 4/4 dk. yellowish brown med. dense, non-plastic, moist, Alluvium
14	91-M			91-M		@ 14.3' M2, Sandy silt ~ 20% sand 10YR 5/4 ~~yellowish~~ yellowish brown, med. dense, non-plastic moist. Alluvium w/ ~ 10 % calcium carbonate 10YR 8/2 white.
16	91-91	0'				NO RECOVERY 16-18'
18	91-91	2'		91-91		@ 18' [illegible]
20	22-22	0'				NO RECOVERY 20 - 26 Auger to plugged
22	22-22	0'				cuttings silty sand
						cuttings silty clay

C-196

Drill Site Geologist: [illegible] Date: 11/1/91

Reviewed By: [illegible] Date: 11/15/91

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY - SUITE H-1
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SHEET 3 OF 3

Borehole: EP 67 Well Number:

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
24	24-26	0'				cuttings silty clay
26	26-28	0'				No Recovery 26-28 Clay ends @ 26' loose fine grained sand fell out of sampler
28	28-30	1'		28-30		@28 Fine grained Sand. w/ 3/ gravel sized pieces. 10YR 4/3 brown, loose, non-plastic, moist Alluvium. @28.6' Silty clay, 10YR 5/3 brown, med. dense, slightly P moist Alluvium
30	30-32	0'				NO RECOVERY 29'-36.4' Clayey gravel cuttings
32	32-34	0'				@32.5 saturated gravelly sand
34	34-36.5	0.1'		36.4-36.5		
36						@36.4 Weathered material w/ siltstone END OF BORING LOG

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Drill Site Geologist: J. Miller Date: 11 11 87

Reviewed By:

ESE, Inc. CORE LOG By SP Date 10/21/87 BORE EP-67 Well(s) _____ Page 1 of 8

Box (ea.)	DEPTH Rec Int	Recovery U	Recovery S	Structure/Bedding Angle	Structure/Bedding Desc	Hardness S	Hardness H	Perm. 1° L	Perm. 1° H	Perm. 2° L	Perm. 2° H	Mineralogy Min	Mineralogy Habit	Color M	Color G	Texture/Grain Size clay sd gr mm .01 1.0 100	Lith. Chor.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
																			POC out to 36'. Bedrock at ≈33. Began coring w/ 31'. No recovery 31' to 42'
	42				massive									5Y 6/1 medium gray				CS 1448.5'	Claystone
														10YR 7/4 very pale brown			25% SAND	Sl	Siltstone
	44				irregular bedding														
					wisps of silt													1445'	
					massive									10YR 5/4 moderate yellowish brown				SS	Sandstone, medium grained, unconsolidated, friable.
	46																		occasional claystone fragments.
	48																		
	1																	1946'	
														5YR 3/2 grayish brown				CS	Claystone, finely interbedded with lignite
	50																	51.5'	
	52				irregular bedding									N 7/0 light gray with 10YR 6/6 dark yellowish orange			20% SAND 10% CLAY	St	Siltstone interbedded with claystone and sandstone
					thinly bedded														
	54																	53'	
																		SS	No core recovered from 53 to 65.5' 66.5 cuttings consist of unconsolidated sandstone
	56																		
	58																		

E, Inc. CORE EP-67 WELL(S)

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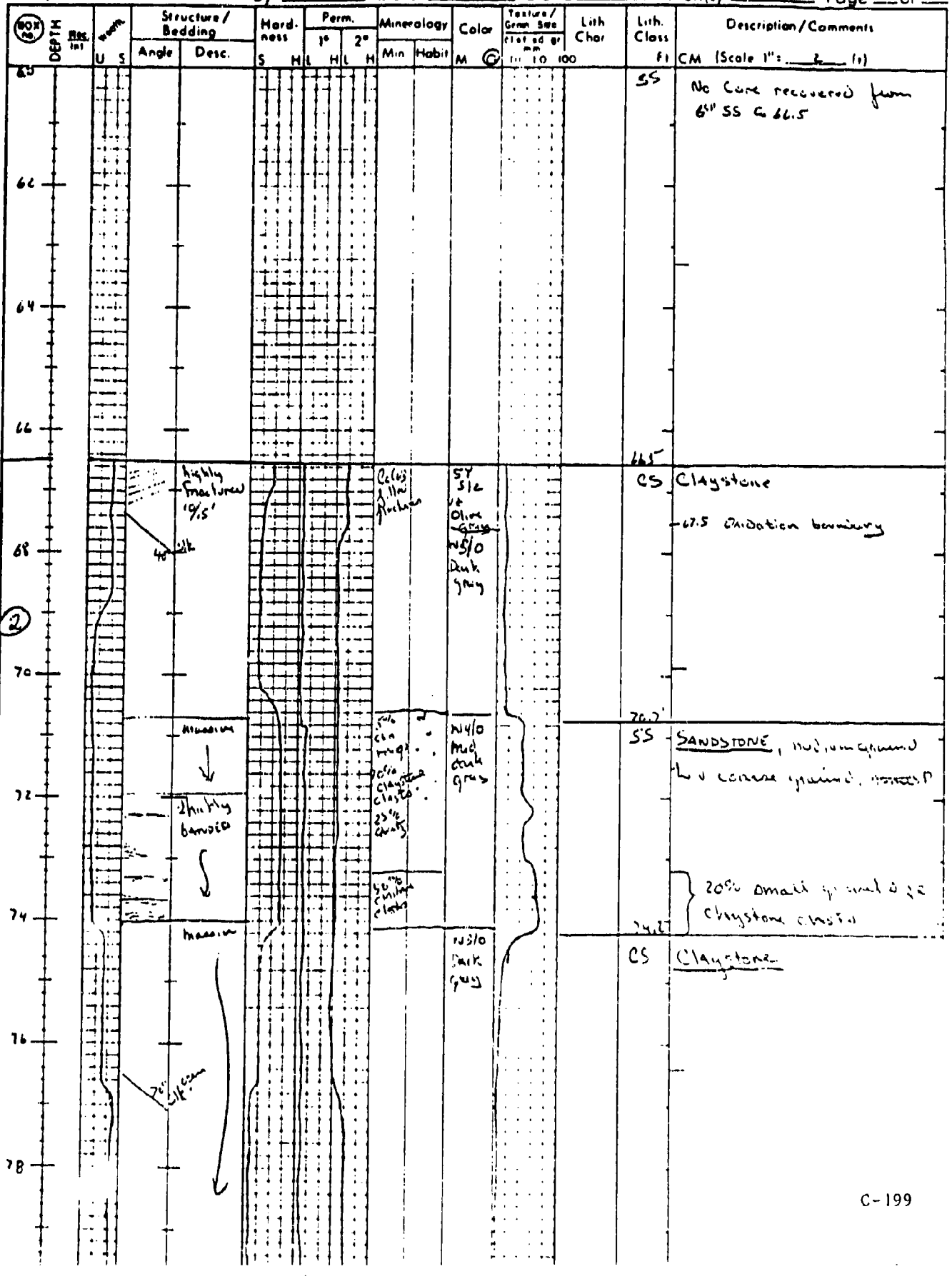
ESE, Inc. CORE LOG By SV Date 10/21/84 BORE EP-67 Well(s) _____ Page 2 of 2



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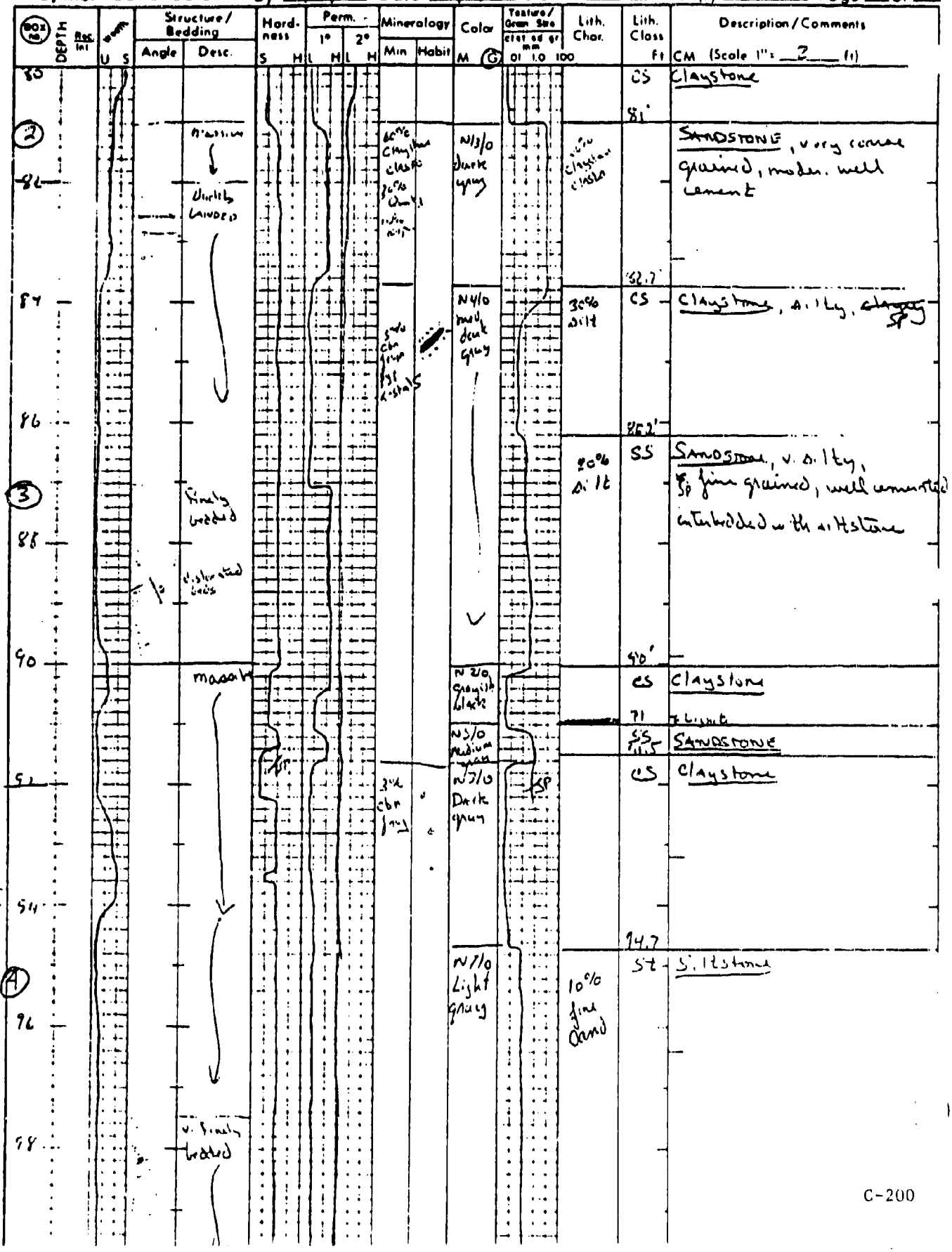
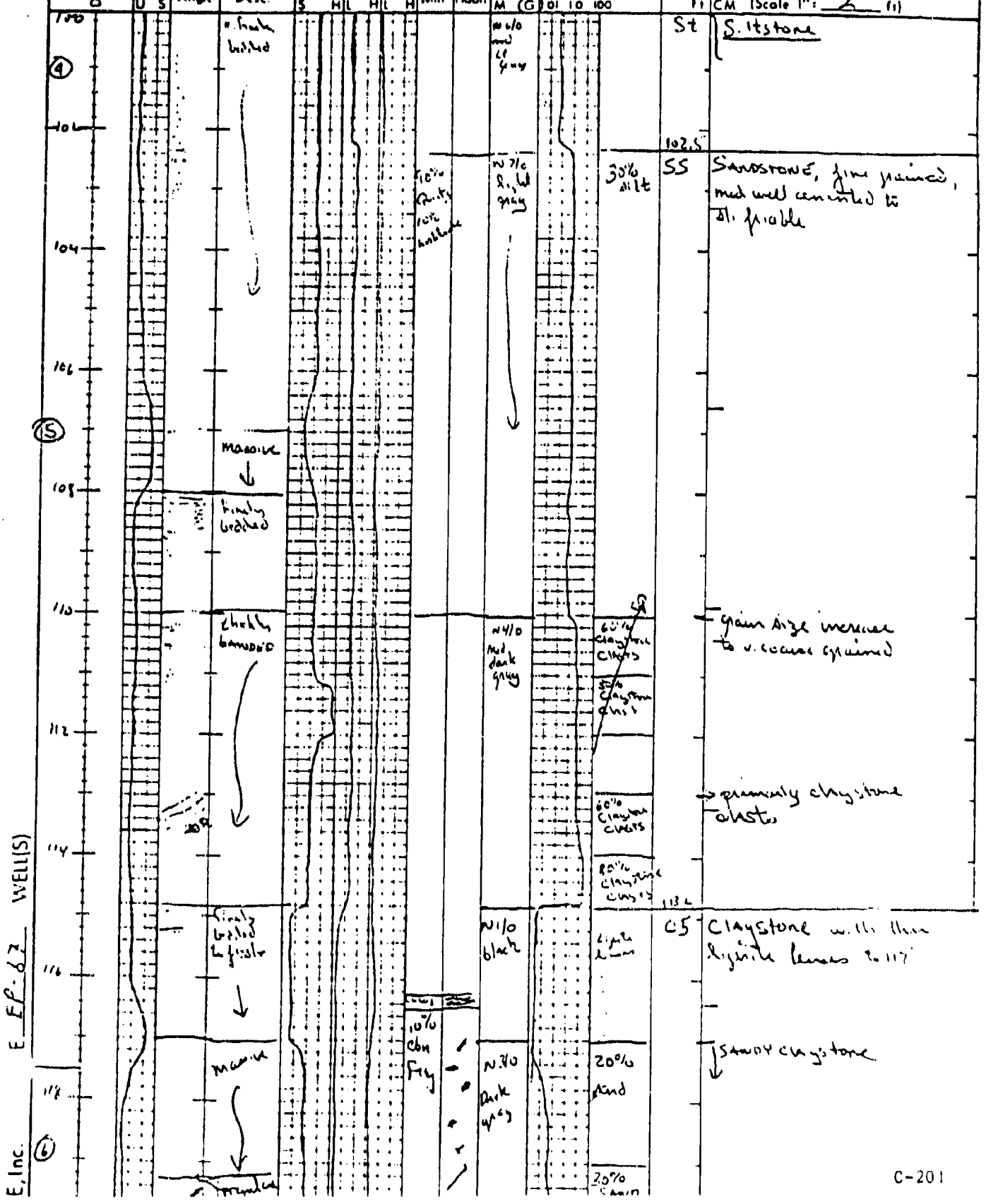
ESE, Inc. CORE LOG By 10/21/87 Date 10/21/87 BORE EP-67 Well(s) _____ Page 3 of 4



ESE, Inc. CORE LOG By 10/21/87 Date 10/21/87 BORE EP-67 Well(s) _____ Page 4 of 8



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ESE, Inc. CORE LOG By SY Date 10/21/82 BORE EP-67 Well(s) _____ Page 5 of 8

Box No.	Depth	Rec. Int.	Water U	Water S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Hardness M	Hardness H	Perm. 1° L	Perm. 1° H	Perm. 2° L	Perm. 2° H	Mineralogy Min	Mineralogy Habit	Color M	Texture/Grain Size clay sd gr mm .01 1.0 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	120				irregular contact w/ sand & silt, mud									10% coarse grains		N3/0 Dark gray		30% sand	CS	Claystone,
	122					massive												25% silt		v. sandy
	124																	25% silt		
6	126																			
	128					finely bedded to thinly bedded										N7/0 light gray			SI	Siltstone
	130					massive								80% Quartz 20% Hornblende		N5/0 Medium gray			SS	SANDSTONE, medium grained, mod. well cemented to sl. friable
7	132																			
	134																			
	136																			
	138					finely bedded										N2/0 grayish black			CS	Claystone

SE, Inc. BORE EP-67 WELL(S)

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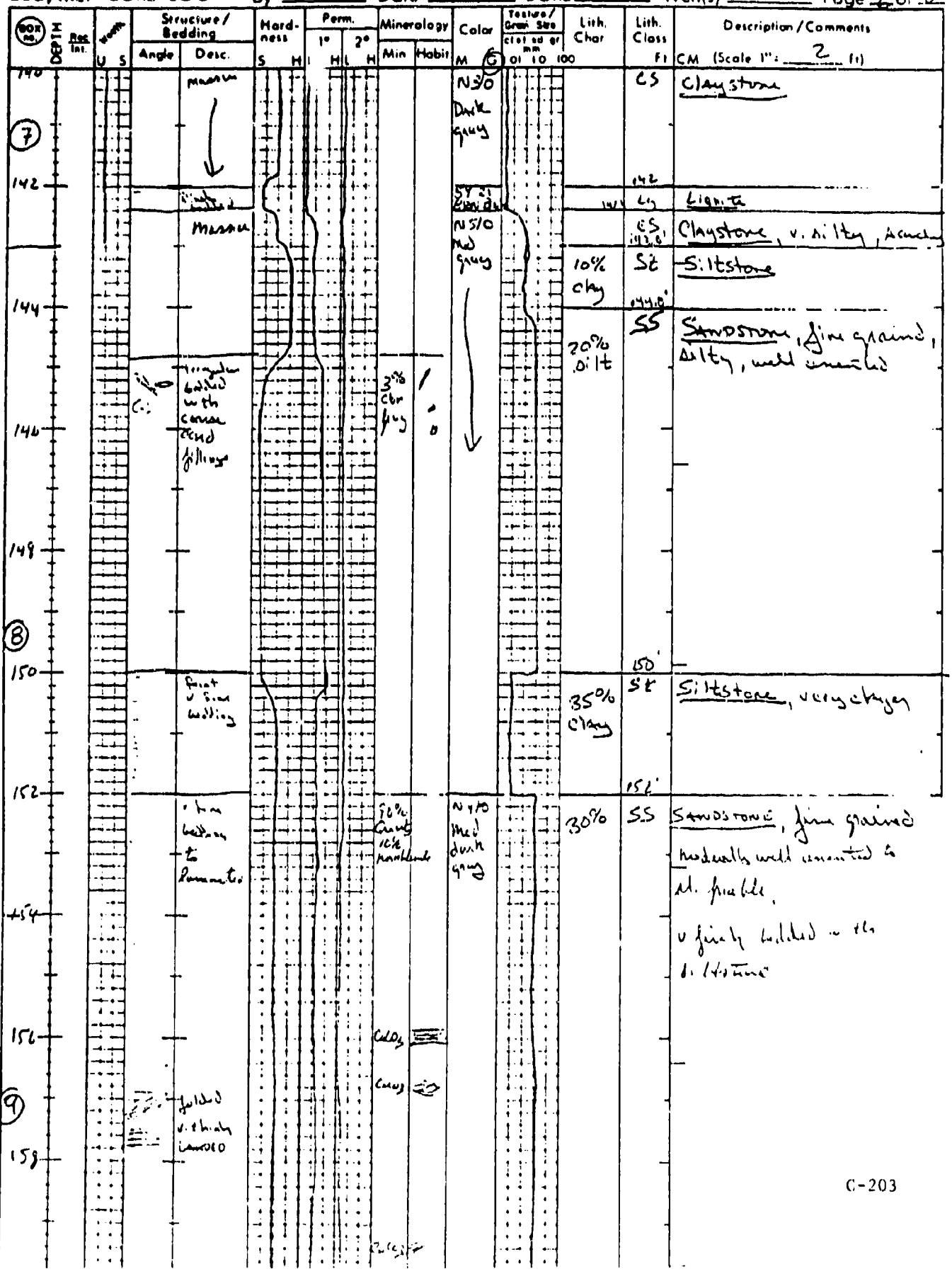
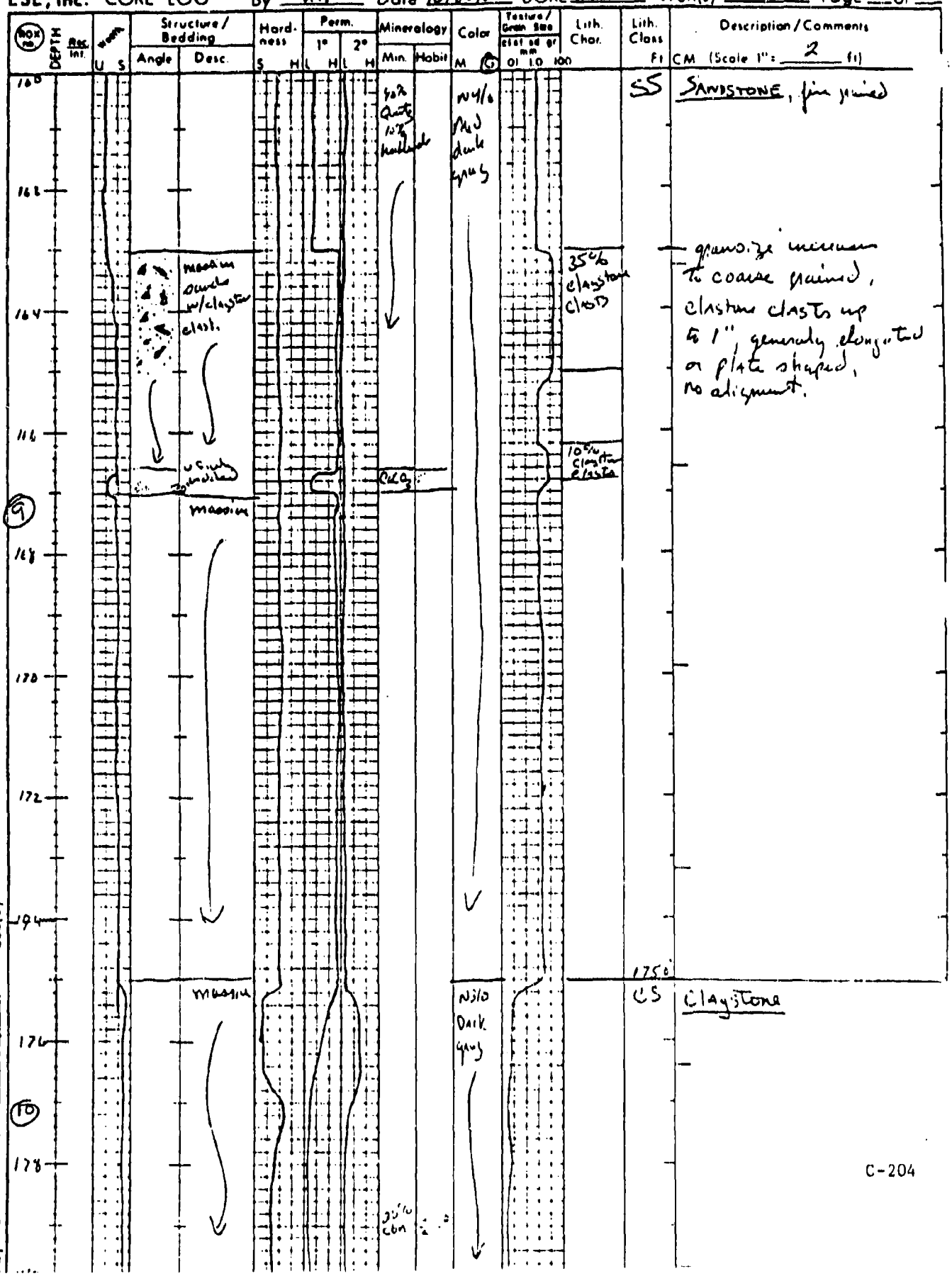
ESE, Inc. CORE LOG By SP Date 10/22/87 BORE EP-67 Well(s) _____ Page 6 of 15



C-203

ESE, Inc. CORE LOG By J.W. Date 10/22/84 BORE EP-67 Well(s) _____ Page 1 of 5



ESE, Inc. CORE LOG By SJ Date 6 10/24/87 BORE EP-6 I Well(s) _____ Page 8 of 8

Box No.	Depth	Rec. Int	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness: S	Hardness: H	Perm. 1°: L	Perm. 1°: H	Perm. 2°: L	Perm. 2°: H	Mineralogy: Min	Mineralogy: Habit	Color: M	Color: (C)	Texture/Grain Size: clst sd gr (mm 01 1.0 100)	Lith. Char	Lith. Class: Ft	Description/Comments: CM (Scale 1": 2 ft)
(10)	171			massive									N 3/0 DARK GRAY				CS	CLAYSTONE
				Total Depth								181'						

ESE, Inc. WELL(S) EP-6 I

C-205

ESE

EP-67

RMA

County: ADAMS COUNTY State: COLORADO

Log Measured From: Ground Level

Drilling Measured From: Ground Level

Logger's Depth: 181 FT

Bit Size: 3 7/8"

Casing Depth: 36 FT

Fluid in Hole: native mud

Density/Viscosity: pH:

Time Started: 1015 Time Finished: 1050

Unit No.: 110

Operator: Wm. Linton

Location: Lakewood, CO

TD Logged: 180 FT

Natural Gamma: 200 Scale = 20 CPS per inch

Time Constant: 2 Sec Logging Speed: 15 Ft/Min

Probe No.: 103-1421 Probe Diameter: 1 5/8"

Crystal Size: xtal 3/4 x 1"

K Factor: 2.38 x 10^-5 Dead Time: 7 Microsec

Mudcake Factor: 1.10 Hole Size: 3 7/8"

Casing Factor:

Resistance: Ohms per 5 Inches

SP: MV per Inch

Natural Gamma (Initial log on scale)

Scale: " = CPS/in

T C: Sec Logging Speed: Ft/Min

From: Ft To: Ft

Total: Ft

Gamma (Analog): Ft

Gamma (Digital): Ft

Caliper: Ft

Temperature: Ft

Directional Data

Closure: Ft

Azimuth:

True Vertical: Ft Survey Depth: Ft

Density Source No

Type: CPS/inch

Neutron Source No

Type: Strength: CPS/inch

S.P.

NATURAL GAMMA

20 CPS

Initial Log

- 10 MV +

RESISTANCE

100 Ohms/ 5 Inches

0 20 40

COUNTS PER SECOND

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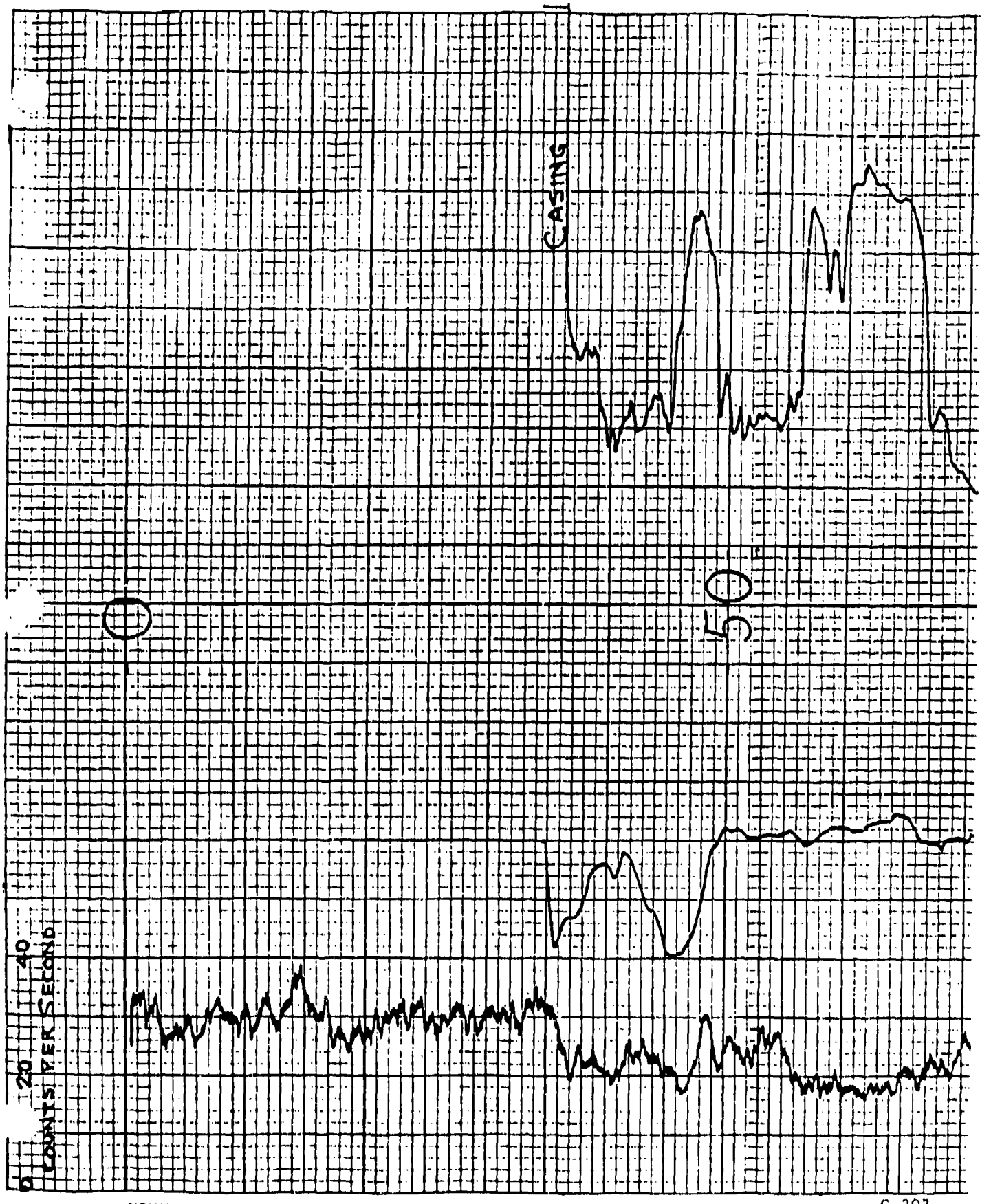
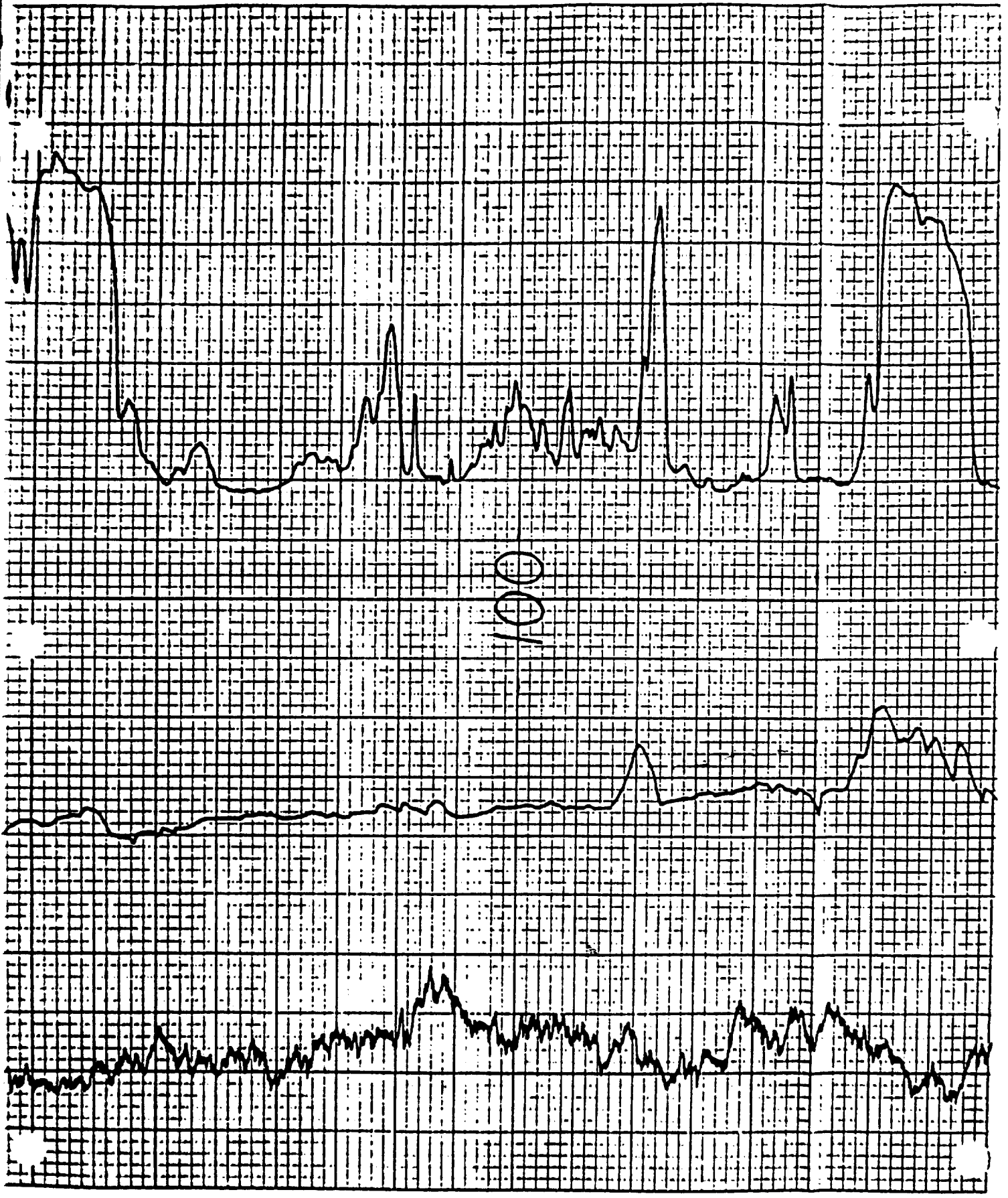
C-206


CASING
0
20
40
COUNTS PER SECOND



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NATURAL GAMMA
0 COUNTS PER SECOND 40
SP
10 MV/INCH
RESISTANCE
100 OHMS/INCHES
1500
1800
FRONTIER LOGGING CORPORATION

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-67 Alluvial Well 35087
Project Name and Location RMA Monitor Well Inst. T44 Project Number T19
Drilling Company Boyles Bros. Driller Don Irvine Rig Number IR
Drilling Method(s) 12¼" OD HS Augers

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 38.1 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 7⅞" Center Bit
Size and Type PVC 4" Sch. 40 PVC
Total Borehole Depth 38.1 ft. ____ cm.
Depth to Bedrock 34.5 ft. ____ cm.
Depth to Water 34.1 ?ft. in Augers cm.
Water Level Determined By visual taping
Length Plain PVC (total) 28.87 ft. ____ cm.
Length of Screen 10.95 ft. ____ cm.
Total Length of Well Casing 39.82 ft. ____ cm.
PVC Stick Up 1.07 ft. ____ cm.
Depth to Bottom of Screen 38.1 ft. ____ cm.
Depth to Top of Screen 27.15 ft. ____ cm.
Depth to Top of Sand 21.5 ft. ____ cm.
Depth to Top of Bentonite 17.6 ft. ____ cm.

Sampling Method(s) Not sampled - cutting analysis ≤ 2.19
Date/Time Start Drilling 11-24-87 / 1040
Date/Time Finish Drilling 11-24-87 / 1353
Date/Time Start Completion 11-24-87 / 1353
Date/Time Cement Protective Casing 11-25-87 / 0834
Materials Used
Plain PVC 28.87
Slotted PVC 10.95 Pc.
Bentonite Pellets 5 (5gal buckets) 250#
Bentonite Granular 2⅓ bag (233#)
Cement 7 bags (656#)
Sand 9 bags (900#) 10-20
Water added during completion 10 gals
Water added during drilling None
Total Gallons of water added 10 gal

Drill Site Geologist Jon K. Keller
Date 11-24-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/25/88 0900 SS RW
Date/Time/Personnel Casing Painted 2/25/88 0930 SS RW
Date/Time/Personnel Numbers Painted 3/8/88 1500 RW BR
Materials Used 12 bags of Mortar

Top of Protective Casing to Top of PVC	0.31 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.30 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.66 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.63 ft.	____ cm.	
Top of Protective Casing to Ground Level	1.85 ft.	____ cm.	

C-2T0

Reviewed By [signature] Date 3/12/88
Drill Site Geologist

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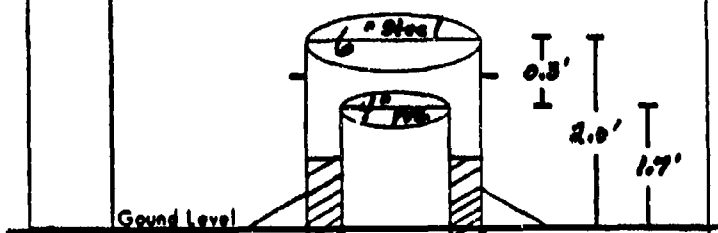
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-67 Alluvial Well: 35037

Depth-Feet	Soil/Rock Type	Well Completion	Description
			4" ID Sch 40 PVC: 1.70' Above ground to 38.1' Below ground
10		7.07 Jt.	
20		17.13 Jt	Top of Bentonite: 17.6' Top of Sand: 21.8'
30		27.17	Top of screen: 27.15' Water: 34.1' Bedrock: 34.6' Bottom of Screen: 38.1 TD: 38.1
40			

Drill Site Geologist: G. Wilkes Date: 11-24-87

Reviewed By: [signature] Date: 3/5/88

C-211

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0636

WELL DEVELOPMENT DATA

Bore EPG7A Well 26 35087
Project RMA ONPOINT TASK 19.44 Project Number 8695K
Date(s) Developed 02/12/88 Date Installed 11/24/87
Personnel (Name/Company) WEST/BRAUMAN: ESE Well Diameter (I.D.) 4" PVC in.
Anulus Diameter 12 3/4" in. 2 ft. to 38.1 ft.
in. ft. to ft.
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS @ 7 GPM Screen Interval 28.1 ft. to 38.1 ft.
Bailer (Type/Capacity) N/A Geotech/Bladder pump ft. to ft.
Water Source RMA Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 39.80 ft. Bottom of Screen (Below G.L.) 38.1 ft.
(Final) 39.80 ft.
Water Level TOC/Date/Time (Initial) 33.45 / 2-12-88 / 0900
(after 24 hrs.) 33.45 / 3-10-88 / 0936
Feet of Water in Well 6.05 ft. x 2.32 gallons/foot = 14.0 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons * One Purge Volume 25 gallons
Purge Water Lost N/A gallons Minimum Purge Volume 125 gallons
Added Water 10 gallons Total Purge Volume 34 gallons
Casing/Anulus Volume 14 gallons Volume Measured By 55 GALLON BARREL
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN ΦSA SN: 015877
pH 7.00 = 7.04 at 12.9 °C, pH 10.00 = 10.14 at 13.0 °C
Conductance Meter Used: YSI MODEL 33 SN: 2603
Standard 1413 umhos/cm at 25°, Reading 1416 umhos/cm at — °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 5 gals	9:34	13.2	7.10	1221	VISCEOUS OPAQUE W/SUSPENDED SILT, SAND
5 gals	10:32	13.7	7.46	1185	SAME
Developed in 5 gallons – recharge is less than 1/8 gpm!					
Final					DRY

Remarks: * INDIGENOUS FROM ON WATER IN BARREL
Pump on @ 0828 0930/0935 pump d) - switched to 3/4" impeller. Tested for thickness.
000: Form Grundfos on-no water available w/this pump either. 1015 Begin w/ waterra bladder pump.
* 1 Purge vol: 14 gallons (casing + annulus) + 10 gallons (added H2O) = 24 to 25 gallons.

C-212

Collected by [signature] 2/12/88
Signature
Checked by [signature]
Signature

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore 35637 Well 35637

Project RMA Project Number 86756

Date(s) Developed 02/19/88 Date Installed 11/24/87

Personnel (Name/Company) ~~West/Pollmiller~~ Kevin Perez, Jay Rosales Well Diameter (I.D.) 4" PVC in.

Rig Used ESE Wellservice Truck Anulus Diameter 12¼" in. 0 ft. to 39.1 ft.

Pump (Type/Capacity) ~~Grundfos~~ N/A ____ in. ____ ft. to ____ ft.

Bailer (Type/Capacity) ~~Hyd~~ 2.5" x 2.0' Screen Interval 27.5 ft. to 39.1 ft.

Water Source RMA ____ ft. to ____ ft.

Measured Well Depth TOC (Initial) 39.60 ft. Casing Height (Above G.L.) 1.7 ft.

(Final) 39.50 ft. Bottom of Screen (Below G.L.) 37.4 ft.

Water Level TOC/Date/Time (Initial) 33.47 / 2-19-88 / 12:31 / RR (33.45/2-12-88/RR)

(after 24 hrs.) 33.46 / 3-10-88 / 0936

Feet of Water in Well 2.35 ft. x 2.32 gallons/foot = 4.9 gallons casing/anulus volume

Drilling Fluid Lost NA gallons * One Purge Volume 25 gallons

Purge Water Lost NA gallons Minimum Purge Volume 125 gallons

Added Water 10 gallons Total Purge Volume 34 gallons

Casing/Anulus Volume 14.7 gallons Volume Measured By 5gal bucket

Surge Technique bailer

Calibration: pH Meter Used: SN # 31634-4 Beckman 421

pH 7.00 = 7.07 at 0700 °C, pH 10.00 = 10.20 at 0853 °C

Conductance Meter Used: SN #42243 CIBS Digital

Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial RR ~~OK~~ 5 gal.	12:54	12.0°	7.73	1195	SILTY, BROWN
12 gal.	13:03	11.5°	7.81	1236	SAME
Final					RR

Remarks: DEWATERED AFTER 7 GAL.

* 1 Purge vol. : 14 gal casing + anulus
+ 10 gal added H2O
24 gal = 1 1

Collected by [signature] Signature

Checked by [signature] Signature

C-21

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ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-67A Well 3508?

Project RMA ON "POST" Project Number 08K 44

Date(s) Developed 3/4/87 Date Installed 11/24/87

Personnel (Name/Company) DLW / ESE Well Diameter (I.D.) 4 in.

RR / ESE Anulus Diameter 12¼" in. 0 ft. to 38.1 ft.

Rig Used ESE well service truck ____ in. ____ ft. to ____ ft.

Pump (Type/Capacity) N/A Screen Interval 27.15 ft. to 38.1 ft.

Bailer (Type/Capacity) 3.65" x 2.0' ____ ft. to ____ ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 39.80 ft. Bottom of Screen (Below G.L.) 38.1 ft.

(Final) 39.80 ft.

Water Level TOC/Date/Time (Initial) 33.45 / 2-12-87 / 0900

(after 24 hrs.) 33.45 / 3-10-87 / 0936

Feet of Water in Well 6.05 ft. x 0.653 gallons/foot = 14.0 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons * One Purge Volume 25 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 125 gallons

Added Water 20 gallons Total Purge Volume 34 gallons

Casing/Anulus Volume 14 gallons Volume Measured By 5 GALLON BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: ORION

pH 7.00 = 7.00 at 10.0 °C, pH 10.00 = 10.00 at 10.5 °C

Conductance Meter Used: ESE model 36

Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, and content, color)
Initial 12	1444	11.2	7.61	1202	cloudy w/ orange-brown silt
15	1447	11.3	7.57	1160	cloudy w/ orange brown silt
20	1501	11.0	7.70	1220	cloudy w/ orange-brown silt
Final					

Remarks: Water level: 35.7? Developed w/ 5 gallons

* : Purge vol. = 4 gal. casing + anulus + 10 gal. added H2O

Collected by _____ Signature 3/4/87

Checked by _____ Signature

C-214

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-127A Well 35187

Project Rocky Flats Project Number Proj 441

Date(s) Developed 3/3/87 Date Installed 11/24/87

Personnel (Name/Company) DEW/ESE Well Diameter (I.D.) 4 in.

RJR/ESE BJL/ESE Anulus Diameter 12¼ in. 6 ft. to 38.1 ft.

Rig Used ESE Well Service Truck ____ in. ____ ft. to ____ ft.

Pump (Type/Capacity) N/A Screen Interval 27.15 ft. to 38.1 ft.

Bailer (Type/Capacity) 3.5" x 2.0' ____ ft. to ____ ft.

Water Source Rocky Flats Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 39.40 ft. Bottom of Screen (Below G.L.) 38.1 ft.

(Final) 39.80 ft.

Water Level TOC/Date/Time (Initial) 33.45 /3-12-87/ 0900

(after 24 hrs.) 33.45 /3-10-87/ 0936

Feet of Water in Well 6.05 ft. x .65 gallons/foot = 14.0 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 25 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 125 gallons

Added Water 10 gallons Total Purge Volume 34 gallons

Casing/Anulus Volume 14 gallons Volume Measured By 55 gallon Drum/Scale

Surge Technique Bailing

Calibration: pH Meter Used: Beckman 4521 SN 010441

pH 7.00 = 7.05 at 6.4 °C. pH 10.00 = 10.23 at 6.2 °C

Conductance Meter Used: YSI Model 32 S/N 2603

Standard 1413 umhos/cm at 25°, Reading 1415 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, color)
Initial 20	1503	9.3	7.78	1155	cloudy w/ orange-brown silt
23	1505	10.5	7.64	1171	cloudy w/ orange-brown silt
26	1507	10.5	7.64	1181	cloudy w/ orange-brown silt
27	1510	9.7	7.65	1206	cloudy w/ orange-brown silt
Final					Dry

Remarks: Water level - 33.5' Developed in 1 gallons

* 14 gal casing + annulus
+ 10 gal drill H2O
24 → 25 gallons

Collected by _____ Signature 3/7/87

Checked by _____ Signature

C-215

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-67A Well 35087

Project RMA On-Post
Project Number TASK 44
Date(s) Developed 3-8-88
Date Installed 11/24/87
Personnel (Name/Company) RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12½ in. 0 ft. to 38.1 ft.
in. ft. to ft.
Rig Used ESE Well Service truck
Screen Interval 27.10 ft. to 38.1 ft.
ft. to ft.
Pump (Type/Capacity) N/A
Bailer (Typu/Capacity) 3.85" x 2.0"
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 39.80 ft.
(Final) 39.70 ft.
Bottom of Screen (Below G.L.) 38.1 ft.
Water Level TOC/Date/Time (Initial) 33.45' / 2-12-88 / 0900 / BW
(after 24 hrs.) 33.45 / 3-10-88 / 9:36 / RR
Feet of Water in Well 6.29 ft. x ~~.653~~ 2.32 gallons/foot = 14.6 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 25 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 125 gallons
Added Water 10 gallons
Tctal Purge Volume 34 gallons
Casing/An ilus Volume 14.6 gallons
Volume Measured By 55 Gallon Barrel / Vac truck
Surge Technique Bailing

Calibration: pH Meter Used: Beckman ϕ 21 ~~2+~~ pH Meter SN 016344
pH 7.00 = 7.05 at 12.0 °C. pH 10.00 = 10.14 at 12.9 °C
Conductance Meter Used: YSI Model 32 SN 26023
Standard 1413 umhos/cm at 25°. Reading 1416 umhos/cm at 11.5 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 27	1337	13.4	7.83	1193	cloudy w/orange brown silt
30	1343	12.0	7.79	1194	cloudy w/orange brown silt
33	1347	11.9	7.76	1192	cloudy w/orange brown silt
Final 34	1351	12.1	7.71	1211	cloudy w/orange brown silt
Final					12½

Remarks: Water level = 33.51' / 1333 Dewatered @ 7 gallons

39.80 − 33.51 = 6.29 × Vol. 14.6 + 10 = 24.6

Collected by Bob Winters 3-8-88
Signature
Checked by
Signature

C-216

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP67 D1 Well ~~SAME~~ SP 35088

Project Name and Location ROCKY MTN ARSENAL - SECTION 36 Project Number 7067.44

Drilling Company BYLES BROS Driller DON IRVING Rig Number

Drilling Method(s) HOLLOW STEM AUGER 0 - 38.6 ft

ROTARY W/CLEAN WATER 38.6 - 48.9'

Borehole Diameter 12" in. ____ cm. 0 - 38.6 ft. ____ cm. to ____ ft. ____ cm.

5 3/4" in. ____ cm. 38.6 - 48.9 ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) AUGER: 12" O.D. / 8.7" I.D.

ROTARY: 5 3/4"

Size and Type PVC 4" O.D. SCH 40

Total Borehole Depth 48.9 ft. ____ cm.

Depth to Bedrock ~36 ft. ____ cm.

Depth to Water ~34 ft. ____ cm.

Water Level Determined By WHEN ENCOUNTERED DURING DRILL

Length Plain PVC (total) 44.76 ft. ____ cm.

Length of Screen 5.64 ft. ____ cm.

Total Length of Well Casing 50.6 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 48.9 ft. ____ cm.

Depth to Top of Screen 43.26 ft. ____ cm.

Depth to Top of Sand 40 ft. ____ cm.

Depth to Top of Bentonite 35 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 12/1/87 0900

Date/Time Finish Drilling ~~12/2/87 1100~~ (SURFACE CASING) 12/1/87 1100 ~~12/2/87 1130~~ (CPC)

Date/Time Start Completion 12/2/87 1140

Date/Time Cement Protective Casing N/A

Materials Used

Plain PVC 5' ADV 44.76 ft SCH 40

Slotted PVC 5.64 ft SCH 40 .010 SLOT

Bentonite Pellets 2 BUCKETS (100 lbs) IN BAG SURFACE CASING

Bentonite Granular

Cement 10 BAGS SURFACE CASING 5 BAGS WELL CASING

Sand 2 BAGS

Water added during completion GROUTING 150 gals SURFACE CASING 70 gals WELL CASING

Water ~~added~~ CIRCULATED during drilling ~3500 gals

Total Gallons of water added 0

Drill Site Geologist KEITH S. FALLON

Date DEC. 3, 1987

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/25/88 0945 SS

Date/Time/Personnel Casing Painted 2/25/88 @ 1000 SS DW

Date/Time/Personnel Numbers Painted 3/8/88 1530 DW KR

Materials Used 12 bags concrete

Top of Protective Casing to Top of PVC	0.64 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.40 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.16 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.55 ft.	____ cm.	
Top of Protective Casing to Ground Level	2 ft.	____ cm.	

Reviewed By [signature] Date 3/15/88

Drill Site Geologist ____ Date ____

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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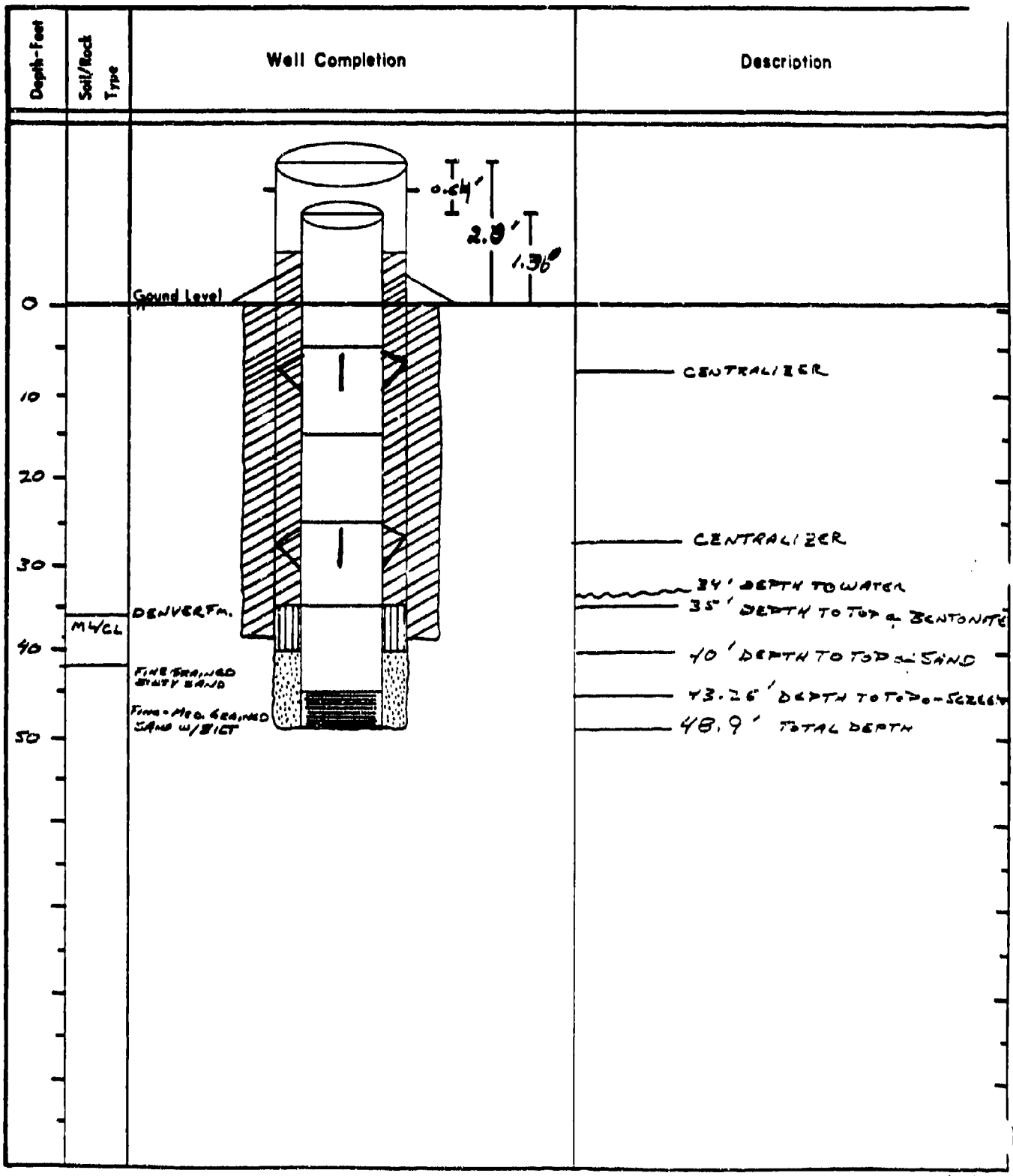
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-6701 Well: EP-6701 SP 35088



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Drill Site Geologist: Bateman Date: 12-13/SAP

Reviewed By: [signature] Date: 3/5/87

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7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EPL701 Well 35 C84

Project TEST 44
Date(s) Developed 2-14-84
Personnel (Name/Company) ESE
Kevin Pierson / Ray Rogers
Rig Used Well Develop. Truck
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) ~~Wilco~~ BAILER Stainless Steel
Water Source RMA
Measured Well Depth TOC (Initial) ~~50.7~~ ft. 50.83
(Final) 50.82 ft.
Water Level TOC/Date/Time (Initial) 31.93 / 1315 / 2-14-84 / RR
(after 24 hrs.) 32.16 / 2-14-84 / 1210
Feet of Water in Well 12.17 ft. x 2.32 gallons/foot = ~~28.24~~ 20525 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume gallons

Project Number
Date Installed 12-3-83
Well Diameter (I.D.) 4" PVC in.
Anulus Diameter 12¼" in. 40' ft. to 49.7 ft.
— in. — ft. to — ft.
Screen Interval ~~43.26~~ 43.26 ft. to 49.7 ft.
— ft. to — ft.
Casing Height (Above G.L.) 2.7' ft.
Bottom of Screen (Below G.L.) 46.9 ft.

One Purge Volume 20 gallons
Minimum Purge Volume 100 gallons
Total Purge Volume 105 gallons
Volume Measured By 5 GAL. BUCKET
Surge Technique BAILING

Calibration: pH Meter Used: SN # A16344
pH 7.00 = 7.07 at 6.6 °C. pH 10.00 = 10.22 at 6.3 °C
Conductance Meter Used: SN # 14243
Standard 1413 umhos/cm at 25° Reading 1413 umhos/cm at 21.5 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, odor)
Initial RR 20 Gal.	1350	14.4°	~~7.58~~ 7.58	768	SILTY BROWN SOME SED
25 Gal	1425	12.5°	7.51	1421	SI[illegible]
31 Gal.	1441	12.0°	[illegible]	1495	SILTY BROWN LITTLE SED
Final					RR

Remarks: DEWATERED @ 31 Gal

Collected by [signature] Signature
Checked by [signature] Signature 2/15/84

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-67D1 Well 35088

Project Task 44 RMA On-Post
Project Number Task 44
Date(s) Developed 3/9/88
Date Installed 12/2/87
Personnel (Name/Company) RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12 in. 0 ft. to 38.6 ft.
5-3/4 in. 38.6 ft. to 48.9 ft.
Rig Used ESE Well Development Truck
Pump (Type/Capacity) Grundfos / 5 GPM
Screen Interval 43.26 ft. to 48.9 ft.
Bailer (Type/Capacity) N/A
____ ft. to ____ ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 2169 59.83 ft.
Bottom of Screen (Below G.L.) 48.9 ft.
(Final) 50.82 ft.
Water Level TOC/Date/Time (Initial) 31.89 / 3-9-88 0852 / RR BW
(after 24 hrs.) 32.10 / 3-14-88 / 1220
Feet of Water in Well 18.94 ft. x 0.653 gallons/foot = 12.37 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 30 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 100 gallons
Added Water 0 gallons
Total Purge Volume 105 gallons
Casing/Anulus Volume 12.37 gallons
Volume Measured By 55 Gal. Barrel and 5 Gal Bucket
Surge Technique Case and Lower pump

Calibration: pH Meter Used: Beckman ϕ 21 pH Meter SN 016344
pH 7.00 = 7.03 at 15.2 °C, pH 10.00 = 10.13 at 14.2 °C
Conductance Meter Used: YSI Model 32 SN 3603
Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 15.2 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 31	0905	14.6	7.69	1503	Cloudy Brown w/ Sl+ fine grained Sand
41	0913	13.7	8.18	1460	Cloudy Brown w/ Sl+ fine grained Sand
51	0925	14.6	7.87	1479	Cloudy Brown w/ Sl+ fine grained Sand
56	0937	15.0	7.53	1210	Cloudy
Final				50	

Sandpack = 48'-40' Bot. of Screen
40' Top of Sand
8' x 7.48 gal/ft = 59.8 gal/ft = 76

Remarks: Developed 6 stage initial in 25 gal, 15 min later well recharged to 6 gals

1 Purge vol 12.4 casing
- 8 gal sandpack

Collected by [signature] 3-9-88
Signature
Checked by [signature] 3/14/88
Signature

C-220

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WELL DEVELOPMENT DATA

Bore EP-6701 Well 35 (35?)

Project RMA-31-PIST Project Number Task 44

Date(s) Developed 3-10-89 Date Installed 12-2-87

Personnel (Name/Company) RA/ESE Well Diameter (I.D.) 4" in.

BW/ESE Anulus Diameter 12 in. 0 ft. to 38.6 ft.

Rig Used Well Dudge Truck 5 3/4 in. 38.6 ft. to 46.7 ft.

Pump (Type/Capacity) Grundfos / 5 GPM. Screen Interval 43.26 ft. to 45.7 ft.

Bailer (Type/Capacity) N/A ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 50.83 ft. Bottom of Screen (Below G.L.) 44.0 ft.

(Final) 50.82 ft. 3-9-89

Water Level TOC/Date/Time (Initial) 31.59 / 3-9-89 / 8:32 / BW

(after 24 hrs.) 32.10 / 3-10-89 / 1330

Feet of Water in Well 19.24 ft. x .6553 gallons/foot = 12.37 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 20 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 100 gallons

Added Water 0 gallons Total Purge Volume 105 gallons

Casing/Anulus Volume 12.37 gallons Volume Measured By 55 Gal Barrels

Surge Technique Bailer / Grundfos pump

Calibration: pH Meter Used: Beckman 21 pH Meter SN # 11344

pH 7.00 = 7.03 at 16.1 °C, pH 10.00 RA at 16.6° 17.6 °C

Conductance Meter Used: YSI Model 32 SN # 2603

Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial					
20 56	9:43	12.7°	7.77	1563	cloudy brn w/ silt & fine grn sand
40 66	9:47	12.5°	7.47	1513	cloudy brn w/ some silt
60 71	9:51	11.6°	7.43	1456	cloudy brn w/ some silt
25 91	9:14	10.7°	7.38	1521	slightly cloudy
Final					NJ

Remarks: Static Water level, start pump 9:40 / pump off 9:14 developed w/ 55 Gal.

Pump to 124 casing + 5' sandpack

Collected by [signature] C-221

Checked by [signature]
Signature

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WELL DEVELOPMENT DATA

Bore EP-67D1 Well 35088

Project SWMU ON-POST Project Number TASK 44

Date(s) Developed 3/10/88 (CONTINUED) Date Installed

Personnel (Name/Company) DLW, TR, BW Well Diameter (I.D.) in.
ESE

Anulus Diameter in. ft. to ft.
in. ft. to ft.

Rig Used ESE WITH SERVICE TRUCK Screen Interval ft. to ft.

Pump (Type/Capacity) GRUNDFOS / 5GAM ft. to ft.

Baller (Type/Capacity) N/A ft. to ft.

Water Source PWA Casing Height (Above G.L.) ft.

Measured Well Depth TOC (Initial) 50.83 ft. Bottom of Screen (Below G.L.) ft.
(Final) 50.53 ft.

Water Level TOC/Date/Time (Initial) 31.89 / 3-9-88 / 0932
(after 24 hrs.) 32.10 / 3-10-88 / 1230

Feet of Water in Well 18.94 ft. x .657 gallons/foot = 12.37 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 20 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 100 gallons

Added Water 0 gallons Total Purge Volume 105 gallons

Casing/Anulus Volume 12.37 gallons Volume Measured By 55 GALLON BARREL

Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN Ø 21 SN: ~~[illegible]~~ 0163461

pH 7.00 = 7.10 at 2.7 °C. pH 10.00 = 10.25 at 5.0 °C

Conductance Meter Used: YSI MODEL 32

Standard 1413 umhos/cm at 25°, Reading umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 81	1520	10.4	7.11 9.97	1566	cloudy w/ brown silt + many grains (clear) in sample
91	1524	10.3	6.88	1492	cloudy w/ brown silt
95	1532	8.1	7.10	1408	cloudy w/ brown silt
Final					

Remarks: Water level = 32.06 @ 1510
Pump on 1513 Note: Beckman pH meter [illegible] - had to change to ORION SA 230 for last parameter. (All parameter [illegible] may not be correct)

Collected by [signature] 3/10/88

Checked by [signature] 3/12/88

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
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WELL DEVELOPMENT DATA

Bore EP-6701 Well 35088

Project RMA on Post
Date(s) Developed 3-11-88
Personnel (Name/Company) RR, JW/ESE

Rig Used ESE Well Service Truck
Pump (Type/Capacity) Grundfos / 5 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Measured Well Depth TOC (Initial) 50.83 ft.
(Final) 50.82 ft.
Water Level TOC/Date/Time (Initial) 31.89 / 3-9-88 / 0932
(after 24 hrs.) 32.10 / 3-10-88 / 1220
Feet of Water in Well 18.94 ft. x 6.53 gallons/foot = 123.7 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 123.7 gallons

Project Number Task 44
Date Installed 12-2-87
Well Diameter (I.D.) 4 in.
Anulus Diameter 12 in. 0 ft. to 38.6 ft.
5 7/8 in. 38.6 ft. to 48.9 ft.
Screen Interval 43.26 ft. to 48.9 ft.
— ft. to — ft.
Casing Height (Above G.L.) 1.7 ft.
Bottom of Screen (Below G.L.) 48.9 ft.

✓ One Purge Volume 36 gallons
Minimum Purge Volume 1236 gallons
Total Purge Volume — gallons
Volume Measured By 55 Gallon Barrel
Surge Technique Surge / Pump

Calibration: pH Meter Used: Beckman φ 21 SN 016314
pH 7.00 = 7.04 at 13.3 °C, pH 10.00 = 10.14 at 13.33 °C
Conductance Meter Used: YSI Model 32 SN 2663
Standard 1413 umhos/cm at 25°, Reading 1411 umhos/cm at 42 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 95	0834	7.5	7.56	1545	Cloudy brown w/ silt and sand
100	0842	9.1	7.33	1462	less cloudy/ small amount of sand
Final 105	0853	9.3	7.41	1455	Cloudy brown w/ silt and small amount of sand
Final					

Remarks: water level = 31.93 ft. pump set at 44 ft. pump ran for 1.5 hrs. Final turbidity development work - obtained

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Collected by [signature]
Checked by [signature]

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7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0936

WELL CONSTRUCTION SUMMARY

Borehole EP-67B2 Well 35089

Project Name and Location RMA Task 44 Well Installation Project Number T44

Drilling Company Boyles Bros. Driller Don Gurie Rig Number IR

Drilling Method(s) Rotary wash

Borehole Diameter	16 1/4	in.	cm.	0	ft.	cm. to	38	ft. cm.
	11 3/4	in.	cm.	38	ft.	cm. to	50	ft. cm.
	7 7/8			50 ft.		to	69 ft.	

Size(s) and types of Bit(s) 16 1/4", 11 3/4", 7 7/8" Blade Bits

Size and Type PVC 4" Sch 40

Total Borehole Depth 69 ft. cm.

Depth to Bedrock 33 ft. cm.

Depth to Water — ft. cm.

Water Level Determined By —

Length Plain PVC (total) ~~68.2~~ ft. 58.2 ft. tot.

Length of Screen 10.0 ft. cm.

Total Length of Well Casing 68.2 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 66.0 ft. cm.

Depth to Top of Screen 56.0 ft. cm.

Depth to Top of Sand 50.0 ft. cm.

Depth to Top of Bentonite 46.0 ft. cm.

Sampling Method(s) Previously Cored

Date/Time Start Drilling 12/4/87 1040

Date/Time Finish Drilling 12/9/87 1500

Date/Time Start Completion 12/9/87 1550

Date/Time Cement Protective Casing 12/10/87 0845

Materials Used —

Plain PVC ~~58.2'~~ 58.2'

Slotted PVC 10.67'

Bentonite Pellets 1.25 buckets (62.5 lb.)

Bentonite Granular 2.25 bags (135 lb.)

Cement 23 bags (207 lb.)

Sand 3 bags (300 lb.)

Water added during completion 0 gal.

Water added during drilling 50 gal.

Total Gallons of water added 50 gal.

Drill Site Geologist A. E. Satelli Date 12/10/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/25/88 1040 SS RP

Date/Time/Personnel Casing Painted 2/25/88 1100 SS RP

Date/Time/Personnel Numbers Painted 3/4/88 1600 BW RP

Materials Used 12 bags Sakrete

Top of Protective Casing to Top of PVC	0.19 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.0 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.4 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.5 ft.	cm.	
Top of Protective Casing to Ground Level	1.9 ft.	cm.	

Reviewed By [signature] Date 3/8/88

Drill Site Geologist _____ Date _____

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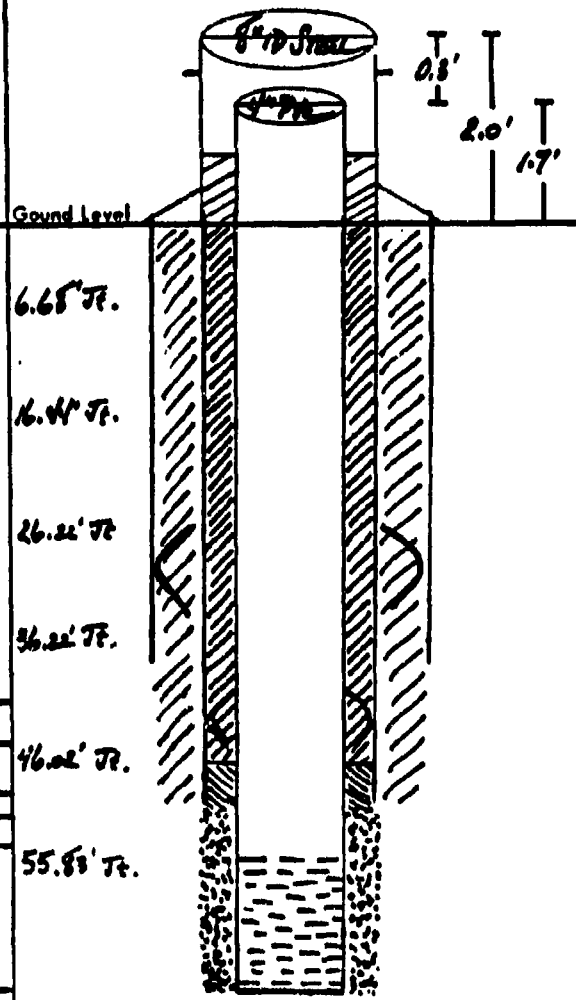
ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-67Pc Well: 35089

Depth-Feet	Soil/Rock Type	Well Completion	Description
			12" ID Steel Casing : Surface to 38' 8" ID Steel Casing : 2.0' Above Surface 50' 4" ID PVC (Sch 40) : 1.7' Above Surface 66.5'
10		6.68' Ft.	
20		16.44' Ft.	
30		26.22' Ft.	Centralizer @ 30.0'
40	St	36.22' Ft.	TD / 12" ID Steel : 38.0' Centralizer @ 44.02'
	SS	46.02' Ft.	Top of Bentonite Seal : 46.0'
50	SS		TD / 8" ID Steel : 50.0'
	St		Top of Sand Pack : 50.0'
		55.83' Ft.	Top of Screen : 56.0'
60	SS		Bottom of Screen : 66.0'
			TD / 4" ID PVC : 66.5'
70	RS		
80			
90			

Drill Site Geologist: A.S. Castelli Date: 12/9/87

Reviewed By: J. Fava Date: 3/8/88

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore ED-67D2 Well 35089

Project RMA ON-POST Project Number TASK 44

Date(s) Developed 3/7/89 Date Installed 12/10/87

Personnel (Name/Company) PLW/ESE Well Diameter (I.D.) 4 in.

RR/ESE BW/ESE Anulus Diameter 6¼ in. 0 ft. to 31 ft.

Rig Used ESE under service Tech 11¾ in. 31 ft. to 50 ft.

Pump (Type/Capacity) GRUNDFOS/5 GPM Screen Interval 7⅝ in. 50 ft. to 67 ft.

Bailer (Type/Capacity) N/A 52.6 ft. to 66.6 ft.

Water Source RMA Casing Height (Above G.L.) 2.7 ft.

Measured Well Depth TOC (Initial) 64.96 ft. Bottom of Screen (Below G.L.) 66.0 ft.

(Final) 68.26 ft.

Water Level TOC/Date/Time (Initial) 35.05 / 3-7-89 / 1525

(after 24 hrs.) ~~35.46 / 3-8-89 / 1052~~ DW 34.88 / 3-11-89 / 1430

Feet of Water in Well 29.85 ft. x 0.658 gallons/foot = 19.5 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 83 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 415 gallons

Added Water 50 gallons Total Purge Volume 415 gallons

Casing/Anulus Volume 19.5 gallons Volume Measured By 55 GALLON BARREL

Surge Technique RISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN PH SN: 016344

pH 7.00 = 7.00 at 5.2 °C, pH 10.00 = 10.25 at 4.6 °C

Conductance Meter Used: YSI MODEL 32 SN 1003

Standard 14.3 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 3 gal.	1543	9.8	12.33	2350	Viscous, Milky mucky w/ some silt
10 gal	1552	10.1	12.43	2070	mucky w/ some silt
20 gal.	1556	11.3	12.24	2000	less mucky (clear) w/ some silt/bentonite
85 gal.	1613	11.8	10.93	1067	mostly clear some mica
Final					Dry

Sample = 100 ft. to screen
= 50.0 Top of Screen
16.6 gal/ft x 50 ft = 830 gal/well x 2 gal

Remarks: Pump @ 1540
Tap running = 0.6 gpm. Pump rate 5 gallons = 4.2 gpm

a. Purge vol. 19.5 Casing vol
16.6 Sample vol
50 ml Inside ½
83.1 Total

Collected by [signature] Signature

Checked by [signature] Signature

C-226

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP 67 D2 Well 35089

Project RMA On-Post
Project Number Task 44
Date(s) Developed 3-8-88
Date Installed 12-10-87
Personnel (Name/Company) RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 10 1/4 in. 0 ft. to 38 ft.
11 3/4 in. 38 ft. to 50 ft.
Rig Used ESE Well Service truck
Screen Interval 7 7/8 in. 50 ft. to 69 ft.
50 ft. to 66 ft.
Pump (Type/Capacity) Grundfos / 5 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 64.90 ft.
(Final) 64.66 ft.
Bottom of Screen (Below G.L.) 66.0 ft.
Water Level TOC/Date/Time (Initial) 35.05 / 3-7-88 / 1525
(after 24 hrs.) ~~35.46 / 3-8-88 / 1050~~ DW 34.88 / 3-11-88 / 1120
Feet of Water in Wel 29.63 ft. x .653 gallons/foot = 19.5 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 83 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 415 gallons
Added Water ~~50~~ 50 gallons
Total Purge Volume 415 gallons
Casing/Anulus Volume 19.5 gallons
Volume Measured By 55 Gallon Barrel
Surge Technique Surge and bail w/ pump

Calibration: pH Meter Used: Beckman ϕ 21 pH meter SN 016344
pH 7.00 = 7.00 at 12.0 °C, pH 10.00 = 10.01 at [illegible] °C
Conductance Meter Used: YSI Model 32 SN 2603
Standard 1413 umhos/cm at 25°. Reading 1416 umhos/cm at [illegible] °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 85	1430	13.7	13.02	796	cloudy [illegible]
100	1439	13.4	11.49	262	less cloud [illegible]
1.5	1449	13.6	11.29	259	slightly clear [illegible]
170	1504	14	9.82	801	[illegible]
255	1545	12.1	9.37	870	clear [illegible]
Final				~~936~~	[illegible]

Remarks: Water level = 35.27

[illegible] 19.5 gal Collected by [illegible]
Signature
Checked by [illegible]
Signature

C-227

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EPG702 Well 35089

Project RMA on Post
Project Number Task 44
Date(s) Developed 3-8-88
Date Installed 12-10-87
Personnel (Name/Company) RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 10¼ in. 0 ft. to 38 ft.
11¾ in. 38 ft. to 50 ft.
Rig Used ESE Well Service truck
Screen Interval 7⅞ in. 50 ft. to 69 ft.
56.0 ft. to 66.0 ft.
Pump (Type/Capacity) Grundfos / 5 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 64.90 ft.
(Final) 68.26 ft.
Bottom of Screen (Below G.L.) 66.0 ft.
Water Level TOC/Date/Time (Initial) 35.05 / 3-7-88 / 1525
(after 24 hrs.) ~~35.96 / 3-8-88 / 1430~~ SW 34.88' / 3-11-88 / 1430
Feet of Water in Well 29.63 ft. x .653 gallons/foot = 19.5 + 13.6 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 83 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 415 gallons
Added Water 50 gallons
Total Purge Volume 415 gallons
Casing/Anulus Volume 19.5 gallons
Volume Measured By 55 Gallon barrel
Surge Technique Surge + Jetting Pump

Calibration: pH Meter Used: Beckman ϕ 21 pH Meter SN 016344
pH 7.00 = 7.05 at 12.0 °C, pH 10.00 = 10.14 at 12° °C
Conductance Meter Used: YSI Model 33 SN 76013
Standard 1413 umhos/cm at 25°, Reading 1416 umhos/cm at 15° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 340	1555	13.4	9.14	936	Clear
415	1648	13.7	8.21	725	Clear
Final					DCW

Remarks:

Collected by _____ Signature
Checked by _____ Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP 71 A Well 23237, 23238

Project Name and Location RMA Soil Sampling 744 well Installation Project Number 17653.08.11.C

Drilling Company Boyles Driller R. Mackey Rig Number

Drilling Method(s) 3¼" ID HS Auger

Size(s) and type(s) of bit(s) 3¼" ID HS Bit - clay bit

Borehole Diameter 6 in. cm. 0 ft. cm. to 26 ft. cm.

in. cm. ft. cm. to ft. cm.

Sampling Methods Poly butyrate tube in continuous sampling

Total Number Soil Sampling Tubes 9

Total Number Core Boxes 2

Number of Gallons Lost Drilling Fluid None

Date/Time Started Drilling 11-12-87 / 0829

Date/Time Completed Drilling 11-12-87 / 1605

Total Borehold Depth 26 ft. cm.

Depth to Bedrock 12' ft. cm. clayey siltstone

Depth to Water Not Encountered cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 11-12-87 / 0954

Depth of Tremmie Pipe 16'

Gallons of Grout 60 gal

Materials Used 5 bags concrete ½ bag bentonite

Comments

Wellsite Geologist [illegible] Date [illegible]

Checked for Grout Settlement on [illegible] by [illegible]

Amount of Grout Added N/A

All Measurements from Ground Level

Reviewed by [signature] Date 3/17/88

Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 1 OF 3

Borehole: EP-71 A Well Number: 23237, 23238

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification
0-2	0-2	2'	N/A	0-2	ML
	2-4	2'		2-4	
	4-6	2'		4-6	
	6-8	0		6-8	
	8-10	5'		8-10	
	10-12	2'		10-12	

SOILS LOG
Description

Munsell Colors

ML, Sandy-silt, 10-15% vfg sand, 10YR 4/3 brown - dk. brown, non-plastic, loose, moist, Alluvium

@ 0.8 color change to 10YR 5/4 yellowish brown

ML, sandy silt 10% ufg sand w/ trace calcite 10YR 5/3 brown, non-plastic, medium dense, slightly moist, Alluvium

ML, sandy silt ~ 30% ufg sand, w/ trace calcite 10YR 5/4 yellowish brown, non-plastic, medium dense, slightly moist, Alluvium

NO RECOVERY 6'-8.5' Encountered white fine silt plugged bbl.

@ 9.9' ML, sandy silt, ~ 5% sand, 10YR 7/3 very pale brown, non plastic, loose, dry, Alluvium ~ 40% calcium carbonate 10YR 8/1 white

@ 11.0' ML, sandy silt, ~ 10% sand, 10YR 5/2 grayish brown ~ 15% calcium carbonate 10YR 8/1 ~ fe non-plastic, medium dense, dry, Alluvium

Drill Site Geologist: K. Barker Date: 11-12-87

Reviewed By: [signature] Date: 11/18/87

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 2 OF 3

Borehole: TP 71 A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification
12	12	2'	N/A	11-21	
14	91-11	2'		11-11	
16	81-91	0		81-91	
18	0C 81	0		0C 81	
20	22-02	2'		22-32	
22	12-22	0		12-22	
24					

SOILS LOG
Description

Munsell Colors

@12.0' Weathered clayey siltstone, ~ 40% clay
10YR 5/2, grayish brown w/ 10YR 7/4 pale brown
calcium carbonate spots, traces of small gravel
possibly granite, dense, dry, Bedrock

Same w/ ~ 30% calcium carbonate
10YR 6/2 lt. brownish gray

NO RECOVERY 16-20
Encountered gravel @ ~ 16.5 sample fell out

gravel [illegible]

@20' GW, sandy gravel, ~ 30% sand 10% 1/4 [illegible]
10YR 5/3 brown, dense, loose, moist
@20.5' SM, sandy clay, slightly [illegible]
10YR 5/2 grayish brown medium dense [illegible]

NO RECOVERY 22-24' coarse & fine gravels

Drill Site Geologist: [illegible] Date: [illegible]
Reviewed By: [illegible] Date: [illegible]

C-232

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7231 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 5 OF ?

Borehole: EP 701 Well Number:

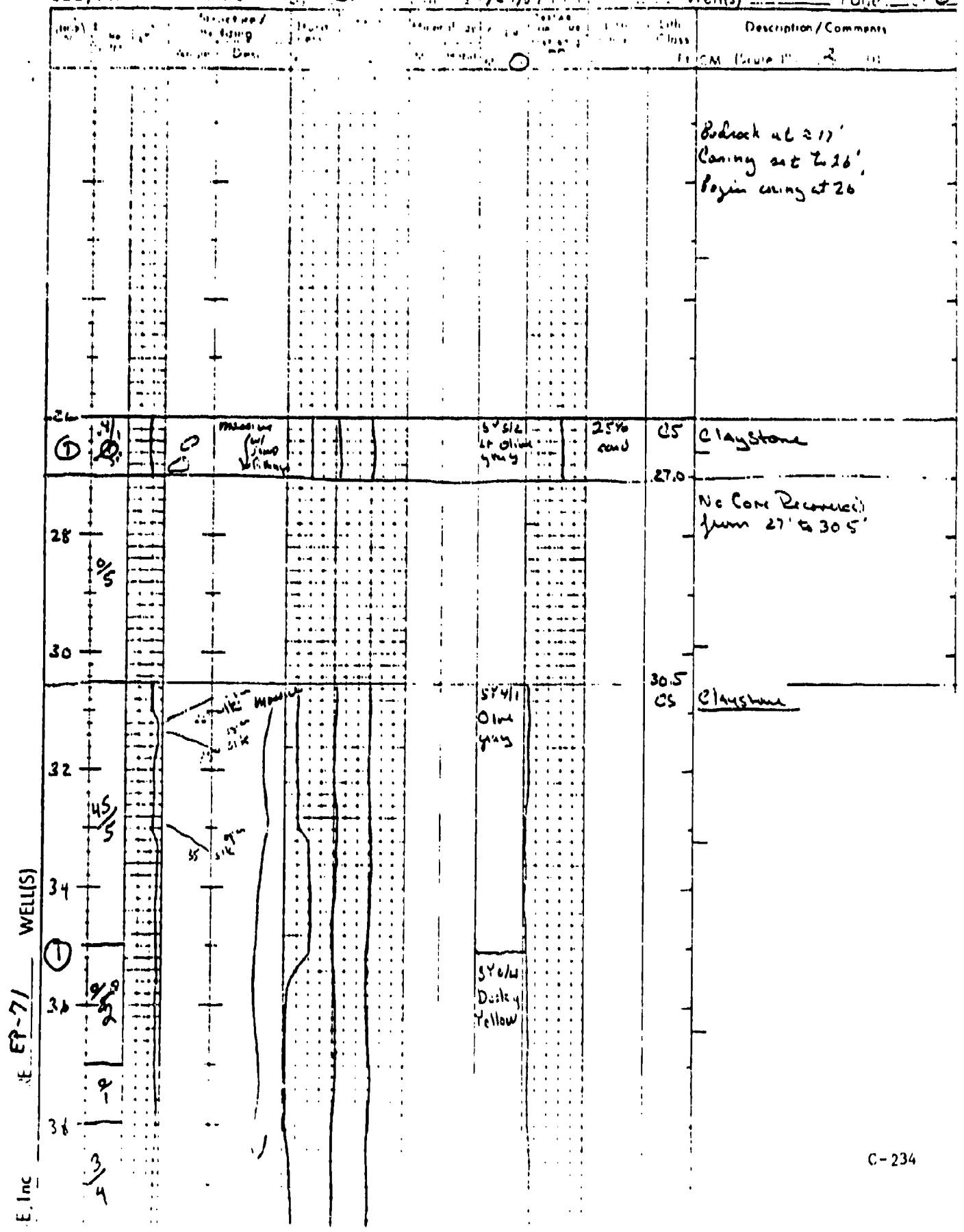
Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
24	9E-1K	2'	N/A	9E-1K		@24' well rounded gravel 10YR 5/3 @24.5'. Silty clay · weathered, 10YR 4/1 dk gray med. dense, moist
26						END OF BORING LOG

C-233

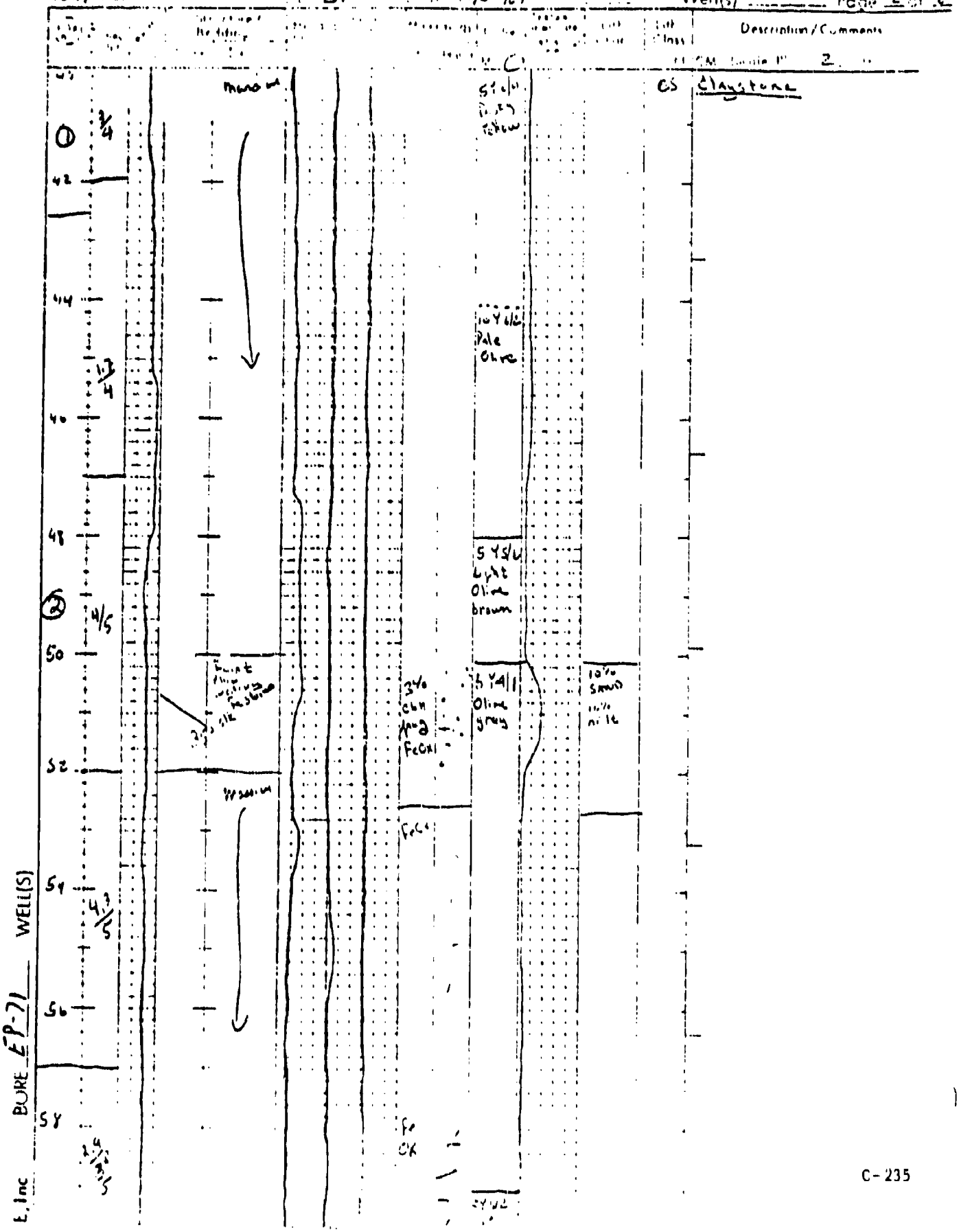
Drill Site Geologist: Date:

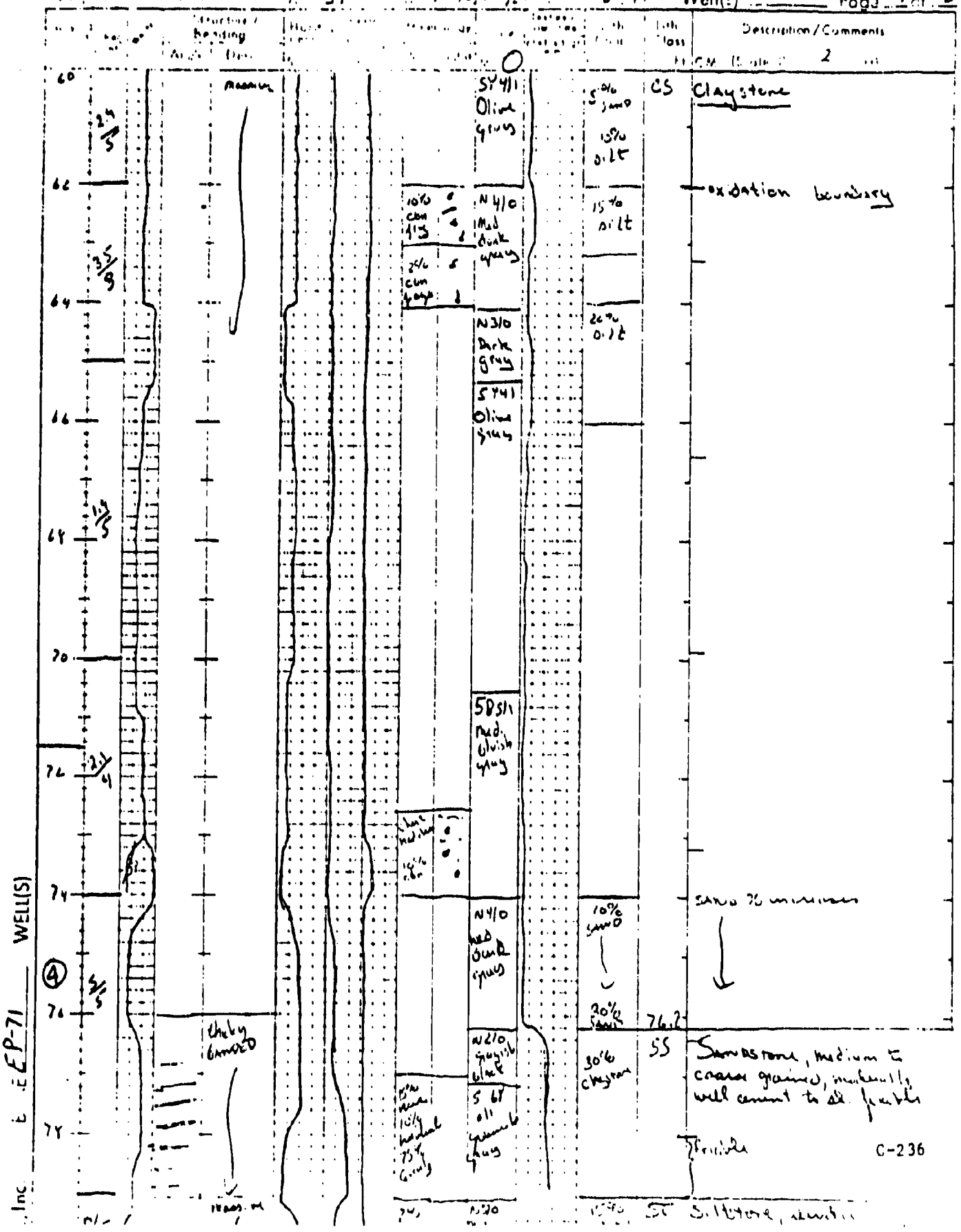
Reviewed By: Date:

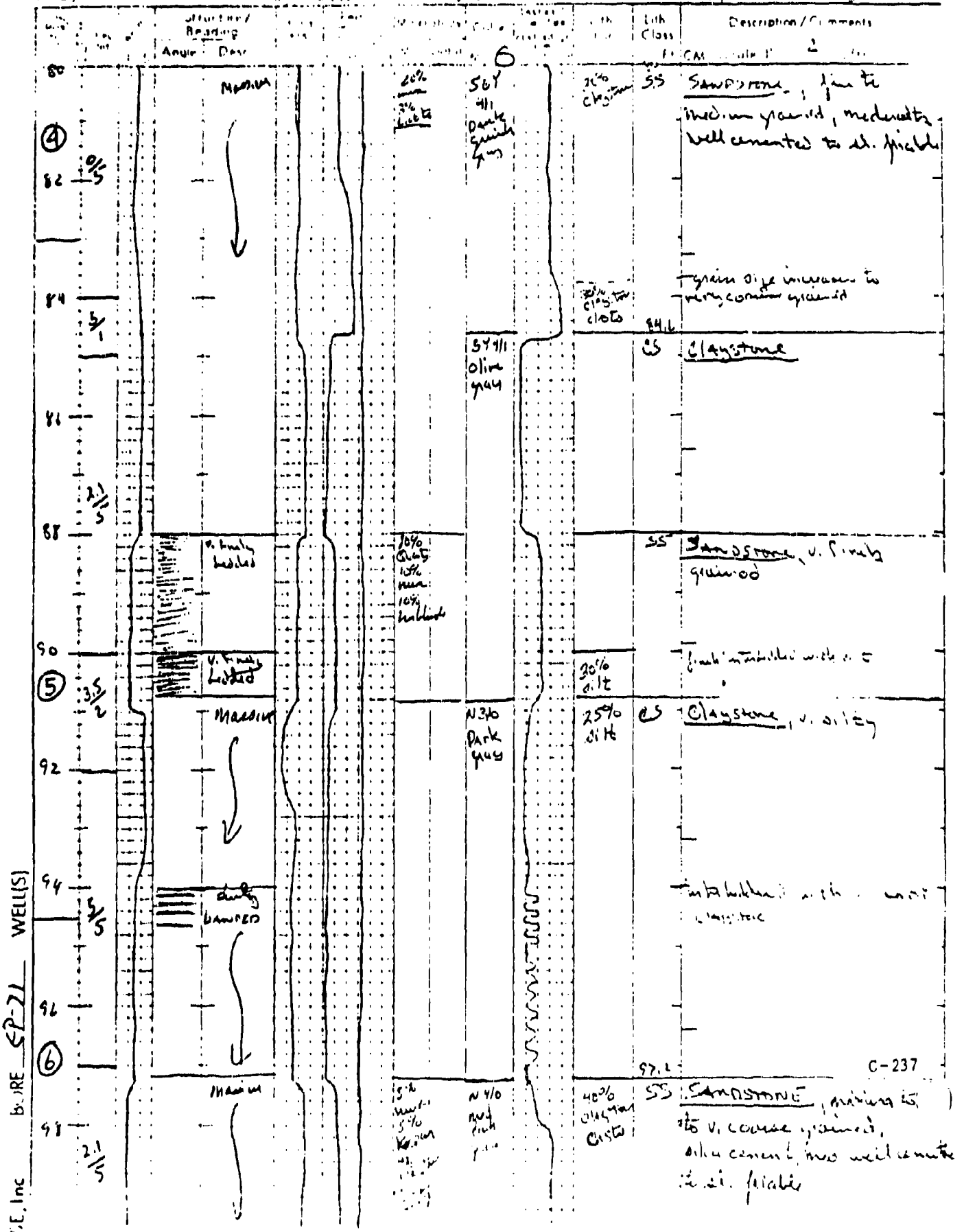
ESE, Inc. CORE LOG — SP — Date 10/27/87 — EP-7 — Well(s) ____ — Page 1 of 2



C-234

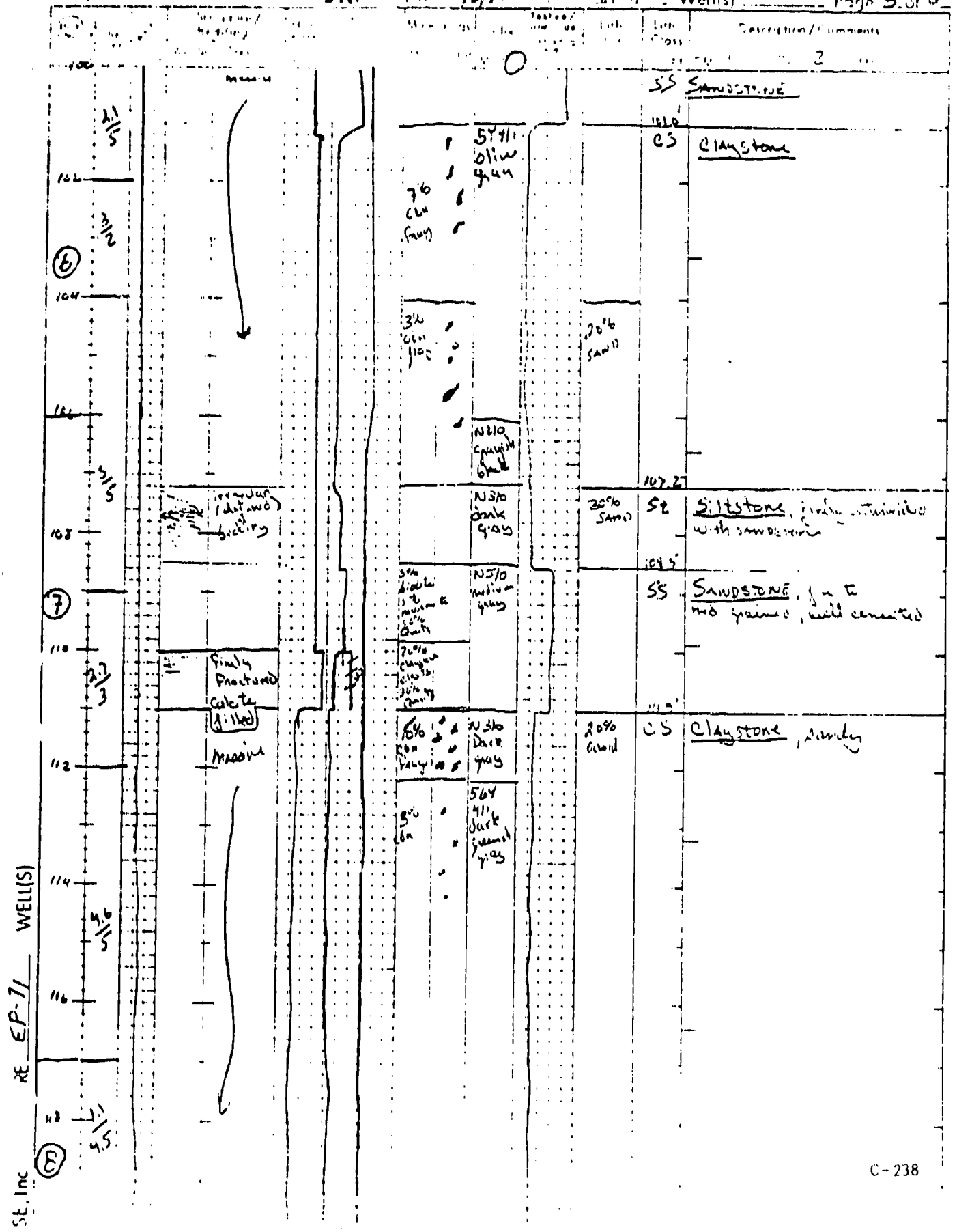

Description / Comments
CS Claystone
Moved
Pale Olive
Light Olive brown
Olive gray
Fe Ox
Fe OX
WELL(S)
BORE EP-71
E, Inc


Structure / Bedding
Description / Comments
Claystone
oxidation boundary
sand % minimum
Sandstone, medium to coarse grained, moderately well cement to slightly friable
EP-71
WELL(S)
C-236

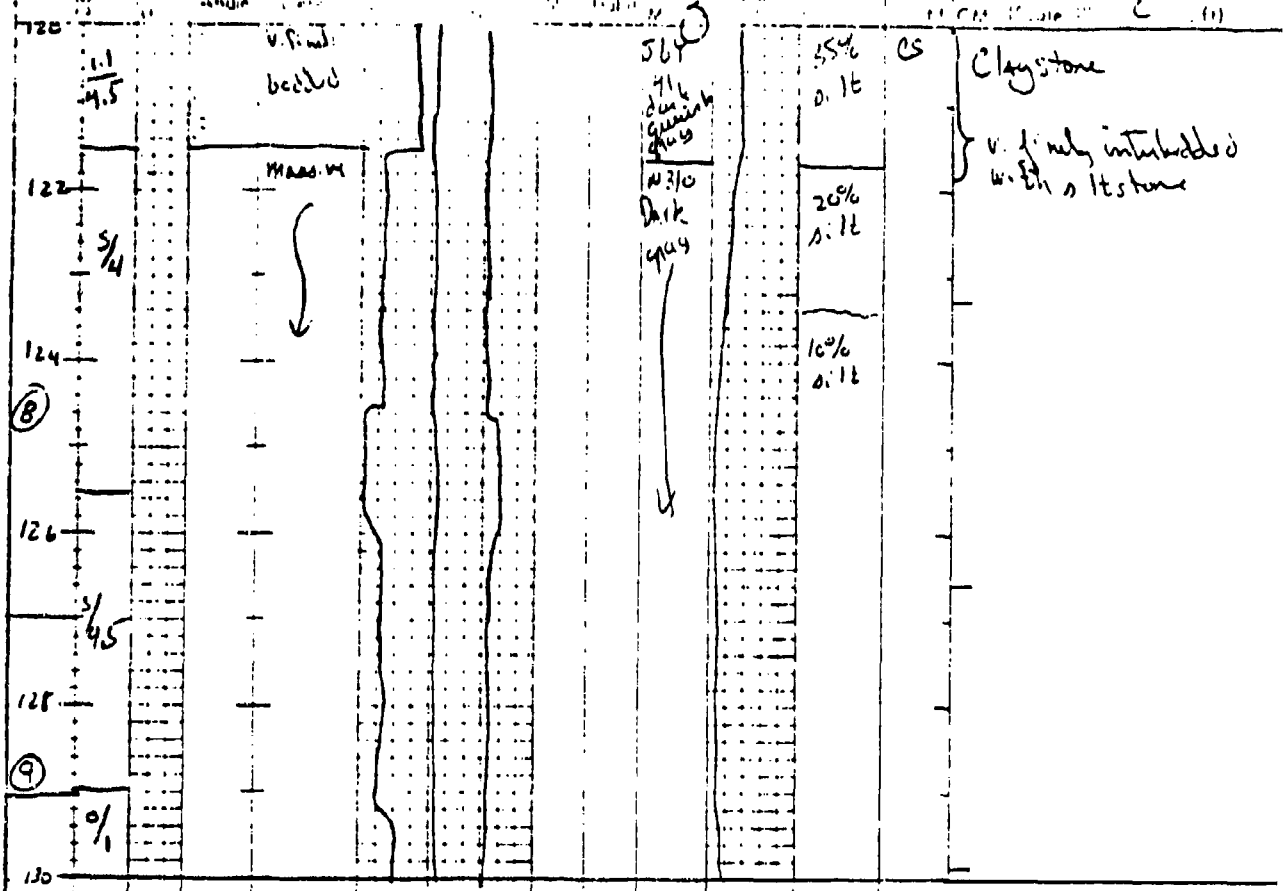


BORE EP-71 WELL(S)

SE, Inc


Description/Comments
SS Sandstone
CS Claystone
Siltstone
Sandstone
Claystone, sandy
Massive
Finely Fractured
Calcite filled
WELL(S) RE EP-71
C-238

ESE, Inc. CORE LOG by SP Date 11/2/94 BORE EP 71 Well(s) ____ Page 6 of



BORE EP-71 WELL(S)

ESE, Inc

Frontier Logging
Lakewood, Colorado

Date OCT. 23, 1987

Company ESE
Bore Hole EP-71
Area/Project RMA
County ADAMS COUNTY
State COLORADO
Section
Township
Range
Elevation
Log Measured From Ground Level
Drilling Measured From Ground Level
Driller Depth 129 FT
Bit Size 3 7/8"
Casing Depth 22 FT PVC
Fluid in Hole Native mud
Density/Viscosity
Rm @
Time In 1520
Time Out 1650
Unit No 110
Operator Wm Linton
Location Lakewood

EQUIPMENT DATA

T.D. Logged 125½ FT
Natural Gamma 200 Scale = 20 CPS per inch
Time Constant 2
Logging Speed 15 FT/MIN
CPS
Probe No 103-1421
Probe Diameter 1 5/8"
Detector Size xtal 3/4 x 1"
Source 2.38 x 10⁻⁵
Source Type 7
Weight
Mud Factor
Casing Factor
Resistance 40 ohms/5" Ohms per 5 inches
S.P. 60 MV/Inch MV per inch

NATURAL GAMMA RESPONSE (ANALOG)
(Initial log off scale)

Scale = CPS/in
T.C. Sec
Logging Speed Ft/Min
From Ft To Ft
Total Ft

1st run - hole blocked @ 115½ FT

2nd run in hole inside 96 FT of drill pipe
open hole log 96 FT - 125½

Gamma (Analog) Ft
Gamma (Digital) Ft
Caliper Ft
Temperature Ft

DIRECTIONAL DATA

Closure Ft
Azimuth
True Vertical Ft
Survey Depth Ft

Density Source No
Type
CPS/inch
Neutron Source No
Type
CPS/inch

C-240

NATURAL GAMMA 20 CPS (Initial Log)
S.P. - 60 MV +
RESISTANCE 40 OHMS/ 5 Inches

	True Vertical	Survey Depth
	"	"

NATURAL GAMMA

20 CPS

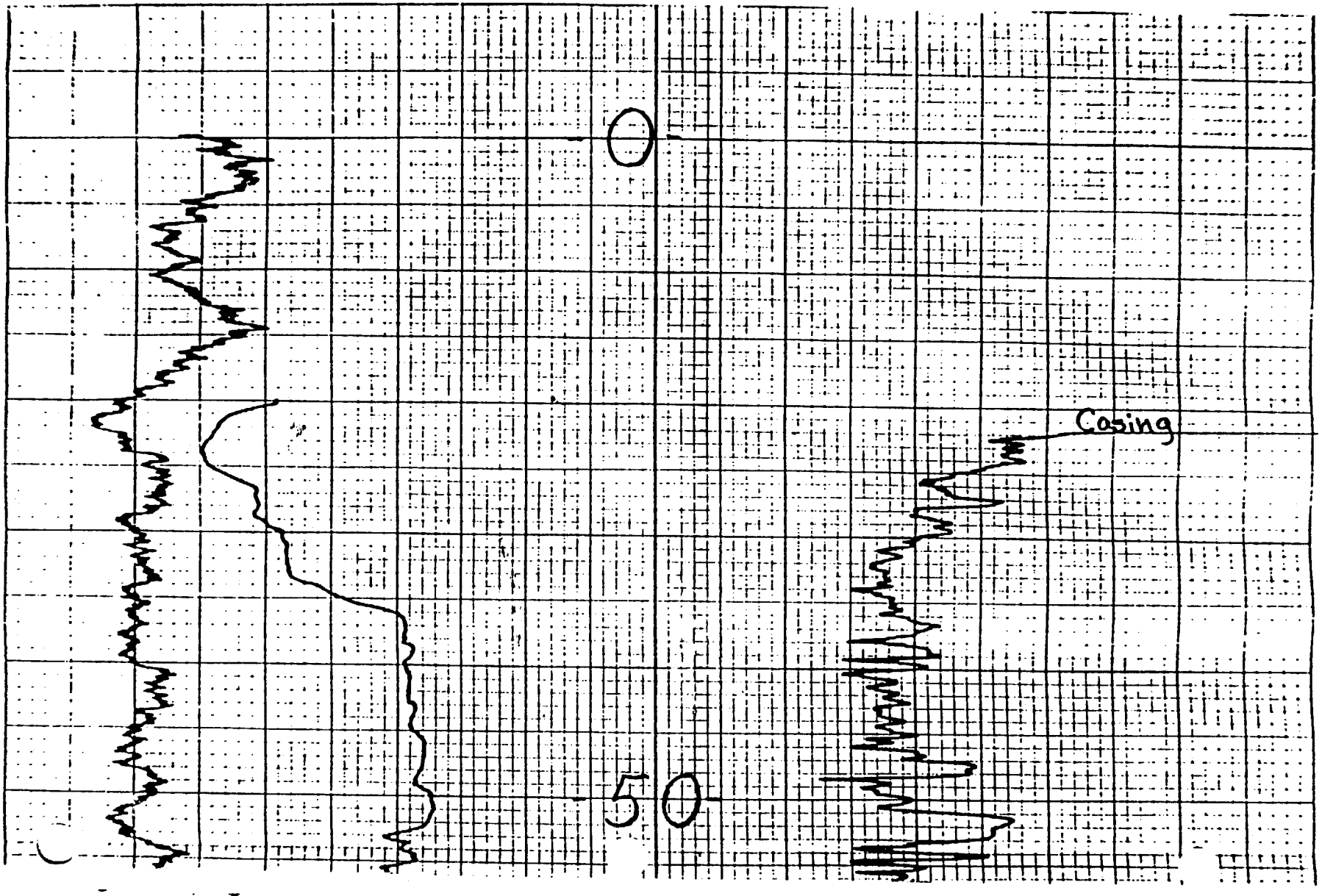
Inital Log

S.P.

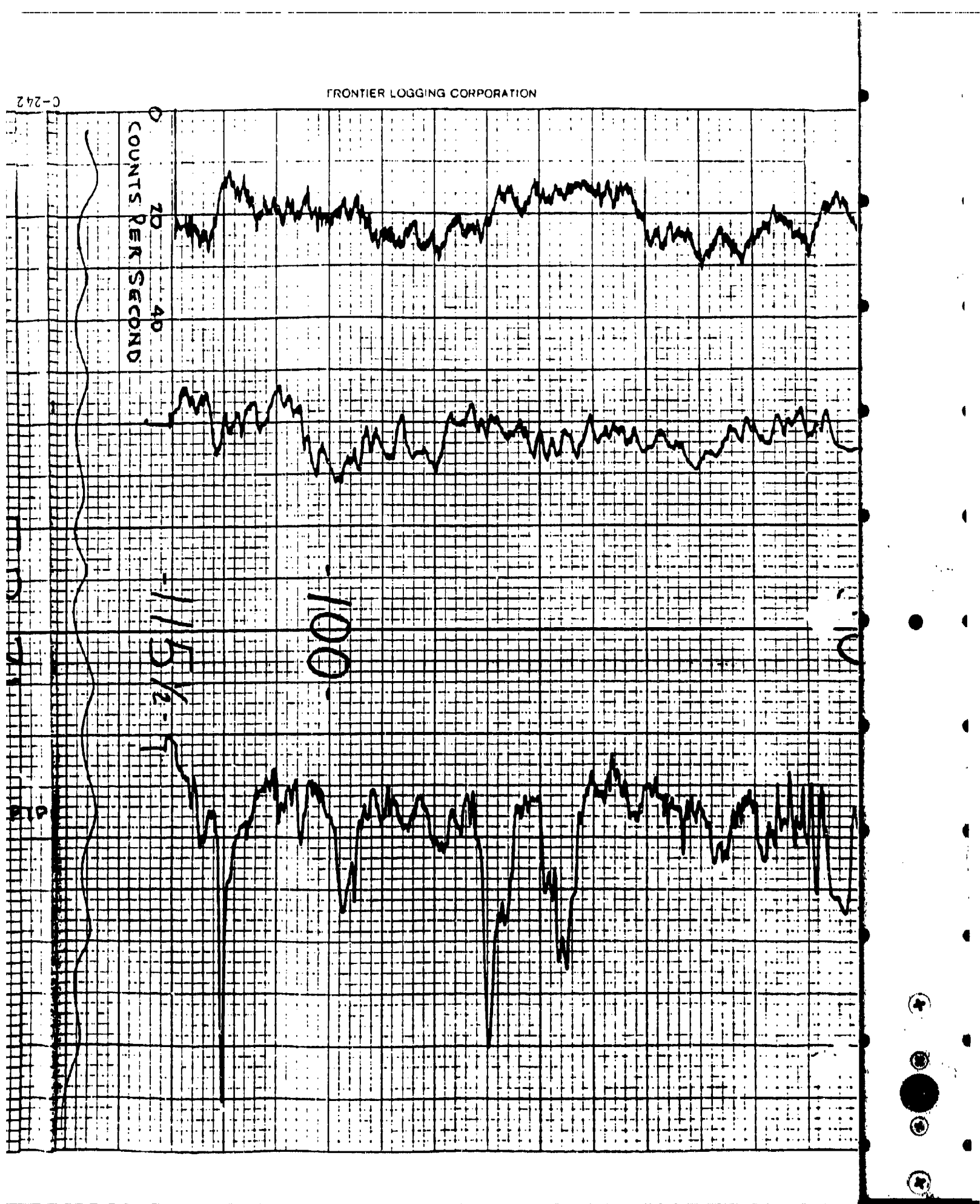
- 60 MV +

RESISTANCE

40 OHMS/ 5 Inches



C-241


FRONTIER LOGGING CORPORATION
C-242
0
20
40
COUNTS PER SECOND
100'
1"=5'
2"=1'

COUNTS PER SECOND
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P.
60 MV/INCH
RESISTANCE
40 OHMS/5 INCHES
PL-71
1000
1/2
1/2
Drill Pipe
Open End Drill Pipe
Open Hole

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole EP-71D1 Well 22337 SP 22079

Project Name and Location RMA MW INSTALLATION / SE, NE SECT. 22 Project Number TASK 4/4

Drilling Company ZURICH GEOTECH Driller BOB ZONCH / DON IRVING Rig Number ENVIRO 150

Drilling Method(s) ROTARY

Borehole Diameter	11 1/2	in.	cm.	0	ft. cm. to	29.2	ft. cm.
	7 7/8	in.	cm.	29	ft. cm. to	86.5	ft. cm.

Size(s) and types of Bit(s)	11 1/2" blade 6.7	Sampling Method(s)	Not Sampled (See EP-71 C-04
	7 7/8" blade 6.7	Date/Time Start Drilling	12/23/87 0900
Size and Type PVC	4" Schedule 40	Date/Time Finish Drilling	01/06/88 1400
Total Borehole Depth	86.10 ft. cm.	Date/Time Start Completion	01/06/88 1430
Depth to Bedrock	— ft. cm.	Date/Time Cement Protective Casing	12/23/87 1115
Depth to Water	N/A ft. cm.	Materials Used	31.00 ft 8 5/8" OD STEEL CASING
Water Level Determined By	N/A	Plain PVC	(7) 10 ft sections + 1 pc 6.77 ft.
Length Plain PVC (total)	76.77 ft. cm.	Slotted PVC	1 section = 10.43' (.010 slot)
Length of Screen	10.53 ft. cm.	Bentonite Pellets	3 buckets (3)
Total Length of Well Casing	87.76 ft. cm.	Bentonite Granular	2 bags (50 lbs)
PVC Stick Up	1.55' ft. cm.	Cement	14 bags
Depth to Bottom of Screen	86.11 ft. cm.	Sand	4 bags
Depth to Top of Screen	75.58 ft. cm.	Water added during completion	0
Depth to Top of Sand	65.20 ft. cm.	Water added during drilling	0
Depth to Top of Bentonite	64.40 ft. cm.	Total Gallons of water added	0

Drill Site Geologist [signature] Date 01-07-88

Weep hole: 3-10-88 / 1000 / SEW & RC

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 3/10 [illegible]

Date/Time/Personnel Casing Painted 3/21/88 1415 SPRIER

Date/Time/Personnel Numbers Painted 3/22/88 1450 BW-212

Materials Used 1 bags of cement

Top of Protective Casing to Top of PVC	2.27 ft. cm.	COMMENTS/NOTES	
Top of Protective Casing to Weep Hole	1.05 ft. cm.	5' steel casing [illegible]	
Top of Protective Casing to Internal Mortar	1.22 ft. cm.		
Top of Protective Casing to Top of Cement Pad	1.66 ft. cm.		
Top of Protective Casing to Ground Level	1.50 ft. cm.		

Reviewed By [signature] Date 3/31/88

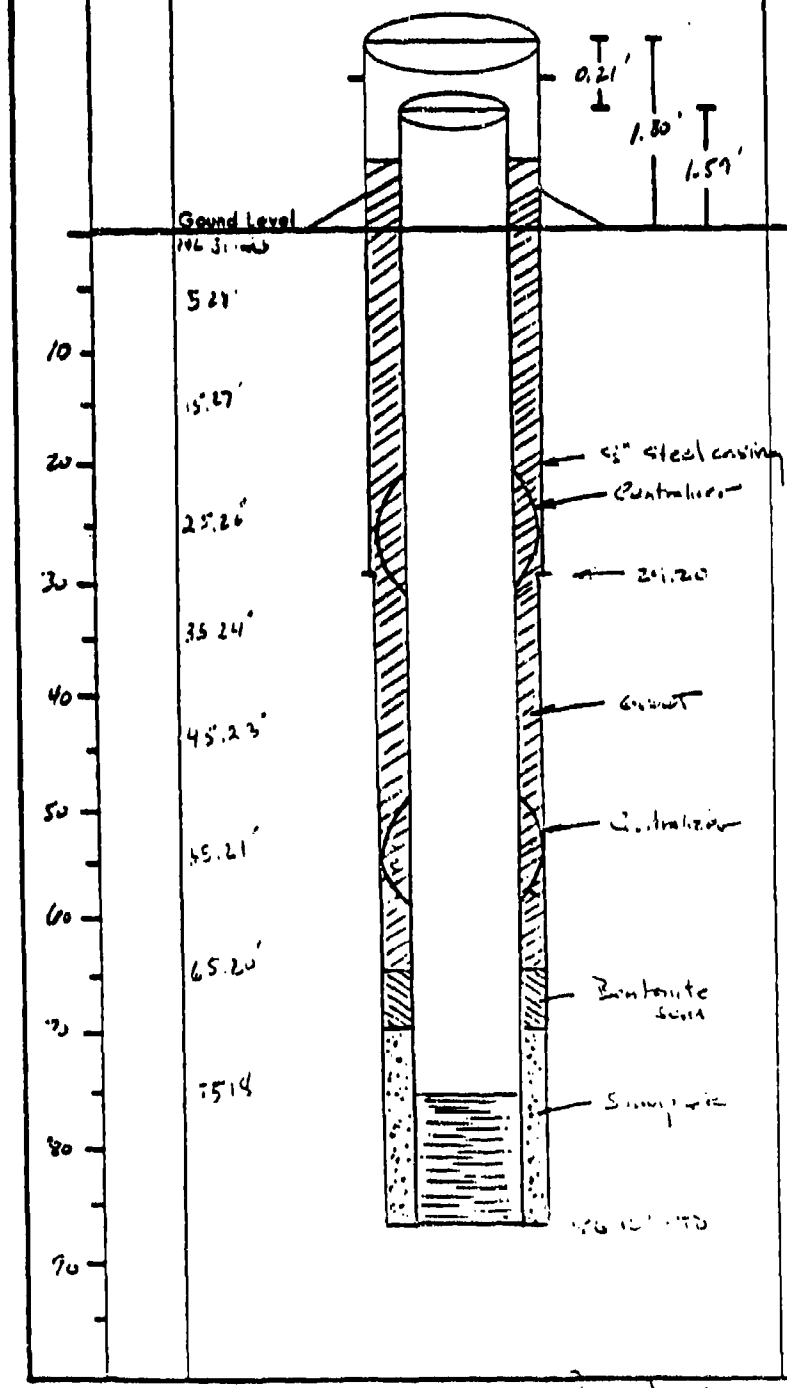
Drill Site Geologist [signature] Date 3/31/88

C-244

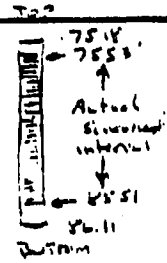
ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-71 D1 Well: ~~2755~~ SP 22079

Depth-feet	Soil/Rock Type	Well Completion	Description



Screen detail:



Drill Site Geologist: _____ Date: _____

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EB-71D1 Well 22079

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 3/9/93
Date Installed 01/06/93
Personnel (Name/Company) BW/ESE
RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 11½ in. 0 ft. to 20.2 ft.
7⅞ in. 24 ft. to 96.5 ft.
Rig Used ESE MW SERVICE TRUCK
Screen Interval 75.8 ft. to 96.11 ft.
Pump (Type/Capacity) GRUNDFOS / 5 GPM
ft. to ft.
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.59 ft.
Measured Well Depth TOC (Initial) 96.60 ft.
Bottom of Screen (Below G.L.) 96.11 ft.
(Final) 92.9 ft.
Water Level TOC/Date/Time (Initial) 22.65 / 3-9-93 / 1010
(after 24 hrs.) 36.6 / 4-4-18 / 1215
Feet of Water in Well 53.95 ft. x 0.653 gallons/foot = 35.23 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 41.23 ⇒ 50 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 235 gallons
Added Water 0 gallons
Total Purge Volume 140 gallons
Casing/Anulus Volume 35.23 gallons
Volume Measured By BS WILLIS BARNES
Surge Technique SWAB / BLOCK & BAIL

Calibration: pH Meter Used: BECKMAN #21 SN 06544
pH 7.00 = 7.00 7.01 at 18.6 °C, pH 10.00 = 10.05 at 18.3 °C
Conductance Meter Used: YSI MODEL 33 SN 93A3
Standard 1413 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume (gallons)	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, odor)
Initial 0	1624	14.6	11.84	1452	muddy, silt, dark clay, gray clay
10	1628	13.1	11.33	1026	very cloudy, clay, silt, gray
20	1633	13.4	11.36	1000	very cloudy, clay, silt, gray
30	1639	13.1	11.44	1061	very cloudy, clay, silt, gray
Final					

Remarks: Pump is packed w/ gray clay upon removal. Sump parts = 96.11 = Bottom of Screen, 96.6 = Top of Sump
Pump in hole. Pump @ 1630 for recharge. Well cleaned out to 96.6 on 3/10/93
1 Pump vol. = 35.23 gal. + 10 gal. = 45.23 gal. ⇒ 50 gal.
Pump @ 1643 for 10 min. = 20 gal. Well cleaned out to 96.6 on 3/10/93
Well still had 2.25 ft. clay in bottom.

Collected by _____ (signature)
Checked by _____ (signature)

C-246

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-7101 Well 22079

Project RMA Oil Post
Project Number Task 44
Date(s) Developed 3-10-88
Date Installed 01-06-88
Personnel (Name/Company) DLW/ESE
RR/ESE BW/ESE
Well Diameter (I.D.) 4" in.
Anulus Diameter 11 1/2 in. 0 ft. to 24.2 ft.
7 7/8 in. 24 ft. to 76.5 ft.
Rig Used ESE Well Service Truck
Pump (Type/Capacity) Grundfos / 5 GPM
Screen Interval 75.15 ft. to 61.11 ft.
Bailer (Type/Capacity) N/A
ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 1.39 ft.
Measured Well Depth TOC (Initial) 76.60 ft.
Bottom of Screen (Below G.L.) 76.11 ft.
(Final) 47.9 ft.
Water Level TOC/Date/Time (Initial) 22.65/3-9-88/1616
(after 24 hrs.) 36.6/3-9-88/1216
Feet of Water in Well 53.95 ft. x 0.653 gallons/foot = 35.23 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 56 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 236 gallons
Added Water 0 gallons
Total Purge Volume 140 gallons
Casing/Anulus Volume 35.23 gallons
Volume Measured By 55 gal. Drum
Surge Technique Bailer/Lower Pump

Calibration: pH Meter Used: Beckman 21 SN # 16344
pH 7.00 = 7.16 at 9.1 °C, pH 10.00 = 10.14 at 9.5 °C
Conductance Meter Used: YSI Model 32 SN # 76003
Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25.5 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0 | 30	11:53	9.3°	10.14	3060	Muddy, brown, [illegible] Gray silt, black clay
(35) 35	11:56	10.[illegible]°	9.99	3250	[illegible]
(140) 140	12:01	12.1°	10.07	2700	[illegible]
Final					

Remarks: Water level = 53.84 (measured from top of casing = 78.0
Pump on 1150 / Pump off for recovery 1200 / 1355 [illegible]
1 Purge vol = 35.23 gallons
14.23 Sandpack
49.23 gallons total

Collected by [illegible] Signature 3/10/88
Checked by Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP71D1 Well 22079

Project RMA on Post
Date(s) Developed 3-10-88
Personnel (Name/Company) RR/ESE BKV/ESE

Project Number Task 44
Date Installed 01-06 88
Well Diameter (I.D.) 4 in.
Anulus Diameter 11"2 in. 0 ft. to 29.2 ft.
7 7/8 in. 29 ft. to 86.5 ft.
Screen Interval 75.18 ft. to 96.11 ft.
___ ft. to ___ ft.
Casing Height (Above G.L.) 1.59 ft.
Bottom of Screen (Below G.L.) 96.11 ft.

Rig Used ESE Well Service Truck
Pump (Type/Capacity) Grundfos / 5 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Measured Well Depth TOC (Initial) 76.60 ft.
(Final) 89.9 ft.
Water Level TOC/Date/Time (Initial) 22.65 / 3-9-88 / 1610
(after 24 hrs.) 36.6 / 4-4-141 1215
Feet of Water in Well 53.95 ft. x .653 gallons/foot = 35.23 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 35.23 gallons

One Purge Volume 50 gallons
Minimum Purge Volume 350 gallons
Total Purge Volume 146 gallons
Volume Measured By 5 5-Gal. Bucket
Surge Technique Surge w/ pump

Calibration: pH Meter Used: Beckman ϕ 71 SN. 016344
pH 7.00 = 7.04 at 13.3 °C. pH 10.00 = 10.10 at 13.3 °C
Conductance Meter Used: YSI Model 33 S/N 3603
Standard 1413 umhos/cm at 25°. Reading 1411 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 44	1009	9.3	9.11	3990	Muddy [illegible] and black [illegible]
(5) 49	1014	4.7	9.43	4590	Cleared up a lot still some fine sand
(9) 53	1017	9.4	9.26	4930	Clear w/ [illegible]
Flowed					
Final					

to 7753 37.53 w/ Submsb

Remarks: Water level : 69.10 well depth 89.9 Start pump 1006 [illegible] pumped at 9 gallons

Collected by [signature] Signature
Checked by ___ Signature

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WELL DEVELOPMENT DATA

Bore ED-7D1 Well 32029

Project RMA ON-LOT Project Number TASK 44

Date(s) Developed 3/14/88 Date Installed 02/06/88

Personnel (Name/Company) DW/ESE 4

BW/ESE

Rig Used ESE WATER TRUCK

Pump (Type/Capacity) GRUNDFOS / 5 GPM

Bailer (Type/Capacity) N/A

Water Source RMA

Measured Well Depth TOC (Initial) 76.60 ft. (Final) 82.9 ft.

Anulus Diameter 11" in. 0 ft. to 39.2 ft.
7⅞ in. 29 ft. to 86.5 ft.

Screen Interval 75.8 ft. to 80.11 ft.
ft. to ft.

Casing Height (Above G.L.) 1.57 ft.

Bottom of Screen (Below G.L.) 80.11 ft.

Water Level TOC/Date/Time (Initial) 23.65 / 3-9-88 / 1610

(after 24 hrs.) 36.16 / 4-4-13 / 1215

Feet of Water in Well 53.95 ft. x 0.65 gallons/foot = 35.23 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons

Purge Water Lost N/A gallons

Added Water 0 gallons

Casing/Anulus Volume 35.23 gallons

One Purge Volume 50 gallons

Minimum Purge Volume 350 gallons

Total Purge Volume 146 gallons

Volume Measured By 55 GALLON BARREL

Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: ORION SA 250 SN.

pH 7.00 = 7.00 at 19.5 °C, pH 10.00 = 10.00 at 19.5 °C

Conductance Meter Used: YSI MODEL 32 SN: 2000

Standard 1413 umhos/cm at 25°. Reading 1415 umhos/cm at 23° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 53	0933	10.8	8.73	4780	Very cloudy w/ [illegible]
58	0937	11.1	8.68	5040	cloudy w/ [illegible]
63	0940	11.2	8.64	5110	cloudy w/ [illegible]
68	0943	11.0	8.61	5050	cloudy w/ [illegible]
73	0946	12.1	8.57	4844	cloudy w/ [illegible]
Final 77	0949	12.1	8.60	4910	cloudy w/ [illegible]

DEWATERED IN 24 GALLONS

Remarks: Water level = 45.50 after Purge, 24 hr level = 37.55

* 1 Purge vol = 35.23 casing
1 1/2 Evacuate
= 52.85 = 50 gal.

Collected by [signature] Signature

Checked by _____ Signature

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WELL DEVELOPMENT DATA

Bore EP-7101 Well 22079

Project RMA ON-POST
Date(s) Developed 3/15/88
Personnel (Name/Company) DW/SJC
BW/ESE
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.25" x 20'
Water Source RMA
Measured Well Depth TOC (Initial) 76.60 ft.
(Final) 87.5 ft.

Project Number TASK 44
Date Installed 1-6-88
Well Diameter (I.D.) 4 in.
Anulus Diameter 11¼ in. 0 ft. to 24.6 ft.
7⅞ in. 24.6 ft. to 86.5 ft.
Screen Interval 76.16 ft. to 86.11 ft.
____ ft. to ____ ft.
Casing Height (Above G.L.) 1.57 ft.
Bottom of Screen (Below G.L.) 86.11 ft.

Water Level TOC/Date/Time (Initial) 22.65 / 3-4-88 / 1610
(after 24 hrs.) 36.6 / 3-4-88 / 1215
Feet of Water in Well 53.95 ft. x .653 gallons/foot = 35.23 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 35.23 gallons

One Purge Volume 50 gallons
Minimum Purge Volume 250 gallons
Total Purge Volume 140 gallons
Volume Measured By 55 gallon barrel / 5 gal. bucket
Surge Technique BAILING

Calibration: pH Meter Used: ORION SA 230 SN 1064
pH 7.00 = 7.00 at 10.5 °C. pH 10.00 = 10.00 at 11.4 °C
Conductance Meter Used: YSI model 32 SN 7663
Standard 1413 umhos/cm at 25°. Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 77	1002	12.4	8.29	5170	very cloudy w/ [illegible]
83	1016	12.8	8.56	5030	very cloudy w/ [illegible]
87	1023	12.5	8.69	5010	very cloudy w/ [illegible]
92	1030	12.5	8.74	4930	[illegible]
98	1039	12.5	8.56	4950	[illegible]
Final					[illegible]

Remarks: Water level = 10.44 Standing total depth = 57.25 (5.7 feet)
Top reading (TOC) = 5.7 feet

1 linear vol. 3568 casing
+ 140 Sandpack
2123 => 5-gals

Collected by _____ Signature
Checked by _____ Signature

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WELL DEVELOPMENT DATA

Bore EP-7(D)1 Well 22079

Project RMA EP-1&T
Date(s) Developed 3-10-93
Personnel (Name/Company) DSW/ESE
SW/ESE
Rig Used ESE well service truck
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.25" x 2.0'
Water Source RMA

Project Number TA 54 44
Date Installed 1-6-93
Well Diameter (I.D.) 4 in.
Anulus Diameter 11¼ in. 0 ft. to 24.2 ft.
7⅞ in. 24 ft. to 80.5 ft.
Screen Interval 75.18 ft. to 85.11 ft.
____ ft. to ____ ft.
Casing Height (Above G.L.) 1.57 ft.
Bottom of Screen (Below G.L.) 76.11 ft.

Measured Well Depth TOC (Initial) 76.60 ft.
(Final) 87.9 ft.
Water Level TOC/Date/Time (Initial) 22.05 / 3-9-93/1010
(after 24 hrs.) 36.6 / 3-9-93/1215
Feet of Water in Well 53.45 ft. x .653 gallons/foot = 35.23 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 35.23 gallons

One Purge Volume 50 gallons
Minimum Purge Volume 250 gallons
Total Purge Volume 146 gallons
Volume Measured By 5 gal. bucket
Surge Technique Bailing

Calibration: pH Meter Used: ORION SA 230 SN: 1064
pH 7.00 = 7.00 at 26 °C, pH 10.00 = 10.00 at 50 °C
Conductance Meter Used: YSI model 32 SN: 2003
Standard 1413 umhos/cm at 25°, Reading 1417 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 48	0925	10.6	8.21	5340	cloudy w/ strong odor
103	0938	9.6	8.34	5270	very cloudy w/ strong odor, some sediment
108	0955	8.5	8.31	5220	very cloudy w/ some strong odor, some sediment
113	1015	10.9	8.41	5150	very cloudy w/ some odor, some sediment
118	1034	10.1	8.62	5070	very cloudy w/ some odor, some sediment
Final					DSW

Remarks: Water level = 65.07 Developed in 2 20 minute shifts. Set 4" stainless steel screen
Measured TD = 87.5' for bladder pump on completion

1 Purge vol 35.23 casing
140 Sandpoint
49.23 = 50 gal

Collected by _____ Signature 3/10/93
Checked by _____ Signature

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WELL DEVELOPMENT DATA

Bore EP-701 Well 22079

Project Rmtl ON-SIT Project Number TASK 44

Date(s) Developed 3-14-90 Date Installed 1-6-88

Personnel (Name/Company) RW/ESE

RW/ESE RE/ESE Well Diameter (I.D.) 4 in.

Rig Used ESE VEH SERVICE TRUCK Anulus Diameter 11" in. 2 ft. to 29 ft.

Pump (Type/Capacity) N/A 7" in. 29 ft. to 86.5 ft.

Bailer (Type/Capacity) 3.5" x 2.0' Screen Interval 75.8 ft. to 86.11 ft.

Water Source Rmt ft. to ft.

Casing Height (Above G.L.) 1.57 ft.

Measured Well Depth TOC (Initial) 76.60 ft. Bottom of Screen (Below G.L.) 86.11 ft.

(Final) 87.9 ft.

Water Level TOC/Date/Time (Initial) 22.65 / 3-9-90 / 1610

(after 24 hrs.) 36.6 / 4/4/1988 / 1215

Feet of Water in Well 53.95 ft. x .65 gallons/foot = 35.07 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 50 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 250 gallons

Added Water 0 gallons Total Purge Volume 146 gallons

Casing/Anulus Volume 35.23 gallons Volume Measured By 5 GAL BUCKET

Surge Technique SWABBING

Calibration: pH Meter Used: ORION SA 230 SN 1664

pH 7.00 = 7.00 at 37 °C, pH 10.00 = 10.00 at 37 °C

Conductance Meter Used: YSI MODEL 32 SN 2661

Standard 1413 umhos/cm at 25°, Reading 1411 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 118	0955	10.9	8.06	5210	slightly cloudy, brown
128	0907	11.7	8.05	5270	slightly cloudy, brown silt
132	0910	11.7	8.04	5280	cloudy w/ brown silt
140	1325	11.8	8.12	5210	light cloudy w/ brown silt
Final 146	1344	11.3	8.51	5020	very cloudy w/ brown silt some sand
Final DW					

Developed in 2 hours. DEVELOPMENT FINALIZED AFTER 3 CONSECUTIVE SAMPLES

Remarks: Water level = 53.32 TOC Bgs Prior to 1942 Final sampling

Collected by _____ Signature C-252

Checked by _____ Signature

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WELL CONSTRUCTION SUMMARY

Borehole EP-71 D2 Well 22080

Project Name and Location RMA MW Installation / SE, NE SEC. 22 Project Number TASK 44

Drilling Company Bayles Bros. Driller Bob Roach Rig Number Failing 1500

Drilling Method(s) Rotary

Borehole Diameter 11 3/4 in. ____ cm. 0 ft. ____ cm. to 91 ft. ____ cm

7 7/8 in. ____ cm. 91 ft. ____ cm. to 102 ft. ____ cm

Size(s) and types of Bit(s) 11 3/4" blade bit
7 7/8" blade bit

Size and Type PVC 4" Schedule 40

Total Borehole Depth	102.8 ft.	____ cm.	
Depth to Bedrock	— ft.	____ cm.	
Depth to Water	— ft.	____ cm.	
Water Level Determined By	—		
Length Plain PVC (total)	97.19 ft.	____ cm.	
Length of Screen	5.81 ft.	____ cm.	
Total Length of Well Casing	103.70 ft.	____ cm.	
PVC Stick Up	2.0 ft.	____ cm.	
Depth to Bottom of Screen	101.70 ft.	____ cm.	
Depth to Top of Screen	95.89 ft.	____ cm.	
Depth to Top of Sand	92.88 ft.	____ cm.	
Depth to Top of Bentonite	85.68 ft.	____ cm.	

Sampling Method(s) Not Sampled (See EP-71)

Date/Time Start Drilling 1-11-88 / 0417

Date/Time Finish Drilling 1-13-88 / 1215

Date/Time Start Completion 1-13-88 / 1345

Date/Time Cement Protective Casing 1-12-88 / 16

Materials Used 93.99' 3" Steel casing

Plain PVC 10 sections (97.89') Schedule

Slotted PVC (1) 5' section + endcap = 5.8

Bentonite Pellets 1.5 buckets

Bentonite Granular 7.7 bags (50 lb bags)

Cement 37 bags (94 lb bags)

Sand 1.5 bags (100 lb bags)

Water ~~added~~ circulated during completion ~100 gallons

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist [signature] Date 01/14/88

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD [illegible]

Date/Time/Personnel Casing Painted 3/21/88 [illegible]

Date/Time/Personnel Numbers Painted 3/21/88 [illegible]

Materials Used 10 bags concrete

Top of Protective Casing to Top of PVC	0.10 ft.	____ cm.	
Top of Protective Casing to Weep Hole	[illegible] ft.	____ cm.	
Top of Protective Casing to Internal Mortar	[illegible] ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	[illegible] ft.	____ cm.	
Top of Protective Casing to Ground Level	2.10 ft.	____ cm.	

COMMENTS/NOTES

5" Steel casing above top [illegible]

Reviewed By [signature] Date [illegible]

Drill Site Geologist [signature] Date [illegible]

C-

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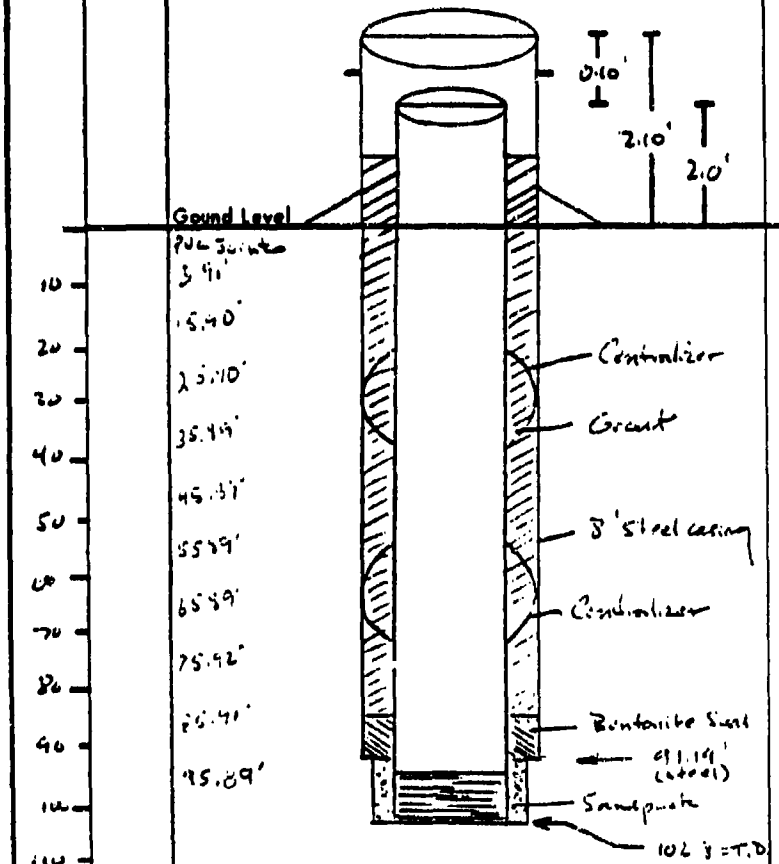
Borehole: EP-7102 Well: 72080

Depth-Feet	Soil/Rock Type	Well Completion	Description

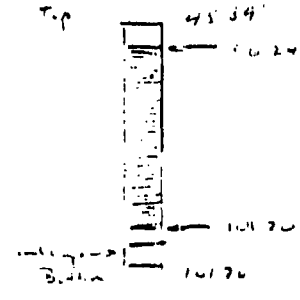


Centralizer @ 30.1'

Centralizer @ 65.9'

8" steel casing set to 91.19'
Top of Bentonite = 85.6'
Top of Sand = 92.8'
Top of Screen = 95.8'
Actual screened interval = 96.3 - 101.20'
Bottom of Screen = 101.70'
Total Borehole depth = 102.5'

Screen detail:



Drill Site Geologist: [signature] Date: 11/10/92

Reviewed By: [signature] Date: 11/

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7332 SOUTH ALTON WAY • SUITE H-I
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WELL DEVELOPMENT DATA

Bore ED-71D2 Well 22050

Project RMA ON TEST
Date(s) Developed 3-9-88
Personnel (Name/Company) RR/ESE BW/ESE

Rig Used ESE with Service Truck
Pump (Type/Capacity)
Bailer (Type/Capacity)
Water Source RMA
Measured Well Depth TOC (Initial) 102.5 ft.
(Final) 103.85 ft.
Water Level TOC/Date/Time (Initial) 36.10 / 3-9-88 / 1510 / BW
(after 24 hrs.) 43.7 / 4-9-88 / 1443
Feet of Water in Well 66.4 ft. x 0.653 gallons/foot = 43.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 43.36 gallons

Project Number TASK 44
Date Installed 1/13/88
Well Diameter (I.D.) 4" in.
Anulus Diameter 11 3/4 in. 0 ft. to 91 ft.
7 7/8 in. 91 ft. to 102 ft.
Screen Interval 95.89 ft. to 101.70 ft.
ft. to ft.
Casing Height (Above G.L.) 2.0 ft.
Bottom of Screen (Below G.L.) 101.70 ft.

One Purge Volume 13. gallons
Minimum Purge Volume 256. gallons
Total Purge Volume 130 gallons
Volume Measured By 55 gallon drum
Surge Technique Bailer / Lower & pump

Calibration: pH Meter Used: Beckman ϕ 21 pH meter S/N 016344
pH 7.00 = 7.02 at 20.0 °C, pH 10.00 = 10.07 at [illegible] °C
Conductance Meter Used: YSI Model 33 S/N 2603
Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	1521	14.6	12.32	6070	Cloudy [illegible]
[illegible]	1524	13.4	12.16	5260	Becoming [illegible]
26	1529	14.0 13.90	12.20	5200	[illegible]
30	1537	14.6	12.22	[illegible]	[illegible]
40	1545	14.1	12.40	[illegible]	[illegible]
~~Final~~ 42	1558	15.0	12.37	[illegible]	Clear

Drill Cuttings in 42 gallons
Remarks: [illegible] Pump @ 2 GPM for recovery Temp in [illegible]

* 1 Purge vol. [illegible] Collected by [illegible]
- 2 vol. Conductance
51.25 Checked by

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WELL DEVELOPMENT DATA

Bore EA 71D2 Well 22080

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 3/10/88
Date Installed 1/13/88
Personnel (Name/Company) DJW/ESE
RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Rig Used ESE WELL SERVICE TRUCK
Anulus Diameter 11¾ in. 0 ft. to 91 ft.
7⅝ in. 91 ft. to 102 ft.
Pump (Type/Capacity) GRUNDFOS / 560M
Screen Interval 95.89 ft. to 101.78 ft.
Bailer (Type/Capacity) N/A
___ ft. to ___ ft.
Water Source RMA
Casing Height (Above G.L.) 2.0 ft.
Measured Well Depth TOC (Initial) 102.5 ft.
(Final) 103.45 ft.
Bottom of Screen (Below G.L.) 101.70 ft.
Water Level TOC/Date/Time (Initial) 36.10 / 3-9-88 / 1510
(after 24 hrs.) 43.7 / 3-10-88 / 1443
Feet of Water in Well 66.4 ft. x .653 gallons/foot = 43.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 52 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 256 gallons
Added Water 0 gallons
Total Purge Volume 157 gallons
Casing/Anulus Volume 43.36 gallons
Volume Measured By 55 GALLON BARREL
Surge Technique RAISE / LOWER PUMP

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 016744
pH 7.00 = 7.10 at 3.3 °C, pH 10.00 = 10.28 at 2.9 °C
Conductance Meter Used: YSI MODEL 32 SN: 7603
Standard 1413 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 42	1430	10.6	12.17	5710	cloudy w/ gray silt [illegible] small amounts of [illegible]
(2) 52	1433	9.9	12.06	5180	[illegible] cloudy some fine sand [illegible]
(15) 57	1435	10.02	12.08	5170	[illegible] cloudy some silt [illegible]
(17) 59	1439	9.3	12.13	5160	[illegible]
Final					

Remarks: Water level = 72.61 Measured well depth = 103.69'
Pump on 1425 / 1438 Pump #1 DEWATERED IN 17 GALLONS.

* Purge vol. = 43.4 casing vol. + 9 sandpack vol. = 52.4 ≈ 52 gallons

Collected by _____ Signature
Checked by _____ Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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WELL DEVELOPMENT DATA

Bore EP 7102 Well 32080

Project RMA On-Post
Project Number Tusk 44
Date(s) Developed 3-11-88
Date Installed 1-13-88
Personnel (Name/Company) RR/ESE BW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 11 3/4 in. 0 ft. to 91 ft.
8 5/8 in. 91 ft. to 102 ft.
Rig Used ESE Well Service Truck
Screen Interval 93.54 ft. to 101.70 ft.
Pump (Type/Capacity) Grundfos / 5 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 2.6 ft.
Measured Well Depth TOC (Initial) 102.5 ft.
Bottom of Screen (Below G.L.) 101.70 ft.
(Final) 103.35 ft.
Water Level TOC/Date/Time (Initial) 36.10 / 3-9-88 / 1510
(after 24 hrs.) 43.7 / 3-4-88 / 1002
Feet of Water in Well 66.4 ft. x .653 gallons/foot = 43.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 52 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 325 gallons
Added Water 0 gallons
Total Purge Volume 130 gallons
Casing/Anulus Volume 43.36 gallons
Volume Measured By 55 Gallon Barrel
Surge Technique Surge / Over-Pump

Calibration: pH Meter Used: Beckman ϕ 21 S.N: 016344
pH 7.00 = 7.04 at 13.3 °C, pH 10.00 = 10.04 at 13.3 °C
Conductance Meter Used: YSI Model 32 S.N. 2603
Standard 1413 umhos/cm at 25°, Reading 1411 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 52	1052	10.4	11.94	5040	
15 64	1056	10.4	12.15	3240	
130 65	1059	10.3	11.97	3360	
			-		
Final					

Remarks: Water level = 91.53
Purged 130 gallons

Collected by _____ Signature
Checked by _____ Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-7D2 Well 22080

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 3-14-88
Date Installed 1-13-88
Personnel (Name/Company) DLW RSE
RW LSE
Well Diameter (I.D.) 4 in.
Anulus Diameter 10 3/4 in. 0 ft. to 91 ft.
7 5/8 in. 91 ft. to 102 ft.
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS / 5GPM
Screen Interval 91.89 ft. to 101.70 ft.
Bailer (Type/Capacity) N.A
____ ft. to ____ ft.
Water Source RMA
Casing Height (Above G.L.) 2.0 ft.
Measured Well Depth TOC (Initial) 102.5 ft.
Bottom of Screen (Below G.L.) 101.70 ft.
(Final) ____ ft.
Water Level TOC/Date/Time (Initial) 36.10 / 3-4-88 / 1510
(after 24 hrs.) 43.7
Feet of Water in Well 66.4 ft. x .653 gallons/foot = 43.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 43.36 gallons
One Purge Volume * 52 gallons
Minimum Purge Volume 256 gallons
Total Purge Volume 134 gallons
Volume Measured By 55 GALLON BARREL
Surge Technique RAISE / LOWER PUMP

Calibration: pH Meter Used: ORION SA 230 SN. 1064
pH 7.00 = 10.00 7.00 at 14.0 °C, pH 10.00 = 10.00 at 14.6 °C
Conductance Meter Used: YSI MODEL 72 SN 0003
Standard 1413 umhos/cm at 25°, Reading 1460 umhos/cm at 23° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 68	1046	12.7	12.08	6110	[illegible] clear to brown silt [illegible]
73	1049	12.6	11.60	5040	clear, a few [illegible]
83	1056	~~12.7~~ 12.5	11.53	4680	clear, no sediment
85	1101	12.5	11.59	4560	very slightly cloudy at first [illegible]
Final					[illegible]

Remarks: Water level = 65.66 Pump on 1041 / Pump off 1102
Measured total depth = 103.75

* 1 Pump vol 43.4 casing vol.
+ sandpack
51.4 ⇒ 52 gallons

Collected by [signature] 3/14/88
Signature
Checked by _____
Signature

C-258

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore GP-7132 Well 2208O

Project RMA ON-POST Project Number TASK 44

Date(s) Developed 2/15/88 Date Installed 1-13-88

Personnel (Name/Company) DLW/EEE Well Diameter (I.D.) 4 in.

BW/ESE Anulus Diameter 11 3/4 in. 0 ft. to 71 ft.

Rig Used ESE well service truck 7 7/8 in. 91 ft. to 102 ft.

Pump (Type/Capacity) N/A Screen Interval 95.54 ft. to 101.79 ft.

Bailor (Type/Capacity) 3.85" x 2.0 ft. to ft.

Water Source RMA Casing Height (Above G.L.) 2.0 ft.

Measured Well Depth TOC (Initial) 102.5 ft. Bottom of Screen (Below G.L.) 101.70 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 36.10 / 3-4-88/1510

(after 24 hrs.)

Feet of Water in Well 66.4 ft. x .1653 gallons/foot = 43.16 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons * One Purge Volume 50 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 256 gallons

Added Water 0 gallons Total Purge Volume 137 gallons

Casing/Anulus Volume 43.16 gallons Volume Measured By 5 gallon Bucket

Surge Technique Bailing

Calibration: pH Meter Used: ORION SA 230 S/N 12440

pH 7.00 = 7.00 at 12.1 °C, pH 10.00 = 10.00 at 13.2 °C

Conductance Meter Used: YSI model 32 S/N 2603

Standard 1413 umhos/cm at 25°, Reading 1411 umhos/cm at 6.5 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 85	1137	13.8	11.74	5350	mostly clear, a few white ppt. settlings
90	1144	12.9	11.50	4920	mostly clear w/ some cement fluid, white ppt. settlings
95	1153	13.0	11.52	5100	clear w/ cement fluid & ppt. settlings
100	1217	12.7	11.50	4950	clear w/ white ppt. settlings
103	1223	12.6	11.45	5550	clear w/ white ppt. settlings
Final					

Remarks: Top casing = 25.55 ppm (-w) Encountered at 15' (gallons) water level = 30.50' MSL

X 1 Plastic bailer, 1 SS bailer, 1 Peristaltic pump, 1 analytical set. 51.4 ⇒ 52 gallons

Collected by _____ Signature

Checked by _____ Signature

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
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WELL DEVELOPMENT DATA

Bore ED 71D2 Well 22080

Project RMA ON-POST Project Number TASK 44

Date(s) Developed 3/16/88 Date Installed 1-13-88

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

BW/ESE Anulus Diameter 11 3/4 in. 0 ft. to 91 ft.

Rig Used ESE WELL SERVICE TRUCK 7 7/8 in. 91 ft. to 102 ft.

Pump (Type/Capacity) N/A Screen Interval 91.32 ft. to 101.70 ft.

Bailer (Type/Capacity) 3.85" X 2.0' ____ ft. to ____ ft.

Water Source RMA Casing Height (Above G.L.) 2.0 ft.

Measured Well Depth TOC (Initial) 102.5 ft. Bottom of Screen (Below G.L.) 101.70 ft.

(Final) ____ ft.

Water Level TOC/Date/Time (Initial) 36.10 / 3-9-88 / 15:0

(after 24 hrs.) ____

Feet of Water in Well 66.4 ft. x .653 gallons/foot = 43.36 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 52 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 256 gallons

Added Water 0 gallons Total Purge Volume 1309 gallons

Casing/Anulus Volume 4336 gallons Volume Measured By 5 GAL. BUCKET

Surge Technique BAILING

Calibration: pH Meter Used: ORION SA 230 SN: 1064

pH 7.00 = 7.00 at 2.2 °C, pH 10.00 = 10.00 at 2.6 °C

Conductance Meter Used: YSI MODEL 32 SN 2003

Standard ~~1413~~ 10.10 umhos/cm at 25°, Reading 10113 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 103	1046	11.1	11.79	5000	muddy clear since development bentonite
108	1107	11.1	11.55	5040	Slightly cloudy w/ some silt & some suspended bentonite
113	1120	10.8	11.57	5030	Somewhat cloudy w/ gray silt - little suspended bentonite
117	1132	10.8	11.76	5040	cloudy w/ gray-silt some clear clay chips ~~some~~ suspended bent
Final					

Remarks: Water level = 8557 Total water in 14 gallons - very little / no recharge
Measured TD: 101.74

* 1 Purge vol. .934 casing
1 vol. sandpack
514 = 52 gal.

Collected by _____ Signature 4/10/88

Checked by _____ Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-71D2 Well 22080

Project RMA GW - POST
Project Number Drake 4.4
Date(s) Developed 3/16/18
Date Installed 1-13-88
Personnel (Name/Company) DW, RR, BW (ESE)
Well Diameter (I.D.) 4 in.
Anulus Diameter 11 3/4 in. 0 ft. to 91 ft.
72 in. 91 ft. to 102 ft.
Rig Used ESE well service truck
Screen Interval 95.89 ft. to 101.70 ft.
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.85" x 2.0'
ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 2.0 ft.
Measured Well Depth TOC (Initial) 102.5 ft.
(Final) ft.
Bottom of Screen (Below G.L.) 101.70 ft.
Water Level TOC/Date/Time (Initial) 36.16 / 3-4-38/1510
(after 24 hrs.)
Feet of Water in Well 66.4 ft. x .653 gallons/foot = 43.36 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 52 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 256 gallons
Added Water 0 gallons
Total Purge Volume 139 gallons
Casing/Anulus Volume 43.36 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique Bailing

Calibration: pH Meter Used: ORION SA 250 SN: 10064
pH 7.00 = 7.00 at 11.4 °C, pH 10.00 = 10.00 at 11.7 °C
Conductance Meter Used: YSI MODEL 32 SN 2007
Standard 1413 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 117	0959	12.6	11.39	4840	clear
122	1010	12.7	11.49	4910	clear
130	1038	12.9	11.63	4670	slightly cloudy w/ some suspended sediment - settled
FINAL 139	1104	12.6	11.95	5630	cloudy w/ some suspended sediment - settled
Final					

FINALIZED DEVELOPMENT AFTER 3 CONSECUTIVE STABLE DEWATERINGS

Remarks: Water level = 76.15 (TOC) Developed in 72 gallons
Bottom of well = 103.72 (TOC)
Top of screen = 91.74 (TOC) Bottom of screen = 101.70 (TOC)
Purge: 1.5 x 43.4 casing =
+ 30 developer
51.4 = 72 gallons

Collected by [signature] 3/16/18
Signature
Checked by [signature]
Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

BOREHOLE SUMMARY LOG

Borehole EP-72 Well —
Project Name and Location MW Installation X Project Number Task 44
Drilling Company Boyles Driller B. Roach Rig Number Failing 1500
Drilling Method(s) continuous core

Size(s) and type(s) of bit(s) 3 7/8" Tricone bit, 12 1/4" auger
Borehole Diameter 12 1/4 in. — cm. 0 ft. — cm. to 13.5 ft. — cm.
3 7/8 in. — cm. 13.5 ft. — cm. to 129 ft. — cm.
Sampling Methods core
Total Number Soil Sampling Tubes —
Total Number Core Boxes 11
Number of Gallons Lost Drilling Fluid 150
Date/Time Started Drilling 7-28-87 1010
Date/Time Completed Drilling 7-30-87 1054
Total Borehold Depth — ft. — cm.
Depth to Bedrock 10.5 ft. — cm.
Depth to Water -0- ft. — cm.
Water Level Determined By? —
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 7-31-87 0751
Depth of Tremmie Pipe 125'
Gallons of Grout 90
Material Used 9 bags cement, 90 gals. water, 1 bag bentonite
Comments Hole grouted to surface

Wellsite Geologist C D Peyton Date 7-30-87
Checked for Grout Settlement on 8/5/87 by [signature]
Amount of Grout Added none needed
All Measurements from Ground Level
Reviewed by [signature] Date 2/19/88
Drill Site Geologist — Date —

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7321 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-72A Well Number:

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1'	1 0.0' - 2.0'	1.2'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	Clay, 30% silt, 10YR 4/4, dark yellowish brown, dry, stiff, low plastic
2'						↓ ↓ ↓
3'	2 2.0' - 4.0'	1.8'/2.0'			CL	Clay, 15% silt, 10YR 6/4, light yellowish brown, dry, stiff, low plastic, calcareous porous
4'						↓ ↓ ↓
5'	3 4.0' - 6.0'	1.5'/2.0'			SM	Silty Sand, 15% silty fine to medium grained sand, 3% coarse sand, 2.5Y 5/6, light olive brown, dry, medium dense, nonplastic
6'					CL	clay, 20% sand, fine to coarse grained sand, 10YR 4/4, dark yellowish brown, dry, stiff medium plastic, very calcareous (calc veins) sand grain size increase at 6.0' to very coarse sand and small gravel
7'	4 6.0' - 8.0'	1.0'/2.0'			CL	clay, 25% sand; medium to very coarse grained sand, 5% small gravel, 10YR 8/4, very pale brown, dry, stiff, medium plastic, very calcareous, porous
8					SM	Silty Sand, 20% silt, 10% small gravel, fine to very coarse grained sand, 10YR 5/4, yellowish brown, dry, med. dense, non plastic very calcareous, ¼" CaCO3 lenses.
9	5 8.0' - 10.0'	2.0'/2.0'			CL	Clay, 20% silt, 15% sand, fine to coarse grained, 5% small gravels, 10YR 8/3, very pale brown, dry, stiff, medium plastic very calcareous
10	6 10.0' - 12.0'	2.0'/2.0'			CL	clay, 35 sand, fine to coarse grained, 10YR 4/4 dark yellowish brown, dry, stiff, medium plastic, very calcareous caco3 nodules (20%)

Drill Site Geologist: Steve Pace Date: 7/22/87

Reviewed By:

C-264

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 2 OF _____

Borehole: EP-72A Well Number: _____

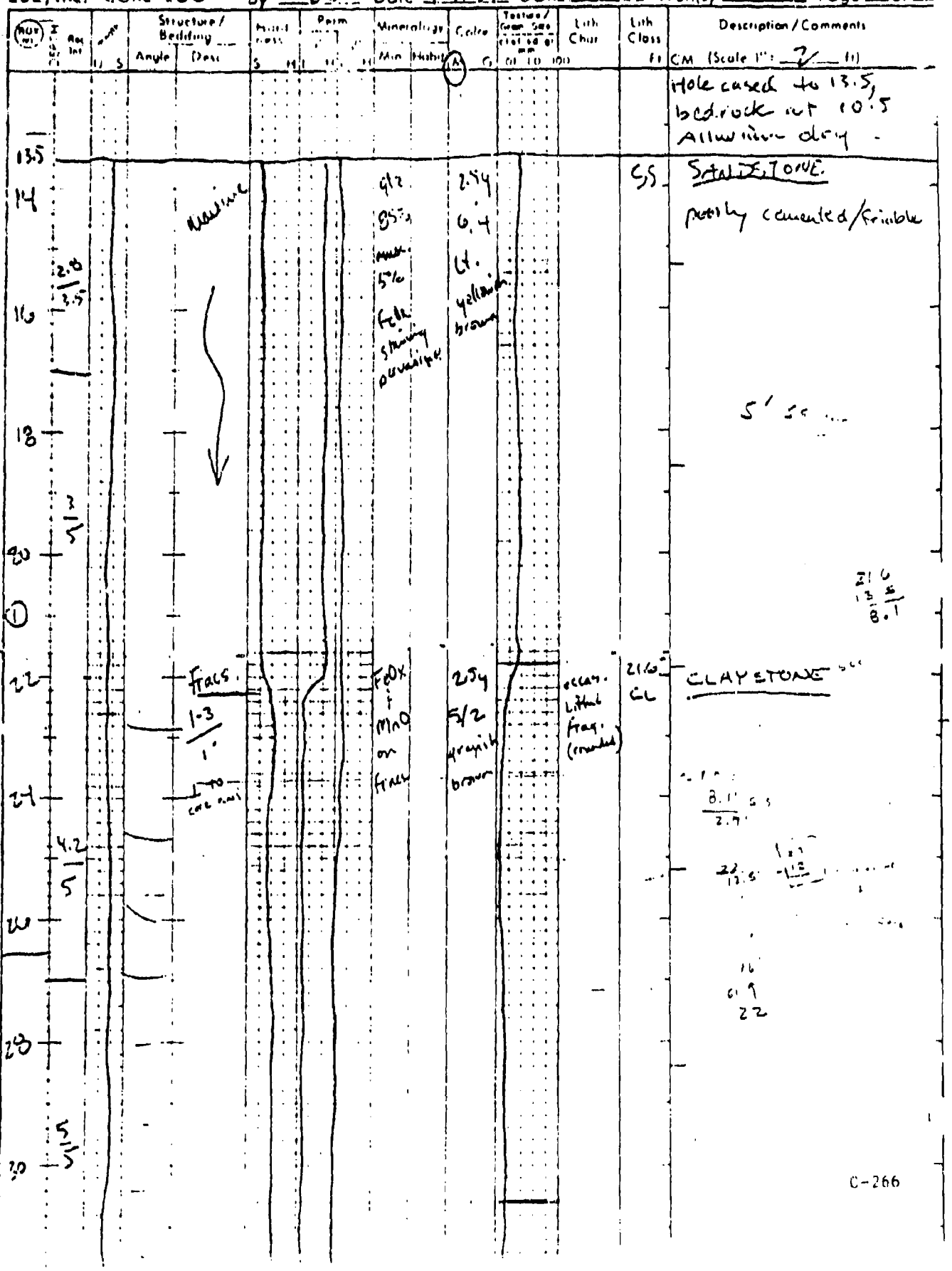
Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
					CL	clay (see pg 1)
10.5						
11	6 10.0'-12.0'	2.0'	SAMPLES TUBE NUMBER	SAMPLE & TUBE INTERVAL		Claystone bedrock, 5Y 4/2, olive gray, hard, moist, medium platte, very calcareous, ¼" to ½" $CaCO_3$ nodules
12	7 12.0'-13.3'	1.3'				
13						TOTAL DEPTH 13.3'

Drill Site Geologist: Steve Davis Date: 7/22/87

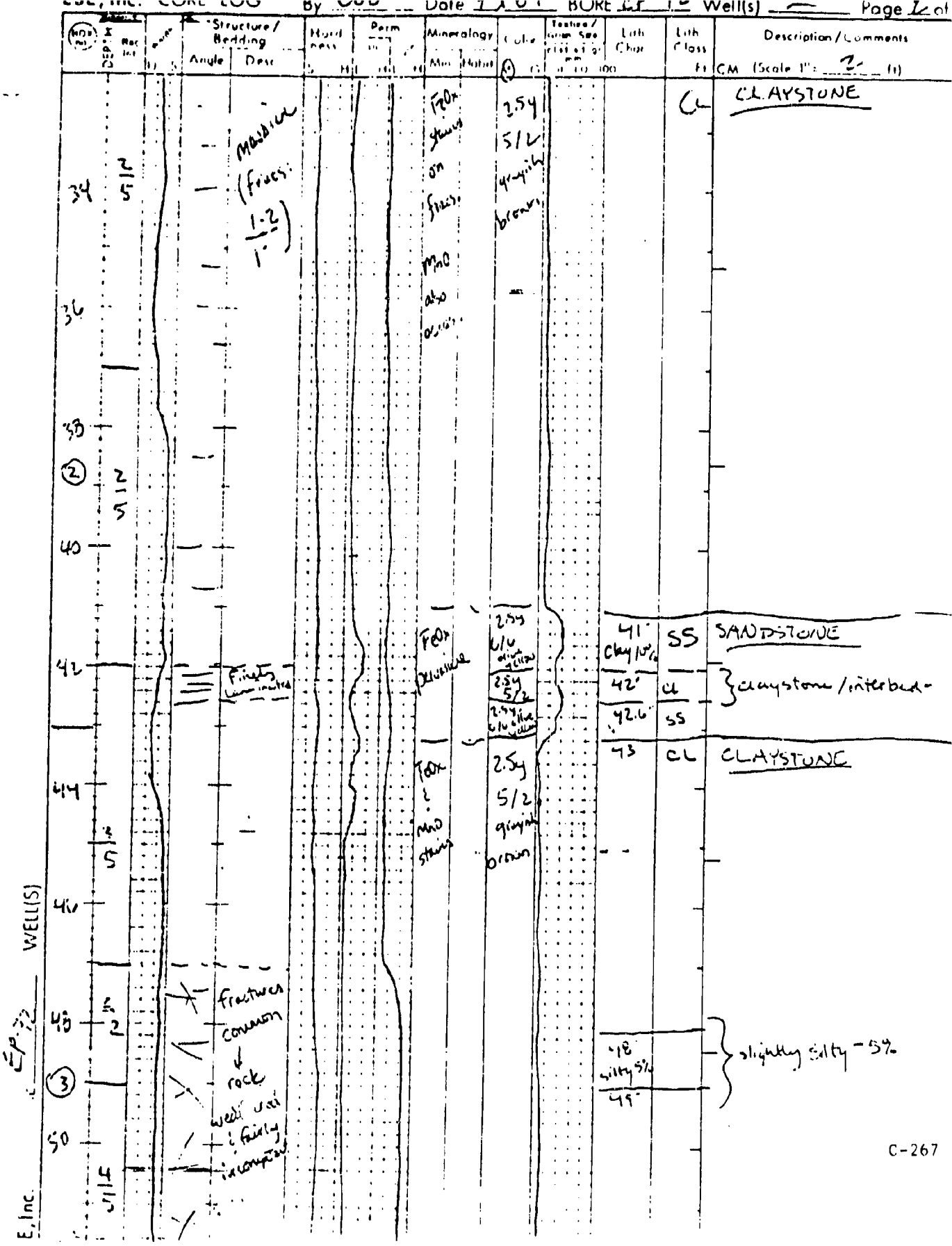
Reviewed By: _____ Date: _____

C-2b5

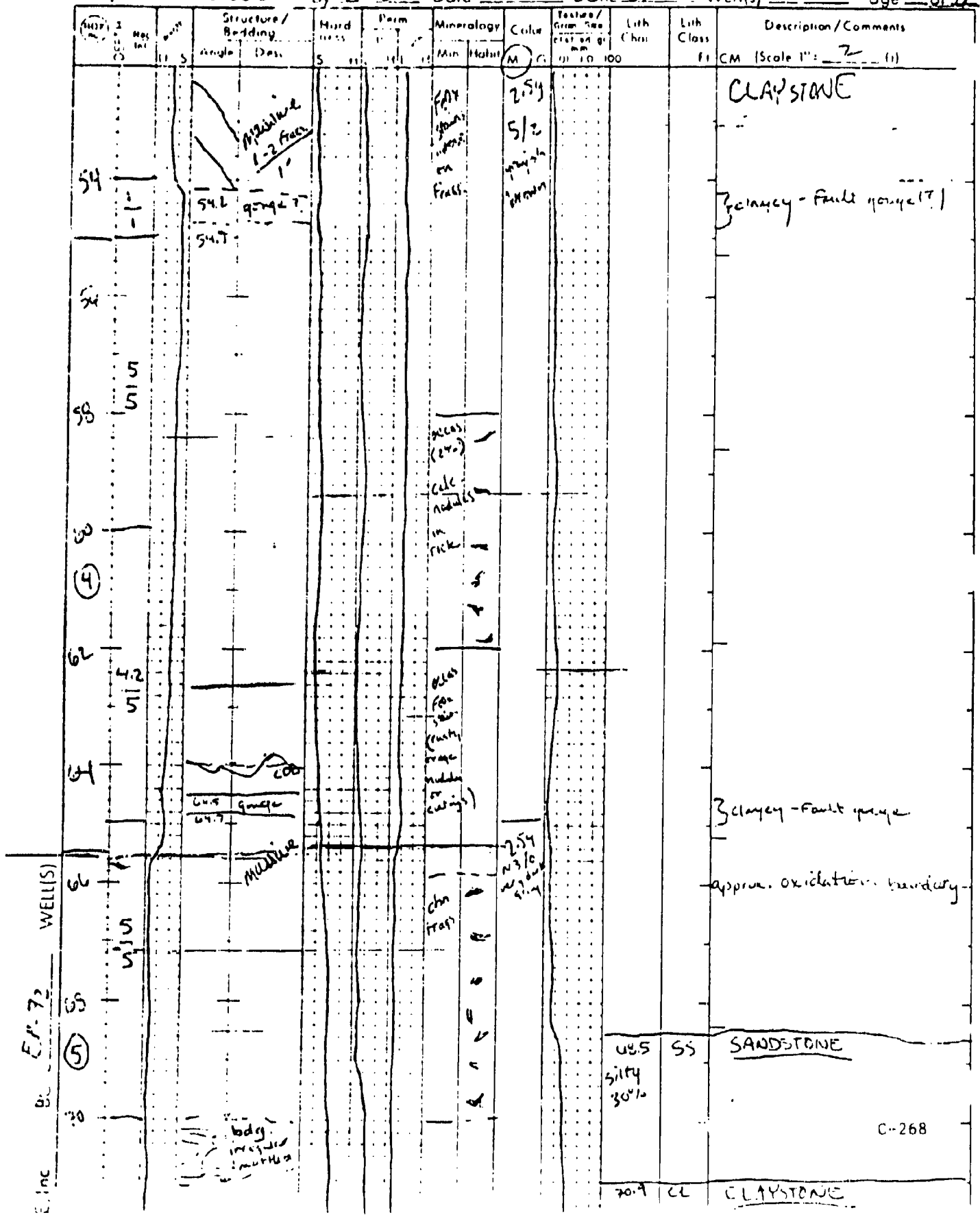
ESE, Inc. CORE LOG By CDB Date 7-3-91 BORE EP-72 Well(s) _____ Page 1 of 6

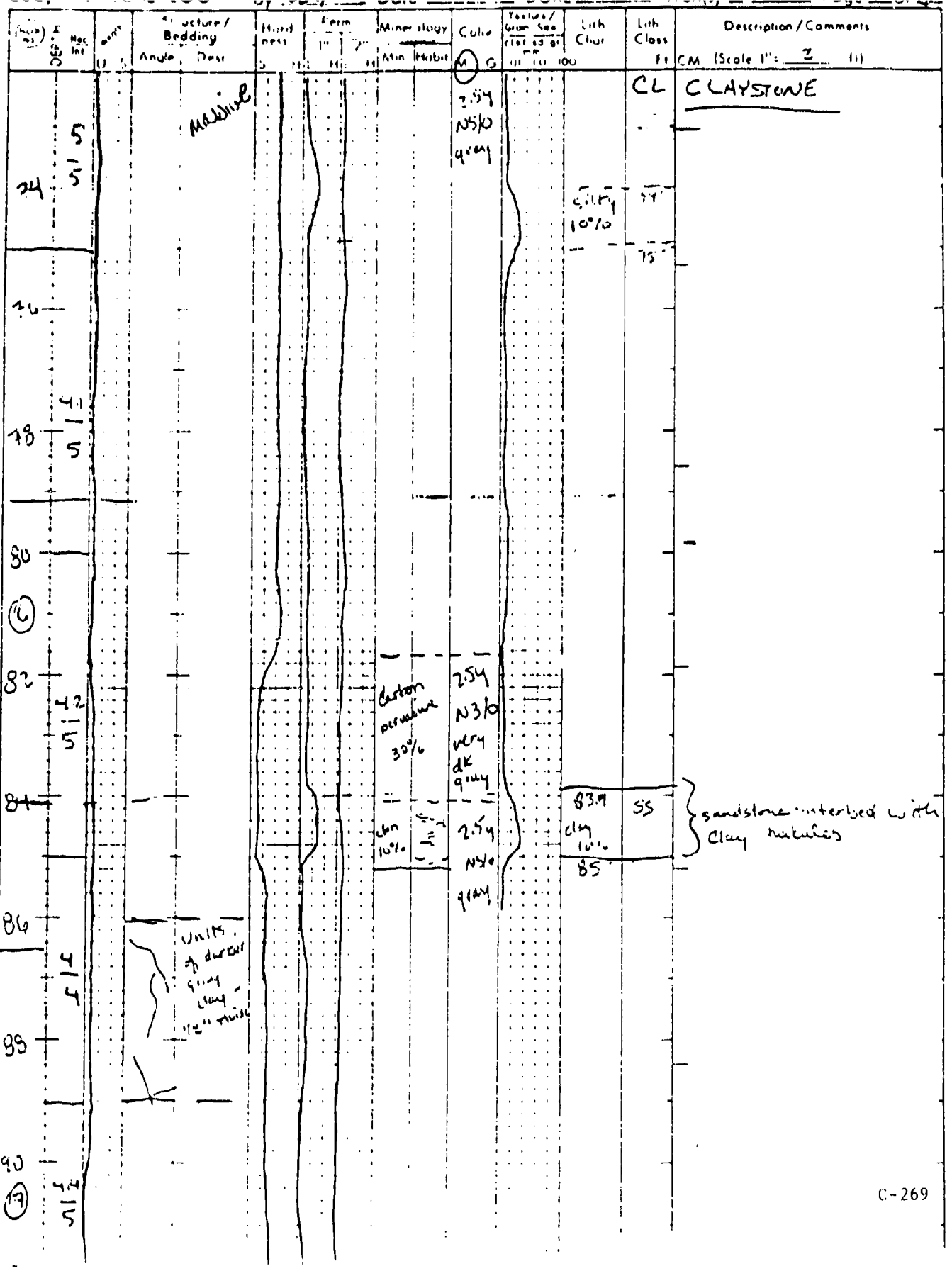

Structure/ Bedding
Angle
Dens
Mineralogy
Min
Color
Lith Char
Lith Class
Description/Comments
CM (Scale 1" = 2 ft)
Hole cased to 13.5, bedrock at 10.5
Alluvium dry
13.5
14
16
18
20
22
24
26
28
30
Weathered
Fracs
1-3
1'
Top of core run
2.0
3.5
4.2
5
5
5

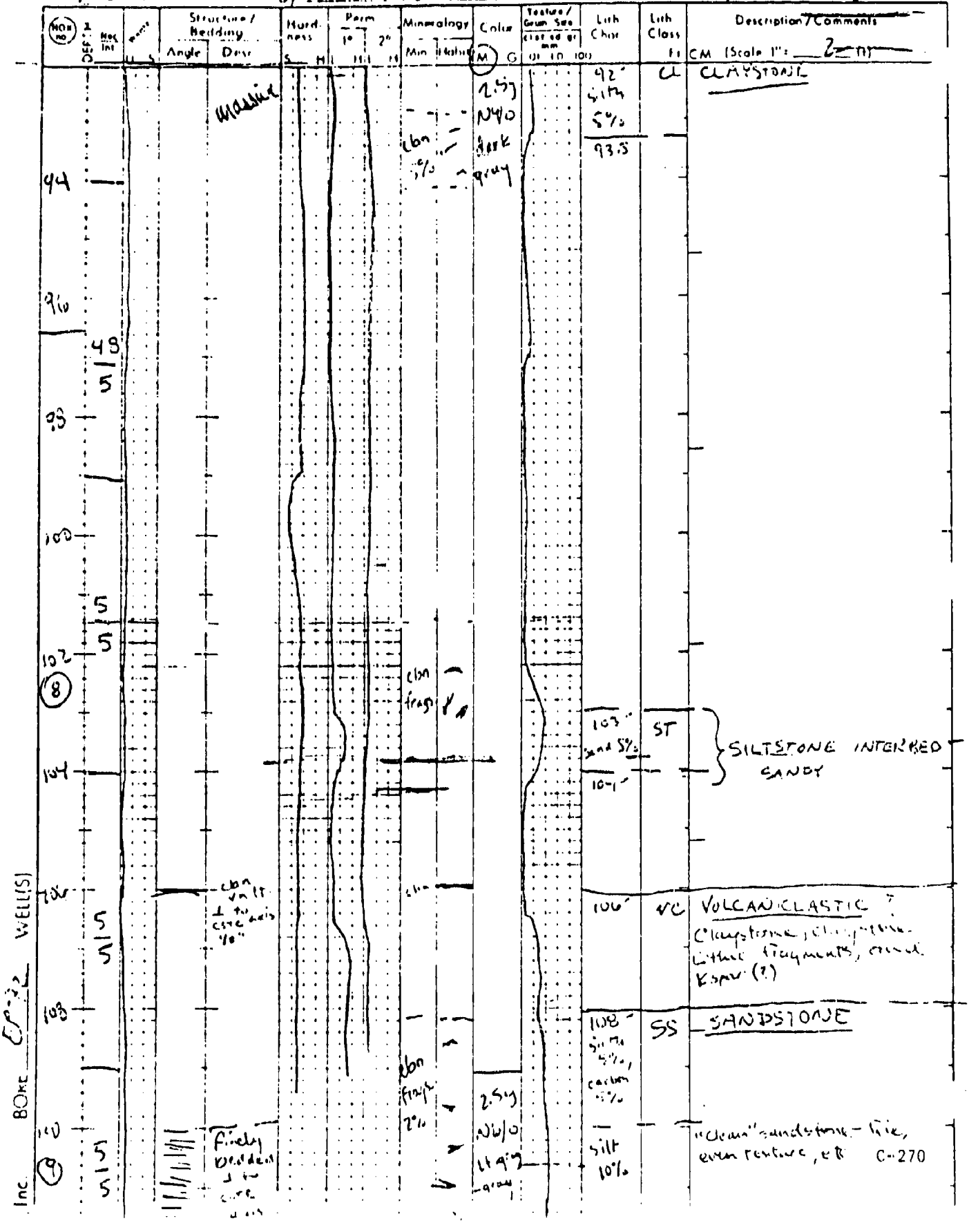
E, Inc. CORE LOG By GSD Date 1-20-1 BORE 1st 1st Well(s) — Page 2 of



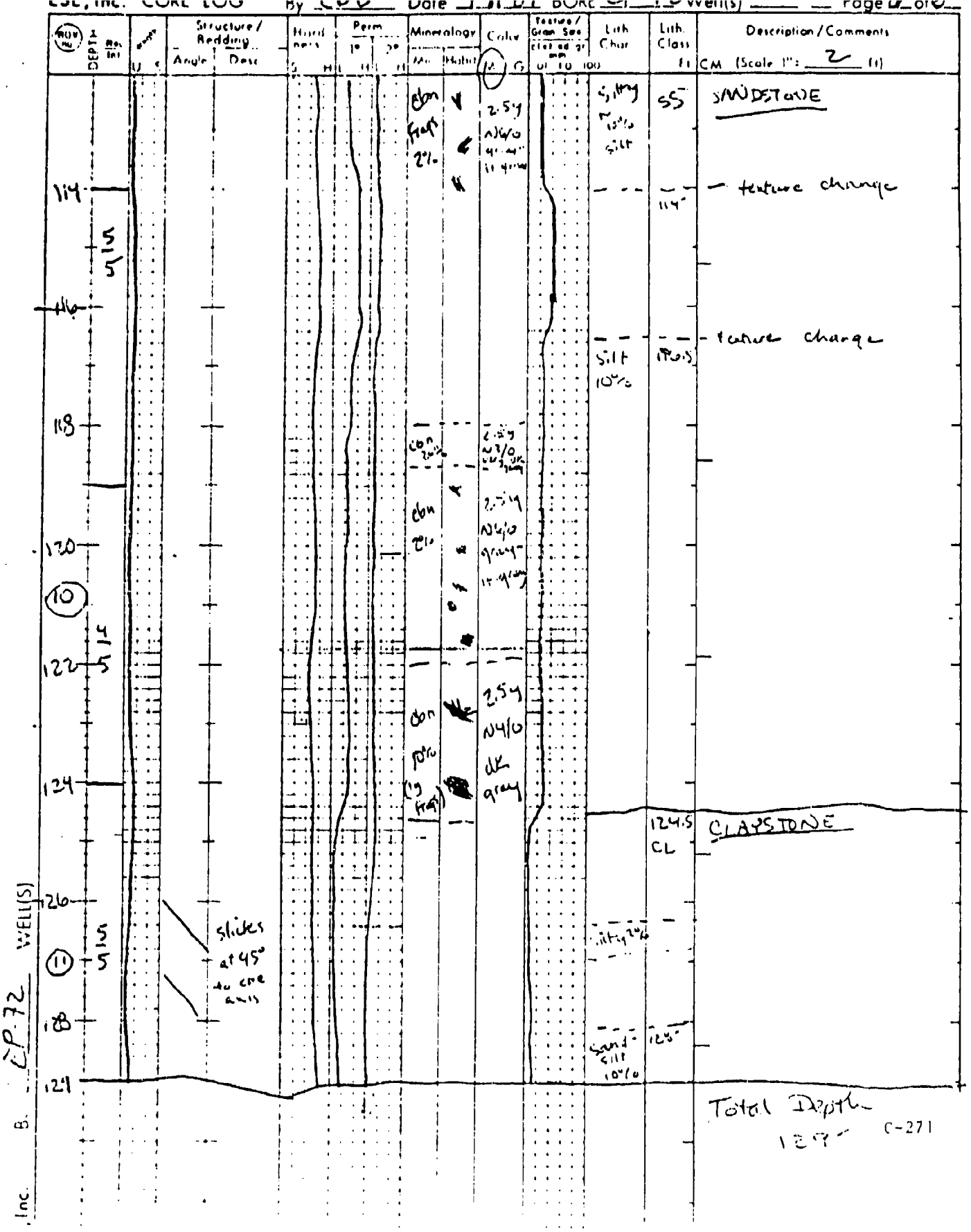
ESE, Inc. CORE LOG By CPE Date 7/21/97 BORE EP-72 Well(s) _____ Page 2 of 4




Structure / Bedding
Angle
Dear
Mineralogy
Color
Lith Class
Description / Comments
CL
CLAYSTONE
massive
silty
10%
75
83.9
SS
sandstone interbed with clay matrices
85
carbon
2.5Y
N3/0
very dk gray
2.5Y
N4/0
gray
Units of darker gray clay - 1/2" thick
WELL(S)
E, Inc.
C-269


Structure / Bedding
Angle
Dip
Hardness
Perm
Mineralogy
Color
Texture / Grain Size
Lith Char
Lith Class
Description / Comments
CM (Scale 1" = 2 m)
CLAYSTONE
massive
clay
silty
dark gray
92'
Silty 5%
93.5
SILTSTONE INTERBED SANDY
103'
sand 5%
104'
VOLCANICLASTIC ?
Claystone, clay-altered Lithic fragments, altered K-spar (?)
106'
SANDSTONE
108'
silty 5%, carbon 1%
silt 10%
"clean" sandstone - fine, even texture, cB
C-270
finely bedded
clay frags
2%
2.5Y
N4/0
N2/0
11 gray
WELL(S)
BORE
Inc.

ESE, Inc. CORE LOG By CDB Date 8/22 BORE C-271 Well(s) — Page 2 of 2



Frontier Logging
Lakewood, Colorado

Date: JULY 30, 1987

Company: ESE
Well: EP-72
Location: RMA
County: ADAMS COUNTY
State: COLORADO
Sec / Twp / Rge: / / /
Log Measured From: Ground Level
Drilling Measured From: Ground Level

Driller Depth: 130 Ft
Bit Size: 3 1/8"
Casing Depth: 13 Ft
Fluid: Water + Native Mud
Density / Viscosity: / Rm: @
Time: 1130 Date: 1255
Unit No: 110
Operator: Wm. Linton
Location: Lakewood

EQUIPMENT DATA

TD Logged: 95 and 130 Ft
Natural Gamma: 200 Scale = 20 CPS
Time Constant: 2 Logging Speed: 15 Ft/Min
Detector Serial No / Size: CPS
Gamma No: 103-1041 Size: 1 5/8"
Source Type / Size: Xtal 3/4 x 1 1/4"
Source: 1.60 x 10⁻⁵ Half Life: 7 Months
Water Factor: 1.10 Casing Size: 3 1/8"
Casing Factor:
Resistance: Ohms per 5 Inches
SP: MV per Inch

NATURAL GAMMA (ANALOG) Normal log on left side

Scale: CPS/in | Logging Speed: Ft/Min | From: Ft | To: Ft | Total: Ft

0-95 Ft open hole log
93-130 Ft open hole log thru pipe to 93 Ft

Gamma (Analog)
Gamma (Digital)
Caliper
Temperature

DIRECTIONAL DATA

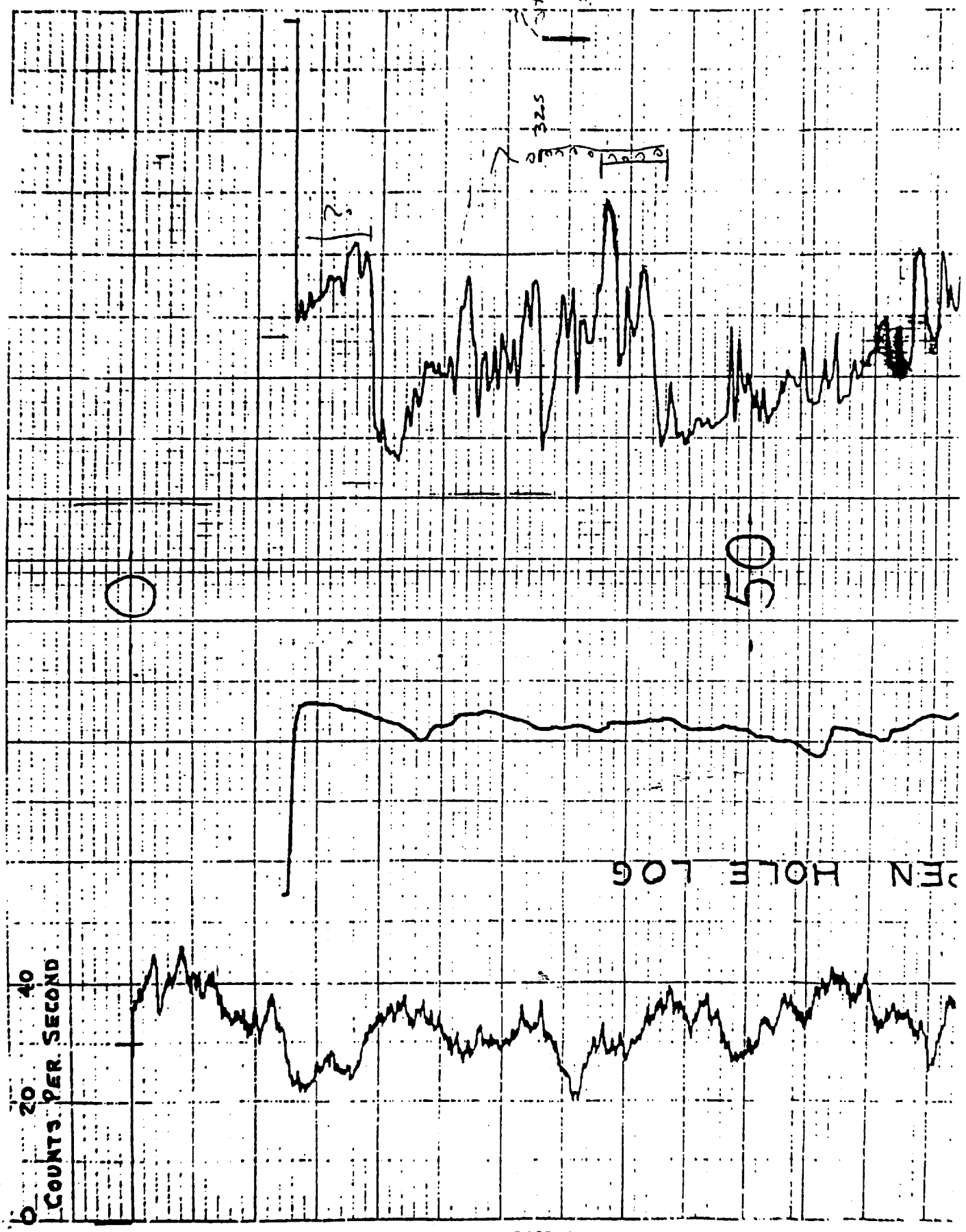
Closure
Azimuth
True Vertical
Survey Depth

Density Source No: Type: Strength: CPS/min
Neutron Source No: Type: Strength: CPS/min

NATURAL GAMMA 20 CPS (Normal Log) | S.P. − 20 MV + | RESISTANCE 25 OHMS/ 5 Inches

C-272

BEST AVAILABLE COPY



C-273

BEST AVAILABLE COPY

BEST AVAILABLE COPY

C-275

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C-276

BEST AVAILABLE COPY

100
180
RESISTANCE
20 OHMS/5 INCH
E.D. 172
NATURAL G/-S.P.+
GAMMA 10 MV/INCH
0 20 40
COUNTS PER SECOND
FRONTIER LOGGING CORPOR

EE 7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0858

WELL CONSTRUCTION SUMMARY

Borehole EP 72 01 Well ____

Project Name and Location Task 44 Sentinel II Lee Acres Wells Project Number 17053 00410

Drilling Company Bowles Bros Driller Don Fowler Rig Number ____

Drilling Method(s) 12¼ OD Hollow Stem Auger

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 22.4 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) ____

Size and Type PVC 4" .020 S/OT

Total Borehole Depth 22.4 ft. ____ cm.

Depth to Bedrock 10.5 ft. ____ cm.

Depth to Water 16.5 ft. ____ cm.

Water Level Determined By Pumping Sampling

Length Plain PVC (total) 12.23 ft. ____ cm.

Length of Screen 5.86 ft. ____ cm.

Total Length of Well Casing 22.4 ft. ____ cm.

PVC Stick Up 1.69 ft. ____ cm.

Depth to Bottom of Screen 22.4 ft. ____ cm.

Depth to Top of Screen 16.54 ft. ____ cm.

Depth to Top of Sand 14.7 ft. ____ cm.

Depth to Top of Bentonite 6.5 ft. ____ cm.

Sampling Method(s) ____

Date/Time Start Drilling 9/22/87 1420

Date/Time Finish Drilling 9/23/87 1617

Date/Time Start Completion 9/23/87 0745

Date/Time Cement Protective Casing 9/23/87 1001

Materials Used ____

Plain PVC 3 - 10'

Slotted PVC 1 - 5'

Bentonite Pellets 5 BUCKETS

Bentonite Granular 20 lbs

Cement 4 BAGS

Sand 6.5 BAGS

Water added during completion 10 gal to mud/cement

Water added during drilling 5

Total Gallons of water added 15

Drill Site Geologist [signature] Date 9/23/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ____

Date/Time/Personnel Casing Painted ____

Date/Time/Personnel Numbers Painted ____

Materials Used ____

			COMMENT/NOTES
Top of Protective Casing to Top of PVC	____ ft.	____ cm.	____
Top of Protective Casing to Weep Hole	____ ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	____ ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	____ ft.	____ cm.	____
Top of Protective Casing to Ground Level	____ ft.	____ cm.	____

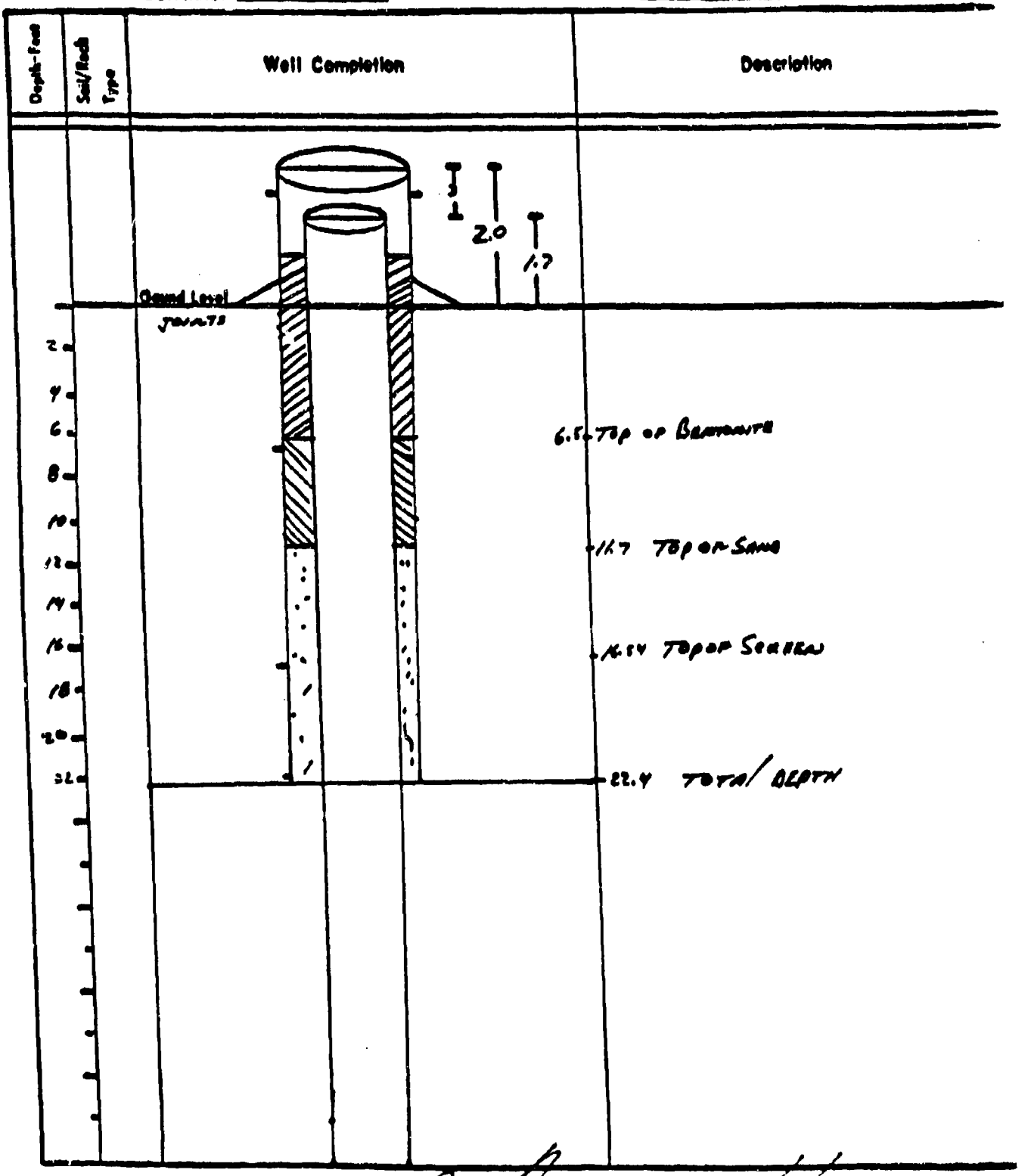
Reviewed By ____

Drill Site Geologist ____

C-278

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0808

Borehole: EP-72 01 Well:



Drill Site Geologist: [signature] Date: 9/23/87

Reviewed By: Date:

C-279

ESE 7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-TE 01 Well 23229

Project RMA ON POST — Project Number Task 44

Date(s) Developed 12-22-87 — Date Installed 092387

Personnel (Name/Company) WTV/ESE, ABW/ESE — Well Diameter (I.D.) 4 in.

Rig Used Well Service Truck — Anulus Diameter ____ in. ____ ft. to ____ ft.

Pump (Type/Capacity) Grundfos 26 gpm — ____ in. ____ ft. to ____ ft.

Bailer (Type/Capacity) ____ — Screen Interval ____ ft. to ____ ft.

Water Source RMA — ____ ft. to ____ ft

Measured Well Depth TOC (Initial) 24.08 ft. — Casing Height (Above G.L.) ____ ft

(Final) ____ ft. — Bottom of Screen (Below G.L.) 22.4 ft.

Water Level TOC/Date/Time (Initial) 24.21'/12-22-87/1410 DRY WELL

(after 24 hrs.) ____

Feet of Water in Well 0' ft. x ____ gallons/foot = ____ gallons casing/anulus volume

Drilling Fluid Lost ____ gallons — One Purge Volume ____ gallons

Purge Water Lost ____ gallons — Minimum Purge Volume ____ gallons

Added Water ____ gallons — Total Purge Volume ____ gallons

Casing/Anulus Volume ____ gallons — Volume Measured By ____

Surge Technique ____

Calibration: pH Meter Used: ____

pH 7.00 = ____ at ____ °C, pH 10.00 = ____ at ____ °C

Conductance Meter Used: ____

Standard ____ umhos/cm at 25°, Reading ____ umhos/cm at ____ °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial					
Dry Well					
Final					

Remarks: ____

Collected by [signature] VASSAR 12-12-88
Signature

Checked by ____
Signature

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7233 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-72-02 Well

Project Name and Location Tenneco Solid Waste Groundwater Wells Project Number 12511.0010

Drilling Company Boyles Bros Driller D. Tenney Rig Number 5445

Drilling Method(s) Rotary

Borehole Diameter 12¼ in. ____ cm. surface ft. ____ cm. to 206.0 ft. ____ cm.
7⅞ in. ____ cm. surface ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 12¼ Blade Bit
7⅞ Blade Bit

Size and Type PVC 4" SDR 17

Total Borehole Depth 211.54 ft. ____ cm.

Depth to Bedrock 20.5 ft. ____ cm.

Depth to Water 26.5 ft. ____ cm.

Water Level Determined By previous readings

Length Plain PVC (total) 177.37 ft. ____ cm.

Length of Screen 20.87 ft. ____ cm.

Total Length of Well Casing 198.24 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 198.54 ft. ____ cm.

Depth to Top of Screen 177.67 ft. ____ cm.

Depth to Top of Sand 175.4 ft. ____ cm.

Depth to Top of Bentonite 171.0 ft. ____ cm.

Sampling Method(s) n/a

Date/Time Start Drilling 9/23/87 1400

Date/Time Finish Drilling 9/24/87 1030

Date/Time Start Completion 9/24/87 1030

Date/Time Cement Protective Casing 9/29/87 1030

Materials Used

Plain PVC 12 10' sticks

Slotted PVC 1 10' stick

Bentonite Pellets 1 bucket

Bentonite Powder Coarse 170 lbs

Cement 14 bags

Sand 4 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist [signature]

Date 9/30/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used

			COMMENT/NOTES
Top of Protective Casing to Top of PVC	____ ft.	____ cm.	
Top of Protective Casing to Weep Hole	____ ft.	____ cm.	
Top of Protective Casing to Internal Mortar	____ ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	____ ft.	____ cm.	
Top of Protective Casing to Ground Level	____ ft.	____ cm.	

Reviewed By

Drill Site Geologist

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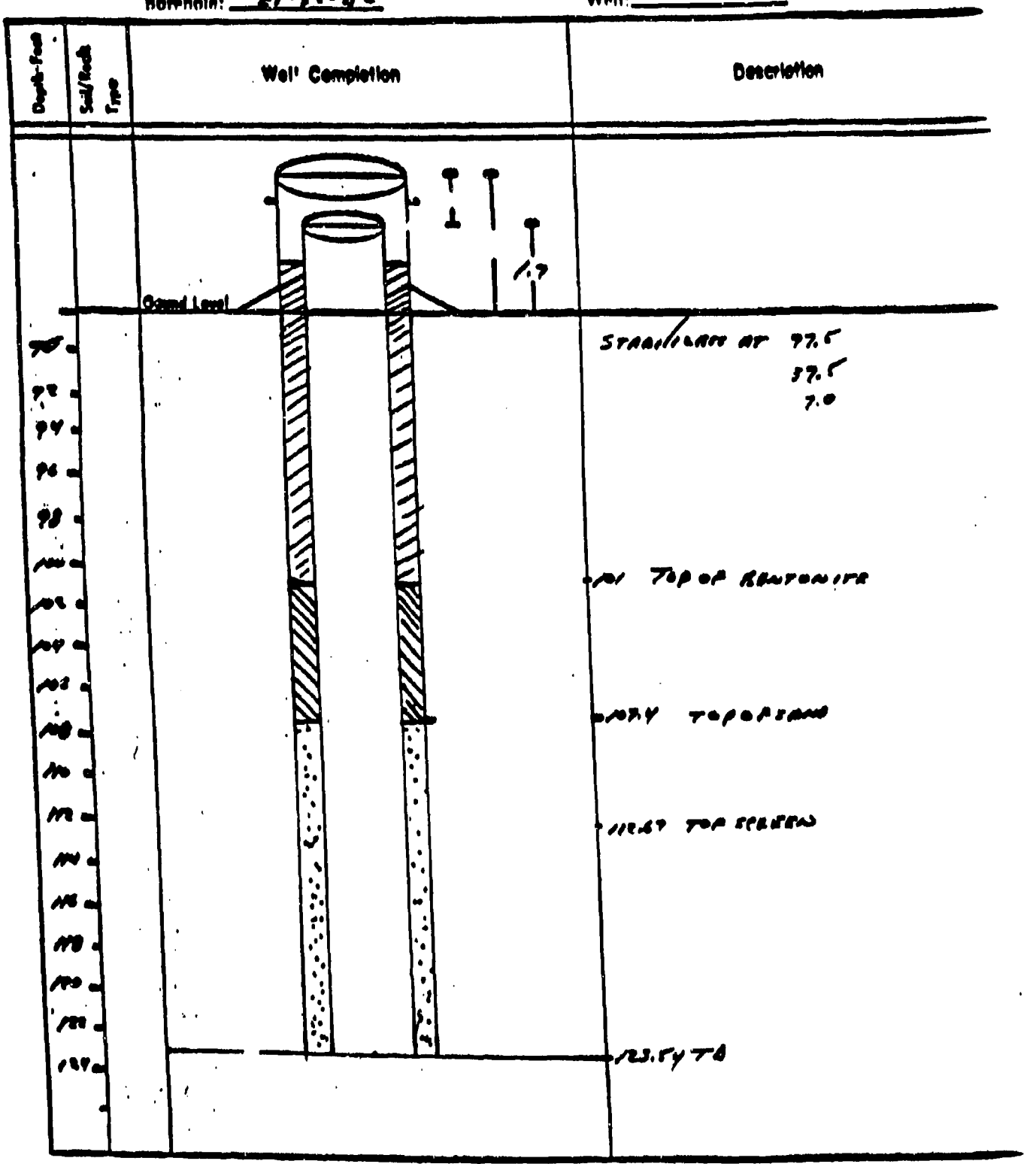
ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • (303)741-0058

Borehole: EP-77-92 Well: _____



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Drill Site Geologist: _____ Date: _____

Reviewed By: _____ Date: _____

ESE 7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-72 NW D2 Well 23230

Project RMA ON POST
Project Number Task 44
Date(s) Developed 12/16-87
Date Installed 092787
Personnel (Name/Company) WTV / ESE
TDM / ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 106.14 ft.
7⅞ in. 106.14 ft. to 123.54 ft.
Rig Used Well Service Truck
Screen Interval 112.67 ft. to 122.54 ft.
Pump (Type/Capacity) Grundfos (7gpm)
____ ft. to ____ ft.
Bailer (Type/Capacity) ____
Water Source RMA NW
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 125.44 ft. 39
Bottom of Screen (Below G.L.) 122.54 ft.
(Final) ____ ft.
Water Level TOC/Date/Time (Initial) 43.76 / 12-16-87 / 0910
(after 24 hrs.) ____
53.3
Feet of Water in Well 81.63 ft. x 0.653 gallons/foot = ~~48.11~~ NW gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
* One Purge Volume ~~56.86 (60)~~ NW gallons
Purge Water Lost N/A gallons
Minimum Purge Volume ~~284.3 (300)~~ gallons
Added Water 0 gallons
Total Purge Volume 265 gallons
Casing/Anulus Volume ~~43.11~~ 53.3 gallons
Volume Measured By 55 gal. drums
~~+ 13.75~~ 14.1
Surge Technique raise & lower pump

Calibration: pH Meter Used: Beckman 67.2 Phi 21 SN 015883
pH 7.00 = 7.10 at 3.9 °C, pH 10.00 = 10.27 at 3.6 °C
Conductance Meter Used: YSI model 32
Standard 1413 umhos/cm at 25°, Reading 477 umhos/cm at 6.5 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	09:53	3.5	12.50	1915	Milky gray, V.S. ~~ppt~~
30	10:11	10.1	10.83	448	~~ppt~~ much sm. amt. of clear; 14
Final					

10:00

Remarks: ip: 2.0 in 55 gal drum, 0.1 in breathing zone.
Pumping rate measured by 5 gal. bucket = 1.2 gpm

* 1 Purge volume = 53.3 + 13.75 sand pack = 67.05 ⇒ 70 gallons

Sand pack height
16.14 X 0.852 = 13.75 gal. sand pack vol.
123.54 − 107.4 = 16.14 ft.

Collected by WAT Vasser 12-16-87
Signature
Checked by [signature] 2/15/88
Signature

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ENGLEWOOD, COLORADO

WELL DEVELOPMENT DATA

Bore EP-72-02 Well 23230

Project RMA GW POST
Project Number TSK 44
Date(s) Developed 12-18-87
Date Installed 092787
Personnel (Name/Company) WTV/ESE
TOM/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 106.19 ft.
7⅞ in. 106.19 ft. to 123.54 ft.
Rig Used Well Service Truck
Screen Interval 113.67 ft. to 123.54 ft.
Pump (Type/Capacity) 7 gpm Grundfos
ft. to ft.
Bailer (Type/Capacity)
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 125.39 ft.
Bottom of Screen (Below G.L.) 123.54 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 73.76 / 12-18-87 / 0910
(after 24 hrs.)
Feet of Water in Well 51.63 ft. x 0.653 gallons/foot = 33.71 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 56.06 (60) gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 284.3 (300) gallons
Added Water 0 gallons
Total Purge Volume gallons
Casing/Anulus Volume 33.71 + 52.3 gallons
+ 13.75 = sandpack
Volume Measured By 55 gal drum
Surge Technique raise & lower pump

Calibration: pH Meter Used: Beckman pHi 21 SN: 015-883
pH 7.00 = 7.08 at 6.5 °C, pH 10.00 = 10.23 at 6.4 °C
Conductance Meter Used: YSI model 32
Standard 1413 umhos/cm at 25°. Reading 259 umhos/cm at 5.2 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 30	9:40	7.8	10.04	2220	Light gray, med amt. silt.
60	12:11	12.5	10.37	1640	Light gray, sm. amt silt
95	2:00	9.2	10.24	2380	Light gray, sm. Amt silt
Final					

Remarks: Water level TOC = 10.95 / 12-18-87 / 10:00 pump off - discharge 21.2 gpm / Pump on 10:1
Tip 9:20 O.D. Tip 9:50 O.D.

Collected by Walt Vass 12-18-87
Signature

Checked by [signature] 2/15/88
Signature

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WELL DEVELOPMENT DATA

Bore P-72-02 Well 23230

Project RMA ON POST Project Number TASK 44

Date(s) Developed 12-21-87 Date Installed 092787

Personnel (Name/Company) HKV / ESE

ABV / ESE

Rig Used Well Service Truck Well Diameter (I.D.) 4 in.

Pump (Type/Capacity) Geotech (ISCO) Anulus Diameter 12¼ in. 0 ft. to 106.19 ft.

7⅞ in. 106.19 ft. to 123.5 ft.

Bailer (Type/Capacity) Screen Interval 112.67 ft. to 123.54 ft.

____ ft. to ____ ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 125.39 ft. Bottom of Screen (Below G.L.) 123.54 ft.

(Final) ____ ft.

Water Level TOC/Date/Time (Initial) 43.76 / 12-16-87 / 0910

(after 24 hrs.) ____

Feet of Water in Well 81.63 ft. x 0.653 gallons/foot = ~~43.44~~ 53 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume ~~56.86~~ (60) gallons

Purge Water Lost N/A gallons Minimum Purge Volume ~~284.3~~ (300) gallons

Added Water 0 gallons Total Purge Volume ____ gallons

Casing/Anulus Volume ~~43.44~~ 53.3 gallons Volume Measured By 55 gal drums

+ 13.75 = sand pack Surge Technique raise & lower pump

Calibration: pH Meter Used: BECKMAN ϕ 21 PHMETER

pH 7.00 = ~~7.02~~ 7.02 at 7.2 °C, pH 10.00 = 10.02 at 6.9 °C

Conductance Meter Used: YSI Model 32

Standard 1413 umhos/cm at 25°, Reading — umhos/cm at — °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
~~Initial~~ 95	1521	11.0	9.18	2650	Clear to Gray
110	1554	10.2	9.15	2920	Clear
~~Final~~					

Remarks: Water Level TOC = 58.21 12-21-87 / 1450

TIP = 0.0

Collected by [signature] 12-21-87

Signature

Checked by [signature] 1/15/88

Signature

C-285

ENGLEWOOD, COLORADO

WELL DEVELOPMENT DATA

Bore EP-72-D2 Well 23230

Project ~~EP-72-D2~~ RMA ON POST
Project Number Task 44
Date(s) Developed 12-22-87
Date Installed 092787
Personnel (Name/Company) WTV/ESE
ABW/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12 1/4 in. 0 ft. to 106.19 ft.
7 3/8 in. 106.19 ft. to 123.54 ft.
Rig Used Well Service Truck
Pump (Type/Capacity) Geotech - ISCO
Screen Interval 112.67 ft. to 123.54 ft.
Bailer (Type/Capacity) ~~3.5" x 4.5' HT~~
____ ft. to ____ ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 125.39 ft.
Bottom of Screen (Below G.L.) 123.54 ft.
(Final) ____ ft.
Water Level TOC/Date/Time (Initial) 48.76 / 12-16-87 / 0910
(after 24 hrs.) ____
Feet of Water in Well 81.63 ft. x 0.653 gallons/foot = DW ~~45.7~~ 53.3 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume DW ~~36.86~~ (60) gallons 70
Purge Water Lost N/A gallons
Minimum Purge Volume DW ~~239.5~~ (300) gallons 350
Added Water 0 gallons
Total Purge Volume ____ gallons
Casing/Anulus Volume DW ~~45.7~~ 53.3 gallons
Volume Measured By 55 gal drums
* 15.75 = sand pack
Surge Technique raise & lower pump

Calibration: pH Meter Used: BECKMAN 10 pH METER (015883)
pH 7.00 = 7.09 at 3.10 °C, pH 10.00 = 10.25 at 5.0 °C
Conductance Meter Used: YSI model 32
Standard 1413 umhos/cm at 25°, Reading 825 umhos/cm at 23 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
~~Initial~~ 110	0910	10.3	8.84	2540	Clear
140	1023	11.4	9.70	2510	Clear
165	1330	10.6	9.77	2520	Clear
Final					

Remarks: Water Level TOC = 64.40' / 12-22-87 / 0834
TEP = 2.0
Pumping rate approx 2 gpm / Dewatered at 55 gal. / pump off at 1:30 pm 12-22-87

Collected by Walt Wasson, Signature
Checked by Signature 2/15/88

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WELL DEVELOPMENT DATA

Bore EP-7202 Well 23230

Project TASK 44
Date(s) Developed 2-23-88
Personnel (Name/Company) ESE
Kevin, Ray, Bob
Rig Used WELL DEVELOP. TRUCK
Pump (Type/Capacity) ✓ ISCO
Bailer (Type/Capacity)
Water Source RMA
Measured Well Depth TOC (Initial) ____ ft.
(Final) 125.80 ft.
Water Level TOC/Date/Time (Initial) 48.42 / 2-23-88 / 9:15
(after 24 hrs.) 69.76 / 2-24-88 / 1505
Feet of Water in Well 48.42 ft. x ____ gallons/foot = 53.3 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 0 gallons
Casing/Anulus Volume 66 gallons

Project Number
Date Installed 9-27-87
Well Diameter (I.D.) 4" PVC in.
Anulus Diameter 12¼ in. 0 ft. to 106.19 ft.
7⅞ in. 106.19 ft. to 123.54 ft.
Screen Interval 112.67 ft. to 123.54 ft.
____ ft. to ____ ft.
Casing Height (Above G.L.) 1.7 ft.
Bottom of Screen (Below G.L.) 123.54 ft.
One Purge Volume 70 gallons
Minimum Purge Volume 330+350 gallons
Total Purge Volume 265 gallons
Volume Measured By 55 Gal. Drums
Surge Technique raise & lower pump

Calibration: pH Meter Used: SN # 016344
pH 7.00 = 7.04 at 13.8 °C, pH 10.00 = 10.14 at 13.3 °C
Conductance Meter Used: SN # 14243
Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25° °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, color, sand content, color)
Initial RR 1656al	10:00	10.8	9.18	2570	CLEAR
2256al	11:43	9.6	9.52	2600	CLEAR
2656al	1242	9.1	9.83	2635	CLEAR
Final					RR

Remarks: Dewatered @ 265 Gal.

Collected by _____ Signature

Checked by _____ Signature

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BOREHOLE SUMMARY LOG

Borehole EP-74 Well 24196, 24197, 24198

Project Name and Location GWM Installation Project Number 144

Drilling Company Boyles Driller B. Roach Rig Number Failing 1500

Drilling Method(s) Continuous core

Size(s) and type(s) of bit(s) 12 1/4" auger, 5 7/8" tricone

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 26 ft. ____ cm.

5 7/8 in. ____ cm. 26 ft. ____ cm. to 122 ft. ____ cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 9

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 8.3.87 0750

Date/Time Completed Drilling 8.4.87 0823

Total Borehold Depth 122 ft. ____ cm.

Depth to Bedrock 25.20 ft. ____ cm.

Depth to Water 24.75 ft. ____ cm.

Water Level Determined Tape level indicator

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 8.4.87 1120

Depth of Trammie Pipe 120'.

Gallons of Grout 90

Materials Used 9 bags cement, 9 gal. water, 1 bag bentonite

Comments hole grouted to surface

Wellsite Geologist Cynthia D. Kenson Date 8.4.87

Checked for Grout Settlement on 8/7/87 by [signature]

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by [signature] Date 4/2/88

Drill Site Geologist ____ C-289

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7000 SOUTH ALTON WAY • SUITE H-3
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-74A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1 0.0'-2.0'	2.0'/2.0'	SAME AS 1ST TUBE NUMBER	SAME AS TUBE interval	CL	Clay, 10% sand, fine to coarse grained, 2% small gravel, 10YR 4/4 Dark yellowish brown, medium stiff, dry, low plastic, porous
2						
3	2 2.0'-4.0'	2.0'/2.0'			CL	Clay, 10% silty, 10YR 5/4, yellowish brown, medium stiff, dry, low plastic, calcareous at 3,2" band, fine to coarse grained
4						
5	3 4.0'-6.0'	2.0'/2.0'				
6	4 6.0'-7.0'	.95'/1.0'			CL	clay, 20% sand, fine to coarse grained, 10YR 7/3 very pale brown, dry, medium stiff, medium plastic, dry, calcareous
7	5 7.0'-8.0'	.42'/1.0'			CL	Clay, 30% sand, fine to coarse grained, 10YR 7/4 very pale brown, dry medium stiff, medium plastic, dry, calcareous
8	6 8.0'-9.0'	.95'/1.0'				
9	7 9.0'-end	1.0'/1.0'			SC	Clayey sand, 25% clay, fine to coarse grained sand, medium dense, moist, 10YR 5/6, yellowish brown, v. low plastic
10						

Drill Site Geologist: Steve Gage Date: 7/28/87

Reviewed By: Joseph Liikala Date: 9/29/87

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Borehole: EP-74A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	8 10.0'-12.0'	2.0'/2.0'	Same as tube number	Same as tube intervals	SC	Clayey SAND, (see pg 1)
12						
13	9 12.0'-14.0'	2.0'/2.0'			SP	Poorly graded sands, medium to very coarse grained sand, 10% small gravels, 2.5Y 7/4, pale yellow, medium dense, moist, non plastic gravels decrease to 2% at 12'
14						
15	10 14.0'-16.0'	1.7'/2.0'				
16						gravel % increase to 10% at 16.0', small gravels
	11 16.0'-17.0'	1.0'/1.0'				
17						
18	12 17.0'-19.0'	1.8'/2.0'			SP	Poorly graded sands, 7% clay, 10% gravel, small to medium size, coarse to very coarse grained sands, dense, moist, 2.5Y 6/8, olive yellow, claystone clasts, medium gravel in size
19						
20	13 19.0'-20.0'SP	2.0'/2.1'				

Drill Site Geologist: Steve Pace Date: 7/28/87

Reviewed By: Joseph L. Reed Date: 9/29/87

C-291

Borehole: EP-74A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	13 21.0'-23.0'	2.0'/2.0'	Same as tube number	Same as tube interval		Poorly graded sands (see page 2)
22	14 23.0'-25.0'	1.9'/2.0'				
23						
24	15 25.0'-27.1'	2.0'/2.0'			SP	Poorly graded SANDS, coarse to very coarse grained sands, 5% small gravels, 2.5Y 5/4, light olive brown, loose, saturated
25						
26	16	2.1'/2.1'				Claystone, bedrock, weathered, 5Y 5/3, olive, Fe stains, blocky structure, carbon, calcareous, 20% silt at 26.5', unweathered
27						Total depth 27.1'

Drill Site Geologist: Steve Rowe Date: 7/25/87

Reviewed By: Joseph L. Reed Date: 9/29/87

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ESE, Inc. CORE LOG By CDB Date 8-4-87 BORE EP-74 Well(s) _____ Page 1 of

Depth	Recovery	Structure/Bedding: Angle	Structure/Bedding: Dess	Hardness	Perm. 1°	Perm. 2°	Mineralogy: Min	Mineralogy: Habit	Color M	Color G	Texture/Grain Size	Lith. Char	Lith Class	Description/Comments
														Water at 24.75' bedrock at 25.50' Casing set to 26' Begin coring at 27'
26														
27			occas. coarse sand-f fract. 3-4 1' 0-30°				FeOx coating on fract.		2.5y 6/4 lt. yellowish brown			27'	CL	CLAYSTONE mottled gray/brown and yellow/brown
30	1.5													
32														
34	1.5													
36														
38	1								2.5y N5/0 gray					
40	1.5		f. interbedded claystone & sandstone				calc. cemented band					39' sand 20% clay 15%	St	SILTSTONE - sandy, clayey calc. cement oxidation boundary
42	1.5		occas. laminated fissile				calc. vein 1/8"		2.5y N2/0 black			40.6	Lg	LIGNITE

WELL(S) EP-74 BORE

E, Inc

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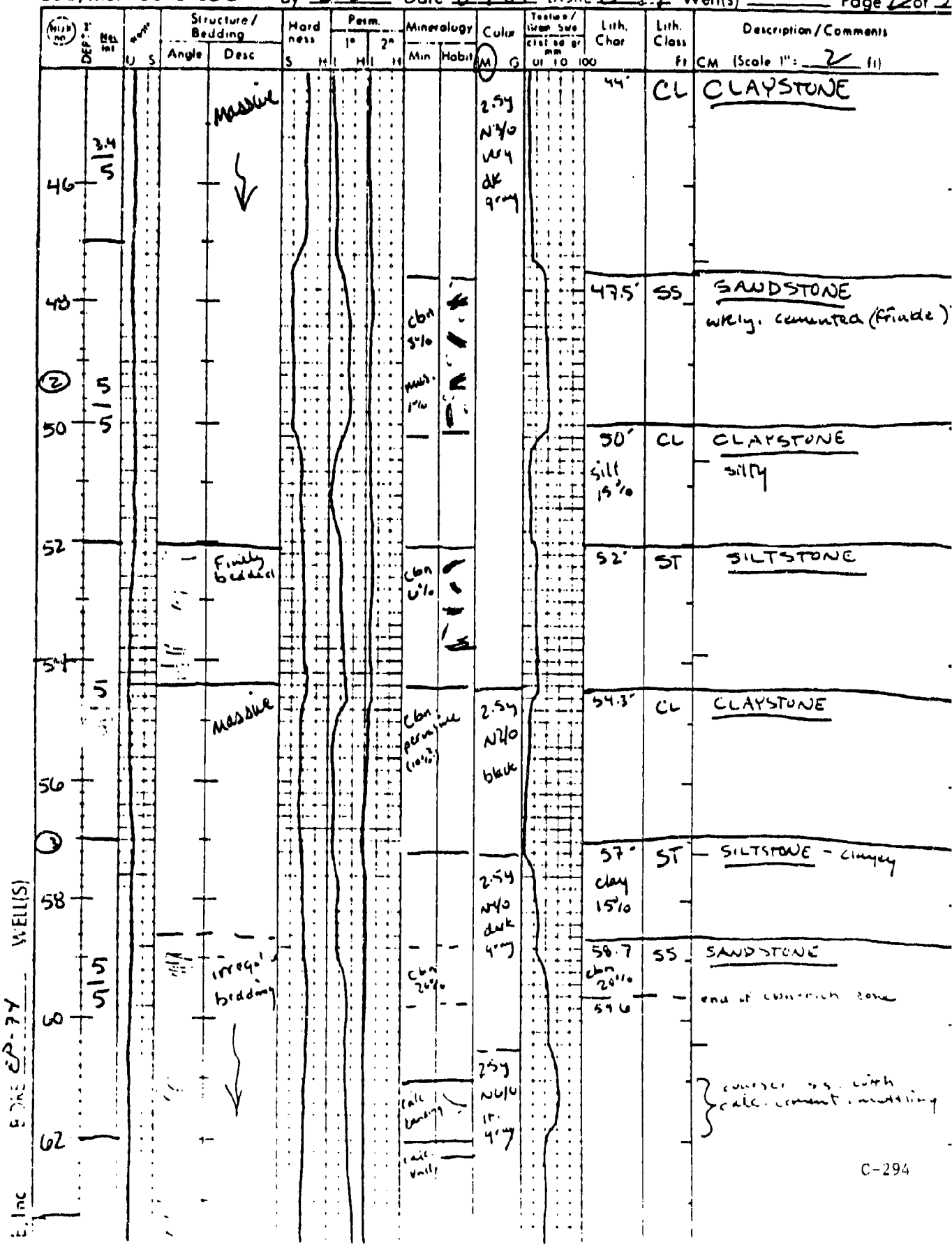
ESE, Inc. CORE LOG By CDB Date 8-4-87 BORE EP-74 Well(s) _____



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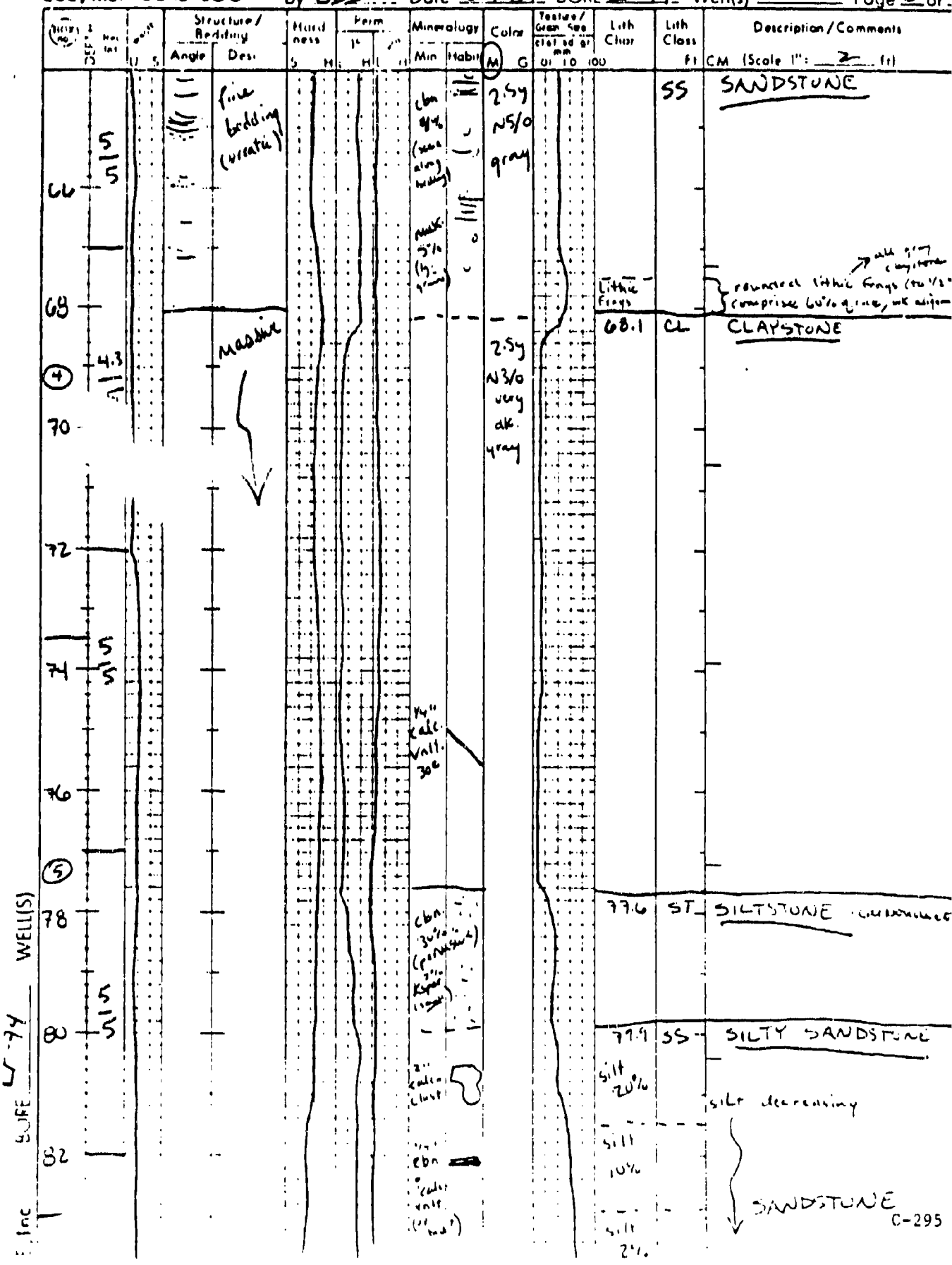
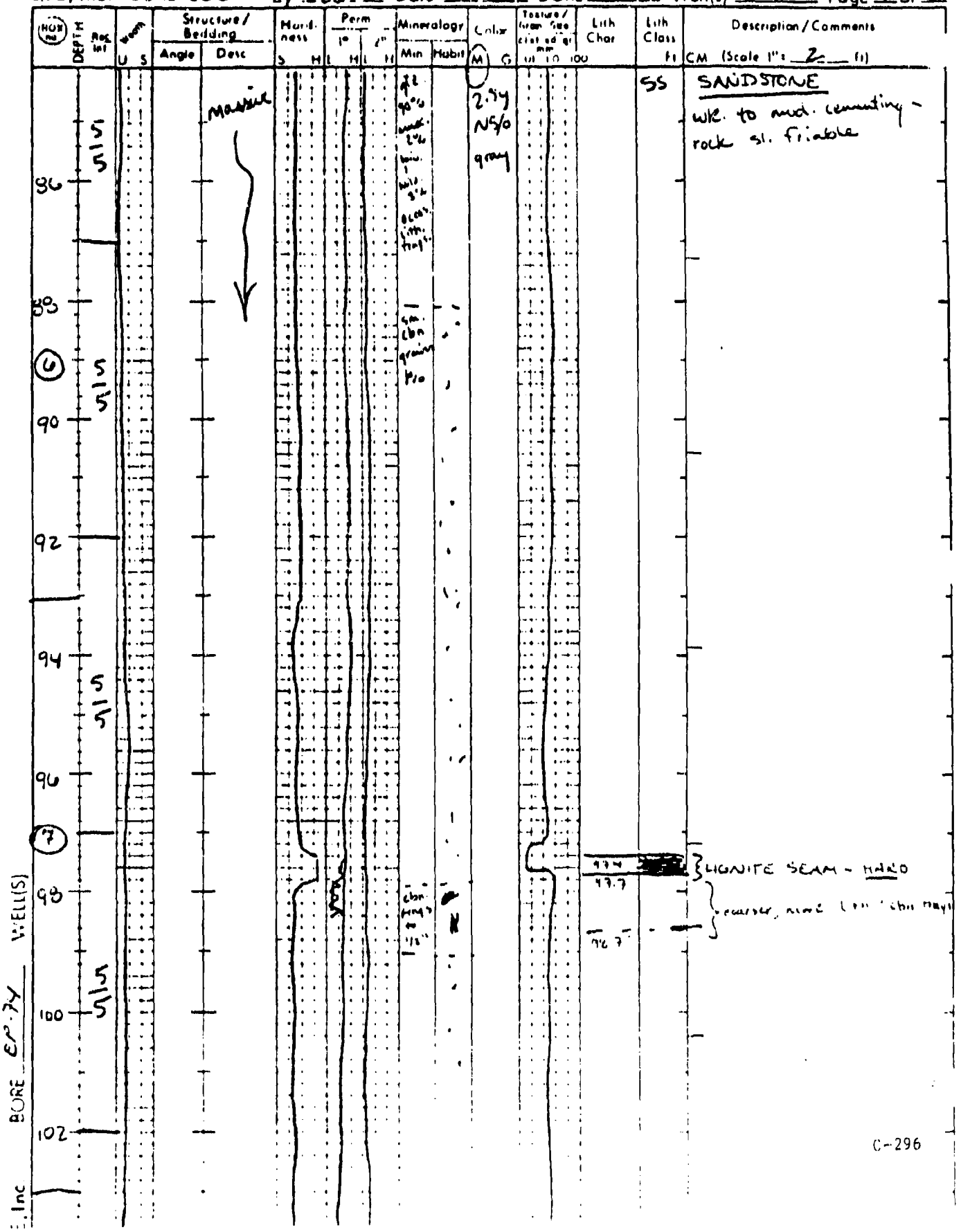
ESE, Inc. CORE LOG By CDB Date 8.4.87 BORE EP-74 Well(s) _____ Page 3 of _____



E.S.E, Inc. CORE LOG By CDB Date 8/87 BORE EP-74 Well(s) _____ Page 4 of 5



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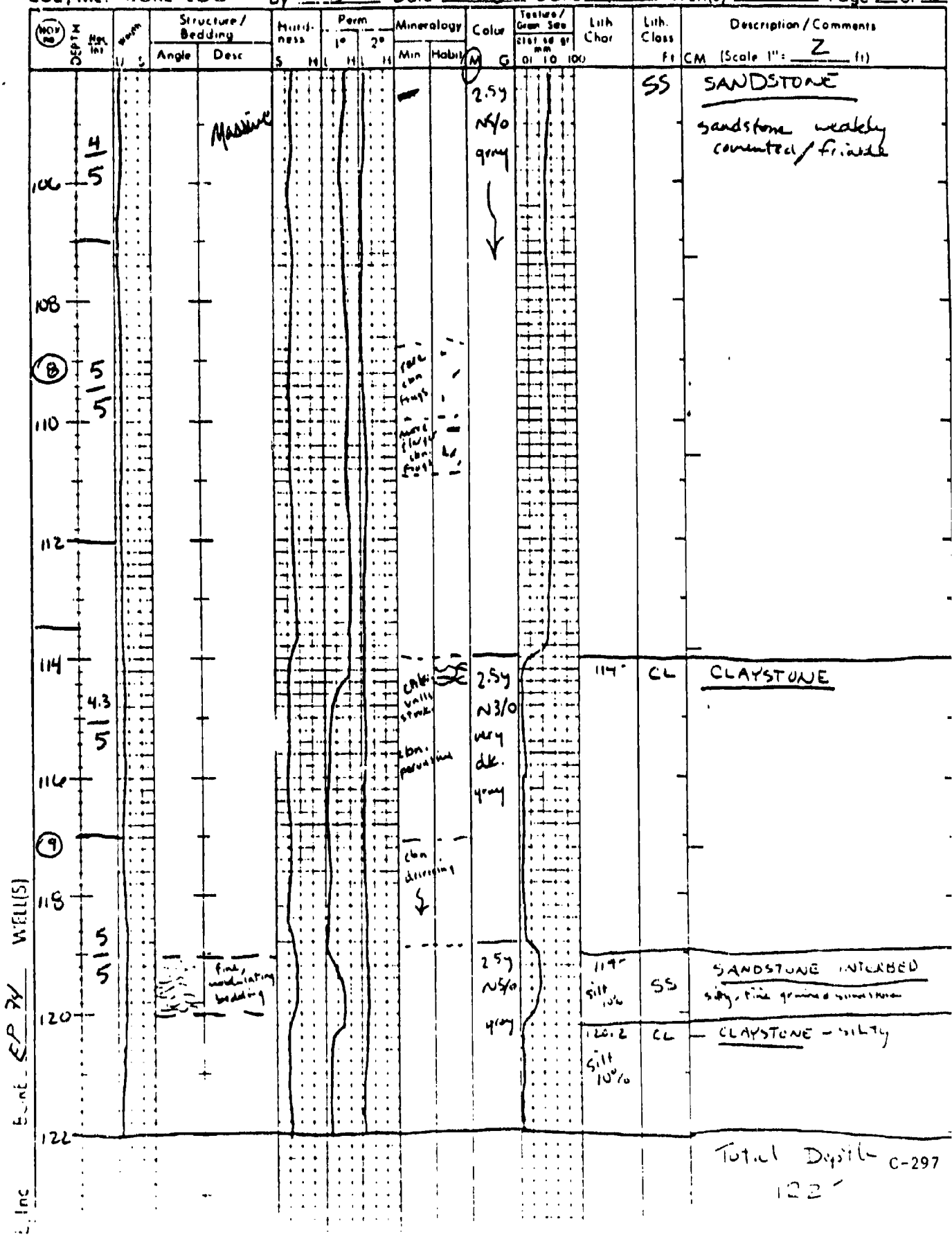
ESE, Inc. CORE LOG By GDB Date 8-4-87 BORE EP 74 Well(s) _____ Page 5 of 5



Frontier Logging
Lakewood, Colorado

Date: Aug. 4, 1987

Company: ESE
Well No.: EP-74
Field/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level
Drilling Measured From: Ground Level
Driller Depth: 122 FT
Bit Size: 3 7/8"
Casing Size: 26 FT PVC
Fluid in Hole: water & native mud
Density/Viscosity:
pH:
Time In: 0945
Time Out: 1045
Unit No.: 110
Operator: Wm Linton
Location: Lakewood

TD Logged: 119 FT
Natural Gamma: 200 Scale = 20 CPS per inch
Time Constant: 2 Sec
Logging Speed: 15 Feet/Min
Cable Serial No/Weight: CPS
Probe No: 103-1041
Probe Diameter: 1 5/8"
Detector Type: Size: xtal 3/4 x 1 1/4"
K Factor: 1.60 x 10^-5
Shunt Value: 7 Microrem
Water Factor: 1.10 for hole size: 3 7/8"
Casing Factor: for casing size:
Resistance: 90 ohms/5" Ohms per 5 Inches
SP: 30 MV/Inch MV per inch

ELECTRONIC GAMMA READING (RECORDED) (Number log off scale)

Scale	TC	Logging Speed	From	To	Total
Scale: in CPS/in	TC: Sec	Logging Speed: Feet/Min	From: Ft	To: Ft	Total: Ft
Scale: in CPS/in	TC: Sec	Logging Speed: Feet/Min	From: Ft	To: Ft	Total: Ft
Scale: in CPS/in	TC: Sec	Logging Speed: Feet/Min	From: Ft	To: Ft	Total: Ft
Scale: in	TC: Sec	Logging Speed: Feet/Min	From: Ft	To: Ft	Total: Ft

Gamma (Analog): Ft
Gamma (Digital): Ft
Caliper: Ft
Temperature: Ft
Density Source No
Type
CPS/inch
Neutron Source No
Type: Strength:
CPS/inch

DIRECTIONAL DATA
Closure: Ft
Azimuth
True Vertical: Ft
Survey Depth: Ft

C-298

30 MV/Inch

Azimuth

True Vertical

Survey Depth

NATURAL GAMMA

20 CPS

S.P.

30 MV

RESISTANCE

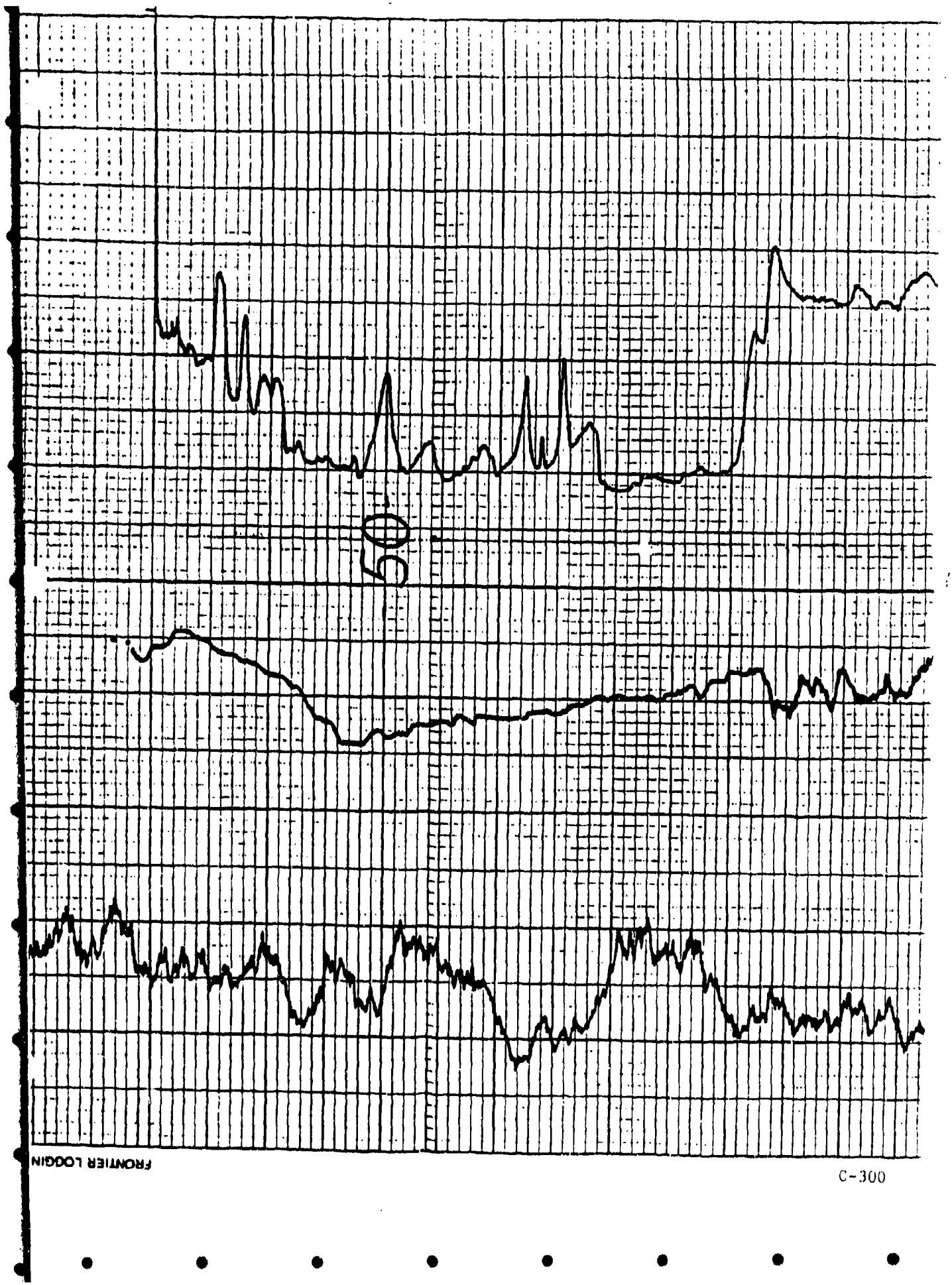
90 OHMS/ 5 Inches

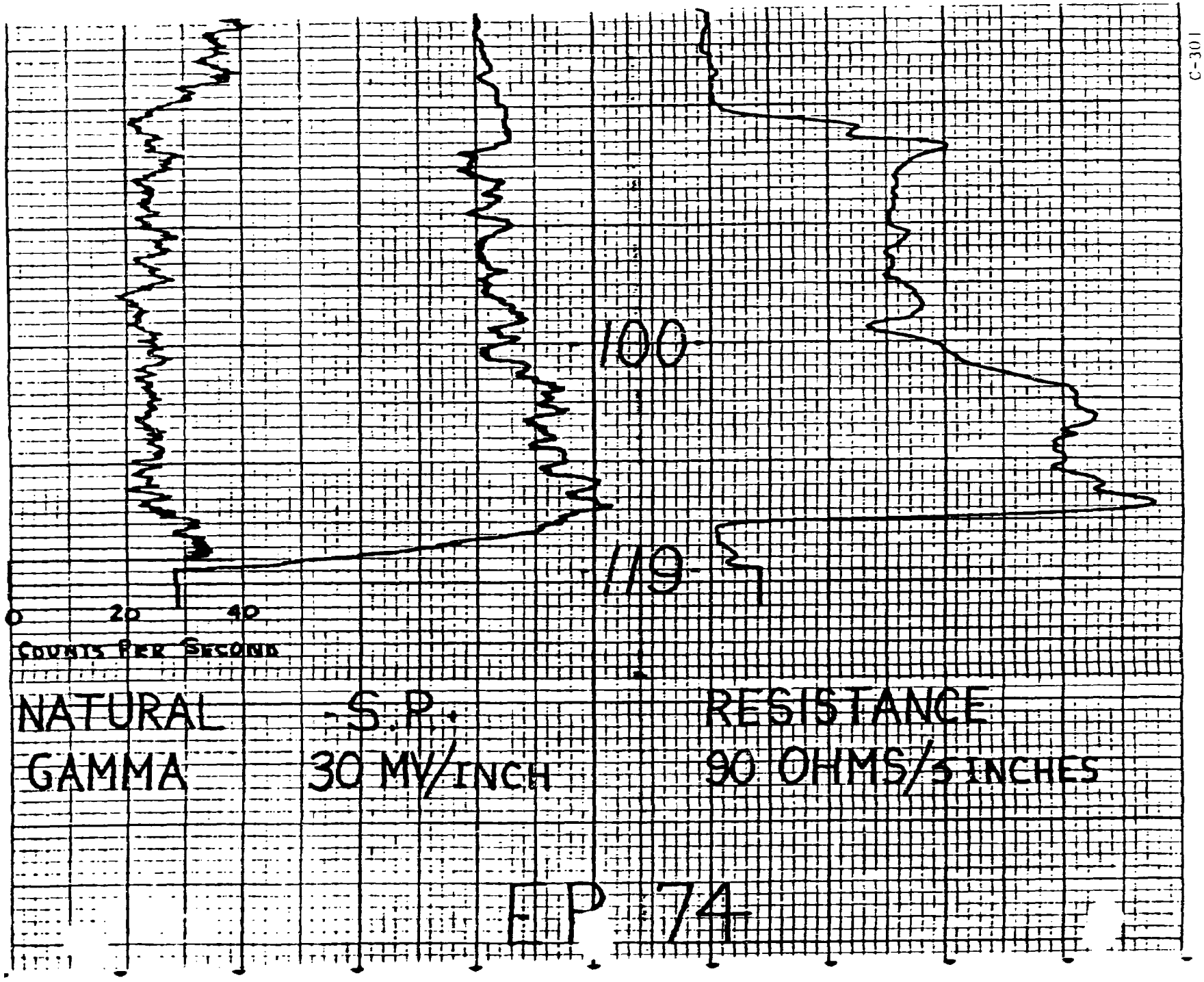
0 20 40

COUNTS PER SECOND

FRONTIER LOGGING CORPORATION

C-299


FRONTIER LOGGIN
C-300


C-301
100
119
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P.
30 MV/INCH
RESISTANCE
90 OHMS/5 INCHES
EP 74

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole EP-74A Well 24196

Project Name and Location RMA Section 24 Task 44 Project Number

Drilling Company Boyles Bros. Driller Dan Irvine Rig Number

Drilling Method(s) Continuous sampled using 3¼" ID, 7" SP 5½" OD Hollow stem
Reamed with 12¼" Hollow Stem Auger

Borehole Diameter 5½ in. cm. 0.0' ft. cm. to 27.10 ft. cm.
12¼ in. cm. 0.0' ft. cm. to 27.47 ft. cm.

Size(s) and types of Bit(s) Auger

Size and Type PVC 4" Sched 40

Total Borehole Depth	27.47 ft. cm.	Sampling Method(s)	Mobile continuous Sampler
Depth to Bedrock 25.5' SP	24.75 ft. cm.	Date/Time Start Drilling	7/22/87 0731
Depth to Water	24.75 ft. cm.	Date/Time Finish Drilling	7/22/87 1205
Water Level Determined By	Sampler + taping	Date/Time Start Completion	7/23/87 0710
Length Plain PVC (total)	20.12 ft. cm.	Date/Time Cement Protective Casing	7/23/87 0921
Length of Screen	10.94 ft. cm.	Materials Used	-
Total Length of Well Casing	29.06 ft. cm.	Plain PVC	2- 10' sections (1 cut)
PVC Stick Up	1.70 ft. cm.	Slotted PVC	1 - 10' section
Depth to Bottom of Screen	27.36 ft. cm.	Bentonite Pellets	6 buckets
Depth to Top of Screen	16.52 ft. cm.	Bentonite Granular	½ bag
Depth to Top of Sand	11.00 ft. cm.	Cement	3 bags
Depth to Top of Bentonite	6.00 ft. cm.	Sand	11 bags
		Water added during completion	-0-
		Water added during drilling	-0-
		Total Gallons of water added	-0-

Drill Site Geologist Steve Pawl Date 7/24/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed

Date/Time/Personnel Casing Painted 7/26/87 [illegible]

Date/Time/Personnel Numbers Painted 8/24/87 [illegible]

Materials Used 12 bags of cement

Top of Protective Casing to Top of PVC	0.34 ft. cm.	COMMENTS/NOTES	
Top of Protective Casing to Weep Hole	1.3 ft. cm.		
Top of Protective Casing to Internal Mortar	1.55 ft. cm.		
Top of Protective Casing to Top of Cement Pad	1.45 ft. cm.		
Top of Protective Casing to Ground Level	2.0 ft. cm.		

Reviewed By [signature] Date

Drill Site Geologist [signature] Date

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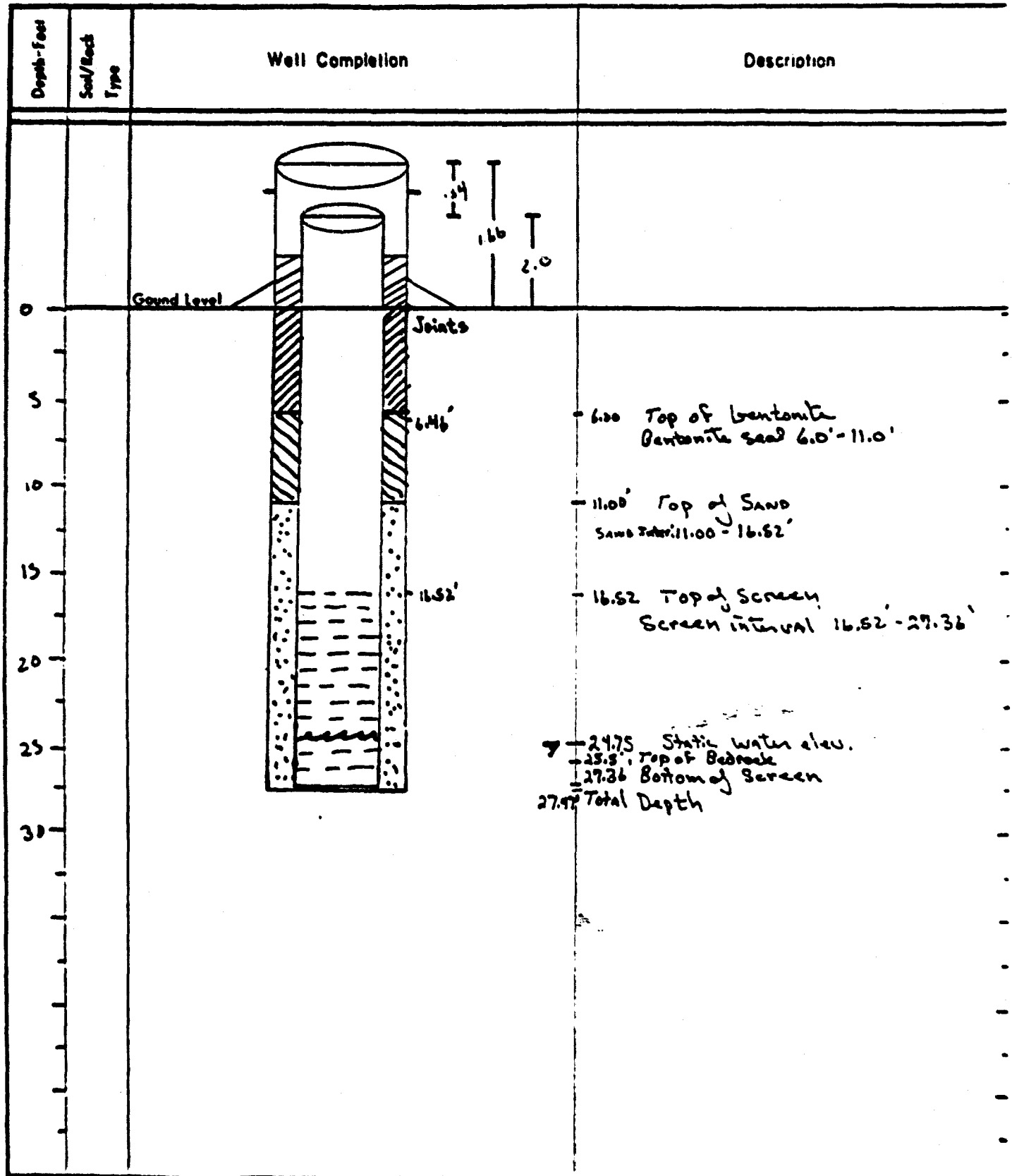
Borehole: EP-74A Well: 24196



Drilling Contractor: Hinz Drilling Date: 7/24/87

Reviewed By: Date:

C-303

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WELL DEVELOPMENT DATA

Bore EP-74A Well 24496

Project RMA ON-POST
Project Number TASK 444
Date(s) Developed 09/03/87
Date Installed 7/23/87
Personnel (Name/Company) DLW/ESE
TPS/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼" in. 0 ft. to 27.36 ft.
— in. — ft. to — ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 16.52 ft. to 27.36 ft.
— ft. to — ft.
Pump (Type/Capacity) GRUNDFOS / 7GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.70 ft.
Measured Well Depth TOC (Initial) 29.12 ft.
(Final) 29.12 ft.
Bottom of Screen (Below G.L.) 27.36 ft.
Water Level TOC/Date/Time (Initial) 25.72 / 09-03-87 / 0932
(after 24 hrs.) 25.73 / 09/25/87 / 14:30
Feet of Water in Well 3.4 ft. x 2.32 gallons/foot = 7.89 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume (3 CASING VOLS) 7.9 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 39.5 gallons
Added Water 0 gallons
Total Purge Volume 100 gallons
Casing/Anulus Volume 7.89 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILER/SUBMER PUMP

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015903
pH 7.00 = 7.00 at 23.5 °C, pH 10.00 = 10.02 at 24.5 °C
Conductance Meter Used: CMS DIGITEL SN: 11341
Standard 1413 umhos/cm at 25°, Reading 1412 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0.0	1024	23.9	8.41	1945	very cloudy (muddy) w/ orange-brown silt.
10	1040	17.0	7.69	2110	cloudy w/ orange-brown silt.
20	1050	16.4	7.71	2060	slightly cloudy w/ fine silt
30	11:00	16.7	7.82	2100	Slightly cloudy w/ fine silt
40	11:10	16.7	7.88	2080	Slightly Cloudy
Final 50	11:30	16.7	7.70	2100	Slightly cloudy w/ fine silt.

Remarks: Initial HNU (TOC) = 0.0 ppm
Flow rate = 1 gpm.

Collected by [signature] 09/03/87
Signature

Checked by [signature]
Signature

C-304

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL DEVELOPMENT DATA

Bore EP-74A Well 2414C

Project RMA OU-POST
Project Number TASK 44
Date(s) Developed 09/03/87
Date Installed 7/23/87
Personnel (Name/Company) DLW/ESE
MJS/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 27.36 ft.
– in. – ft. to – ft.
Rig Used ESE WELL SERVICE TRUCK
Screen Interval 16.52 ft. to 27.36 ft.
– ft. to – ft.
Pump (Type/Capacity) GRUNDFOS / 7GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Casing Height (Above G.L.) 1.70 ft.
Measured Well Depth TOC (Initial) 29.12 ft.
(Final) 28.12 ft.
Bottom of Screen (Below G.L.) 27.36 ft.
Water Level TOC/Date/Time (Initial) 25.92 / 09-03-87 / 0932
(after 24 hrs.) 25.73 / 09-25-87 / 14:30
Feet of Water in Well 3.4 ft. x 2.32 gallons/foot = 7.9 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 7.9 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 39.5 gallons
Added Water 0 gallons
Total Purge Volume 100 gallons
Casing/Anulus Volume 7.9 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique PUMP / LOWER PUMP

Calibration: pH Meter Used: BECKMAN Ø 21 SN: 015883
pH 7.00 = 6.99 at 22.7 °C, pH 10.00 = 9.99 at 22.8 °C
Conductance Meter Used: CAS DIGITAL SN: 11341
Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 60	1143	16.7	7.54	2120	very slightly cloudy.
70	1156	16.9	7.63	2100	Slightly cloudy w/ brown silt.
80	1209	17.2	7.54	2120	cloudy w/ brown silt.
90	1225	17.4	7.51	2110	Slightly cloudy w/ brown silt.
100	1237	17.1	7.45	2110	very slightly cloudy.
Final —					— — — Dry

Remarks: Recalibration before 100 gallon volume.
Flow rate = 0.72 gpm.
TURB(FTU) = 0.1 ppm @ 80 gallon vol.

Collected by _____ Signature 09 03
Checked by _____ Signature

C-305

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ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL CONSTRUCTION SUMMARY

Borehole EP-74D1 Well 24197

Project Name and Location RMA section 24 MW installation Project Number T44

Drilling Company Boyles Bros Driller Bob Roach Rig Number Failing 1500

Drilling Method(s) Rotary

Borehole Diameter 16¼ in. ____ cm. 0 ft. ____ cm. to 30.5 ft. ____ cm.
7⅞ in. ____ cm. 30.5 ft. ____ cm. to 69.5 ft. ____ cm.

Size(s) and types of Bit(s) 6¼" blade, 7⅞" blade

Size and Type PVC 4" sched.

Total Borehole Depth	69.5 ft. ____ cm.	Sampling Method(s)	—
Depth to Bedrock	25.5 ft. ____ cm.	Date/Time Start Drilling	8/24/87 0737
Depth to Water	— ft. ____ cm.	Date/Time Finish Drilling	8/27/87 0950
Water Level Determined By	—	Date/Time Start Completion	8/27/87 1117
Length Plain PVC (total)	60.31 ft. ____ cm.	Date/Time Cement Protective Casing	8/25/87 1135
Length of Screen	10.69 ft. ____ cm.	Materials Used	2 centralizers, weep cap, cement
Total Length of Well Casing	71.0 ft. ____ cm.	Plain PVC	6 - 10' sections
PVC Stick Up	1.70 ft. ____ cm.	Slotted PVC	1 - 10' section
Depth to Bottom of Screen	69.30 69.04 SD ft. ____ cm.	Bentonite Pellets	1 2/3 buckets
Depth to Top of Screen	58.35 ft. ____ cm.	Bentonite Granular	180 lbs
Depth to Top of Sand	55.74 ft. ____ cm.	Cement	36 bags
Depth to Top of Bentonite	50.64 ft. ____ cm.	Sand	2¾ bags
		Water added during completion	—
		Water added during drilling	—
		Total Gallons of water added	0

Drill Site Geologist Steve Pace Date 9/3/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed illegible

Date/Time/Personnel Casing Painted illegible

Date/Time/Personnel Numbers Painted illegible

Materials Used illegible

Top of Protective Casing to Top of PVC	0.39 ft. ____ cm.	COMMENTS/NOTES	
Top of Protective Casing to Weep Hole	1.46 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.50 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.80 ft. ____ cm.		
Top of Protective Casing to Ground Level	2.10 ft. ____ cm.		

Reviewed By illegible Date illegible C-306

Drill Site Geologist illegible Date illegible

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Borehole: EP-74D1 Well: 24197

Depth-Feet	Soil/Rock Type	Well Completion	Description
10		3.9	
20		2.10	
30		1.71	
40		el	
50		Pac Joints	
60		8.35'	
70		11.4' centralizer	
		19.4	
		19.55' top of SP	
		28.46	25.6' Bedrock
			29.46 Centralizer
			30.4' Bottom of 8" steel casing
		38.52'	
		48.53'	
		50.64	Top of bentonite
			55.74 Top of SAND
		58.61'	58.35 Top of Screen
			69.30 Bottom of screen
			69.50 Total drilled depth

Drill Site Geologist: [signature] Date 9/10/87

Reviewed By: [signature] Date [illegible]

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-74D1 Well 24197

Project RMA ON-POST
Project Number TASK 44
Date(s) Developed 9/22/87
Date Installed 8/27/87
Personnel (Name/Company) DLW/ESE, DJB/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 16 1/4 in. 0 ft. to 30.5 ft.; 7 7/8 in. 30.5 ft. to 67.5 ft.
Rig Used ESE WATER SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS/7 GPM
Screen Interval 58.35 ft. to 69.30 ft.
Bailer (Type/Capacity) N/A ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 71.07 ft.
Bottom of Screen (Below G.L.) 69.30 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 30.45 / 9-22-87 / 0838
(after 24 hrs.) 31.22 / 10-7-87 / 1655
Feet of Water in Well 40.62 ft. x 0.653 gallons/foot = 26.5 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 40 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 200 gallons
Added Water 0 gallons
Total Purge Volume 200 gallons
Casing/Anulus Volume 26.5 gallons
Volume Measured By 5 GALLON BUCKET / TIME
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN 4521 SN: 02588
pH 7.00 = 7.04 at 13.1 °C, pH 10.00 = 10.14 at 13.1 °C
Conductance Meter Used: CIMS D.OITNL SN: 11341
Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	0910	14.2	8.70	544	very cloudy w/ dark gray silt
Dewatered @ 30	0937	13.5	9.56	386	partly cloudy w/ gray silt
Dewatered @ 37	1122	10.5	9.38	404	murky w/ gray silt
Final					

Bottom of screen = 69.30
Top of sand = 55.71
13.59 ft sand pack

Remarks: Initial H$_2$O(TOC) = 30.45 ft.
Initial pumping rate = 1.25 gpm

Sand pack vol: 13.59 ft x 0.852 gal/ft = 11.5 gal.
1 Purge vol. 26.5 gal (casing vol)
+ 11.5 gal (sand pack vol)

Collected by [signature] 9/22/87
Signature
Checked by [signature] 11/17/87
Signature

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ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore FP 7401 Well 24197

Project RMN - OU-POST
Project Number TASK 44
Date(s) Developed 4/22/87
Date Installed 4/21/87
Personnel (Name/Company) DLW/EEE, PJB/EEE
Well Diameter (I.D.) 4 in.
Anulus Diameter 10¼ in. 0 ft. to 30.5 ft.
7⅞ in. 30.5 ft. to 67.5 ft.
Rig Used EEE WELL SERVICE TRUCK
Screen Interval 57.35 ft. to 67.30 ft.
Pump (Type/Capacity) N/A
Bailer (Type/Capacity) 3.5" x 20'
Water Source
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 71.01 ft.
(final) ft.
Bottom of Screen (Below G.L.) 69.30 ft.
Water Level TOC/Date/Time (Initial) 30.45 / 4-22-87 / 0930
(after 24 hrs.)
Feet of Water in Well 40.6 ft. x 0.653 gallons/foot = 26.5 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 40 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 200 gallons
Added Water 0 gallons
Total Purge Volume 200 gallons
Casing/Anulus Volume 26.5 gallons
Volume Measured By 5 GALLON BUCKET
Surge Technique BAILER

Calibration: pH Meter Used: BECKMAN 521 S/N: 015885
pH 7.00 = 7.03 at 16.7 °C, pH 10.00 = 10.10 at [illegible] °C
Conductance Meter Used: CYBERSCIENTIFIC S/N 11307
Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 37 gal	0915	12.4	8.34	414	clear
50 gal	0927	12.1	8.30	406	[illegible] clear
67 gal	[illegible]	12.4	8.34	393	[illegible]
		Pump down			
Final					

Remarks: Bailed dry to 67 gallons
Well developed @ 30 gallons

1 Volume = 26.5 gal (casing vol)
= 136 gal (sand pack vol)

Collected by [signature] 4/22/87
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Checked by [signature]
Signature

C-3

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WELL DEVELOPMENT DATA

Bore EP-74 D1 Well 24197

Project RMA ON Post Project Number Task #411

Date(s) Developed 09-24-87 Date Installed 9/87

Personnel (Name/Company) PJB ESE Well Diameter (I.D.) 8/27/87 in.

GLV ESE Anulus Diameter 6 1/4 in. 0 ft. to 20.5 ft.

Rig Used ESE Well Service Truck 2 7/8 in. 20.5 ft. to 68.5 ft.

Pump (Type/Capacity) GeoTech - ISCO 1.3gpm Screen Interval 58.35 ft. to 69.30 ft.

Bailer (Type/Capacity) N/A ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 71.07 ft. Bottom of Screen (Below G.L.) 68.30 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 30.45 / 09-22-87 / 0838

(after 24 hrs.)

Feet of Water in Well 40.62 ft. x 0.653 gallons/foot = 26.5 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 20 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 200 gallons

Added Water 0 gallons Total Purge Volume 200 gallons

Casing/Anulus Volume 26.5 gallons Volume Measured By 5 gal Bucket

Surge Technique Raise Pump

Calibration: pH Meter Used: Beckman 05/ SN 015883

pH 7.00 = 7.03 at 7.4 °C, pH 10.00 = 10.10 at 17.1 °C

Conductance Meter Used: CMS Dig. 4A/ SN 11341

Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 67 gal.	0910	13.1	8.20	1060	slightly milky, little silt - trace fine sand
100 gal.	1007	~~+5.8~~ 16.2 GLV	~~0.43~~ 8.16 GLV	856	slightly milky, some silt, trace fine sand
			GLV		
				well Dewatered	
Final 100 gal					

Remarks: Well Dewatered after pumping another 33 gallons

Hole Id : 2.5 Background O.

26.5 gal (CASING VOL)

13.3 gal

Collected by [signature] 2345

Signature

Checked by [signature]

Signature

C-310

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ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

EP 74 D-1 Well 24197

Project RMA ON Post
Project Number 87937 0210 TASK 44
Date(s) Developed 09-25-87
Date Installed 08-27-87
Personnel (Name/Company) PJB ESE
GLV ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 16½ in. 0 ft. to 30.5 ft.
7⅞ in. 30.5 ft. to 69.5 ft.
Rig Used ESE Well Service Truck
Pump (Type/Capacity) Geotech/Isco 1.3 GPM
Screen Interval 58.35 ft. to 68.35 ft.
Bailer (Type/Capacity) N/A
____ ft. to ____ ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 71.07 ft.
Bottom of Screen (Below G.L.) 68.35 ft.
(Final) ____ ft.
Water Level TOC/Date/Time (Initial) 30.45 / 09-22-87 / 0838
(after 24 hrs.) ____
Feet of Water in Well 40.62 ft. x 0.653 gallons/foot = 26.50 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 40 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 200 gallons
Added Water 0 gallons
Total Purge Volume 200 gallons
Casing/Anulus Volume 26.5 gallons
Volume Measured By 5 gal Bucket
Surge Technique Raise & Lower Dump

Calibration: pH Meter Used: Beckman 021 SN 015883
pH 7.00 = 7.01 at 20.3 °C. pH 10.00 = 10.06 at 20.4 °C
Conductance Meter Used: CMS Digital SN 11341
Standard 1413 umhos/cm at 25°. Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 100	11:30	14.3	8.05	1072	Clear
115	11:45	15.0	8.08	1006	Clear
130	12:2.	15.1	8.21	92[illegible]	[illegible]
				[illegible]	
Final					

Remarks: HNU TOC 0.4 Background 0.4

Casing Vol 26.5
Sand Pack 13.6
PJB

Collected by [signature]
Checked by [signature] 4/1/87

C-311

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EE 74 D-1 Well 24197

Project Rifle Real Cost Project Number 87837 C 21C Task 4

Date(s) Developed 09-28-87 Date Installed 08-27-87

Personnel (Name/Company) PTB ESE Well Diameter (I.D.) 4 in.

GLV ESE Anulus Diameter 16 1/4 in. C ft. to 30.5 ft.

Rig Used ESE Well Service Truck 7 7/8 in. 30.5 ft. to 69.5 ft.

Pump (Type/Capacity) Geotech / ESCO 1.3 GPM Screen Interval 58.35 ft. to 67.30 ft.

Bailer (Type/Capacity) N/A ft. to ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 71.07 ft. Bottom of Screen (Below G.L.) 69.30 ft.

(Final) ft.

Water Level TOC/Date/Time (Initial) 30.45 / 09-22-87 / 0838

(after 24 hrs.)

Feet of Water in Well 40.62 ft. x 0.653 gallons/foot = 26.52 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 40 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 200 gallons

Added Water 0 gallons Total Purge Volume 200 gallons

Casing/Anulus Volume 26.5 gallons Volume Measured By 5 gal Bucket

Surge Technique Air & Water Mixture

Calibration: pH Meter Used: Beckman ES-1 SN 015883

pH 7.00 = 7.04 at 14.7 °C, pH 10.00 = 10.14 at 14.7 °C

Conductance Meter Used: Cole Parmer SN 11341

Standard 1413 umhos/cm at 25°, Reading 1415 umhos/cm at 14.7 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 130	0920	11.2	8.32	1200	Cloudy, Sand
145	0932	11.3	8.33	1020	
165	1003	11.7	8.27	1020	
Final					

Remarks: Air EE 1-2 Packer set @ 58' Bailed dry @ 35 gallons

Collected by _____ Signature

Checked by _____ Signature

C-312

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EG74 D-L Well 24497

Project RMA ON POST
Project Number 87937.02.06 TASK 44
Date(s) Developed 09-30-87
Date Installed 08-27-87
Personnel (Name/Company) PJB ESE
GBH ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 16¼ in. 0 ft. to 30.5 ft.
7⅞ in. 30.5 ft. to 69.5 ft.
Rig Used ESE well service truck
Pump (Type/Capacity) Geotech/ESE 1.3 GPM
Screen Interval 58.35 ft. to 69.30 ft.
Bailer (Type/Capacity) N/A
ft. to ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 71.07 ft.
Bottom of Screen (Below G.L.) 69.30 ft.
(Final) ft.
Water Level TOC/Date/Time (Initial) 30.45 / 09-28-87 / 0838
(after 24 hrs.) 31.22 / 10-7-87 / 1635
Feet of Water in Well 40.62 ft. x 0.653 gallons/foot = 26.5 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 40 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 200 gallons
Added Water 0 gallons
Total Purge Volume 200 gallons
Casing/Anulus Volume 26.5 gallons
Volume Measured By 5 gal Bucket
Surge Technique Rise & Surge Pump

Calibration: pH Meter Used: Beckman 21 SN 015533
pH 7.00 = 7.03 at 15.1 °C, pH 10.00 = 10.13 at 14.3 °C
Conductance Meter Used: ~~GH Diagnostics~~ SN YSI
Standard ____ umhos/cm at 25°, Reading ____ umhos/cm at ____ °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 165	1105	13.7	8.24	1107	clear, no odor
180	1139	13.3	8.33	1016	clear
200	1210	13.1	9.51	836	clear, no odor
Final 200					clear

Remarks: Hit Top of Bentonite @ 33.65

Collected by [signature] Signature
Checked by [signature] Signature

C-313

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole EP-74 DZ Well 24198

Project Name and Location Section 24 Mantin Well Project Number T41

Drilling Company Boyle Bros. Driller B. Roesh Rig Number Failing 500

Drilling Method(s) rotary

Borehole Diameter	16¼"	in.	cm.	0	ft.	cm. to	21	ft. cm.
	12¼"	in.	cm.	81	ft.	cm. to	74.50	ft. cm.
	7⅞"			74.50 ft		to	117.00 ft.	

Size(s) and types of Bit(s) 6¼" blade, 12¼" blade, 7⅞" blade

Size and Type PVC 4" sched 40

Total Borehole Depth 117.0 ft. cm.

Depth to Bedrock 25.5 ft. cm.

Depth to Water — ft. cm.

Water Level Determined By —

Length Plain PVC (total) 80.80 ft. cm.

Length of Screen 37.24 ft. cm.

Total Length of Well Casing 118.04 ft. cm.

PVC Stick Up 1.70 ft. cm.

Depth to Bottom of Screen 116.34 ft. cm.

Depth to Top of Screen 79.10 ft. cm.

Depth to Top of Sand 73.7 ft. cm.

Depth to Top of Bentonite 69.25 ft. cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 8/28/87 0715

Date/Time Finish Drilling 9/2/87 1125

Date/Time Start Completion 9/2/87 1135

Date/Time Cement Protective Casing 9/1/87 1625

Materials Used well cap, lock

Plain PVC 8-10' sections, 1 cut 5 ft sect.

Slotted PVC 3-10' sections, 1-5 ft section

Bentonite Pellets 1 2/3 buckets

Bentonite Granular 5½ buckets

Cement 54 bags

Sand 9 bags

Water added during completion —

Water added during drilling 100 gal

Total Gallons of water added 100 gal

Drill Site Geologist Steve Parks Date 9/9/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/1 PV

Date/Time/Personnel Casing Painted 9/1/87 orange Dew 1 ft

Date/Time/Personnel Numbers Painted 3/23/88 Dew 5 ft

Materials Used 10 bags of bentonite.

Top of Protective Casing to Top of PVC	0.27 ft.	cm.	COMMENT NOTES
Top of Protective Casing to Weep Hole	1.40 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.42 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.70 ft.	cm.	
Top of Protective Casing to Ground Level	2.0 ft.	cm.	

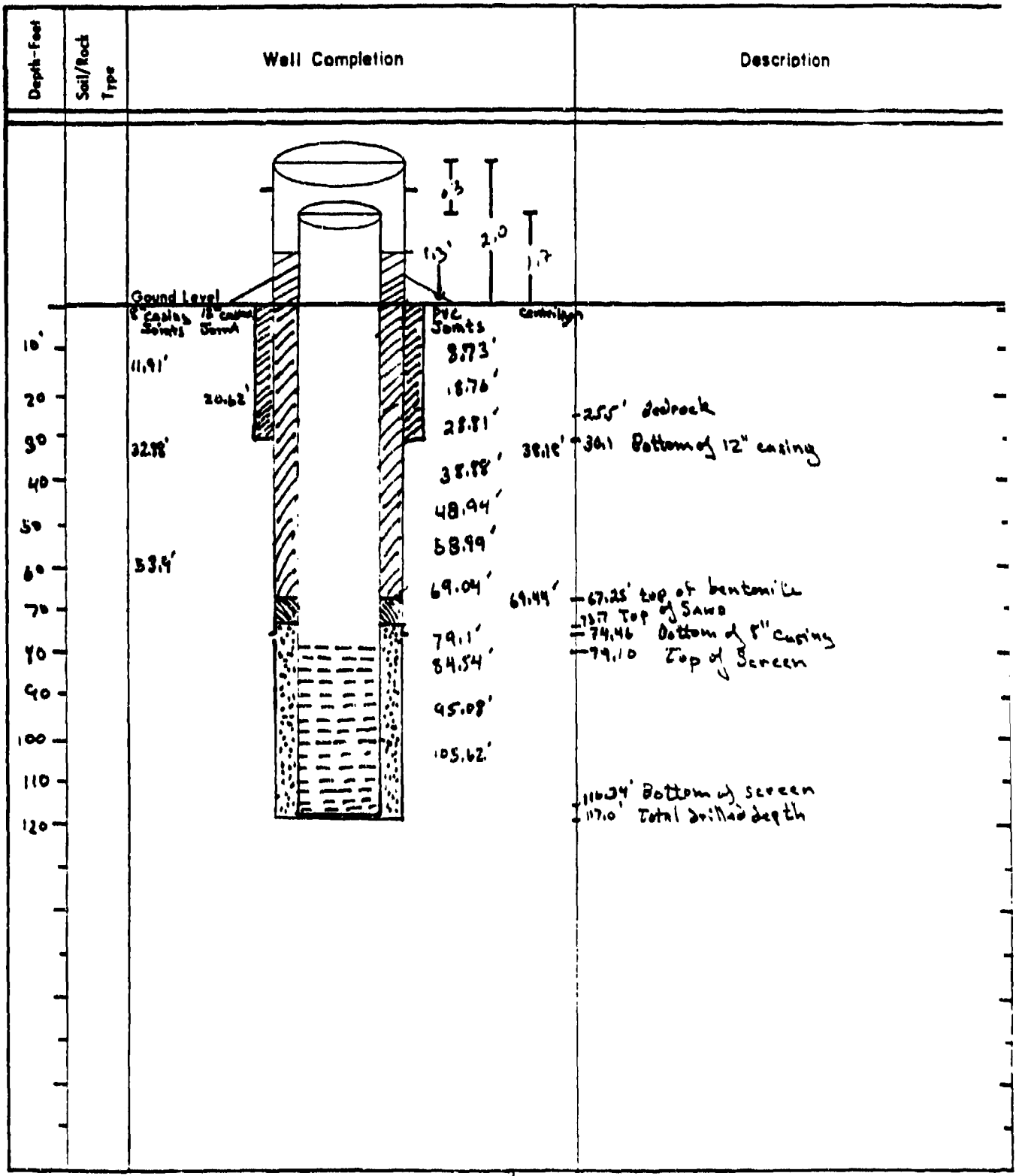
Reviewed By [signature] Date 9/9/87

Drill Site Geologist [signature] Date 9/9/87

C-314

7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-75D2 Well: 24198



Drill Site Geologist: Steve Wade Date: 9/10/87

Reviewed By: [illegible] Date: [illegible]

C-315

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-7432 Well 04158

Project RMA UN-POST
Date(s) Developed 9/22/87
Personnel (Name/Company) DWJ/ESE
PJS/ESE
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS / 7 GPM
Bailer (Type/Capacity) N/A
Water Source RMA

Project Number TASK 44
Date Installed 9/4/87
Well Diameter (I.D.) 4 in.
Anulus Diameter 16½ in. 0 ft. to 31 ft.
12¼ in. 31 ft. to 74.50 ft.
Screen Interval 71 ft. to 111.34 ft.
____ ft. to ____ ft.
Casing Height (Above G.L.) 1.7 ft.
Bottom of Screen (Below G.L.) 116.34 ft.

Measured Well Depth TOC (Initial) 117.45 ft.
(Final) ____ ft.
Water Level TOC/Date/Time (Initial) 31.25/9-22-87/1055
(after 24 hrs.) 91.72/9-25-87/1005
Feet of Water in Well 86.2 ft. x 2.652 gallons/foot = 56.3 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 100 gallons
Casing/Anulus Volume 56.3 gallons

** One Purge Volume 193.6 gallons
Minimum Purge Volume 968 gallons
Total Purge Volume 1000 gallons
Volume Measured By 55 GAL. DRUM
Surge Technique SURGE/WATER PUMP

Calibration: pH Meter Used: BECKMAN 4521 SN: 6X7983
pH 7.00 = 7.00 at 23.4 °C, pH 10.00 = 10.07 at 23.5 °C
Conductance Meter Used: CHEM DOT SN: 11301
Standard 1413 umhos/cm at 25°, Reading 1415 umhos/cm at 23.5 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 50 gal	1321	15.6	11.96	1423	
100 gal	1431	14.2	11.41	615	
300 gal	1522	15.4	10.55	441	
270	1552	15.6	10.31	421	
Final					

Remarks: TOTAL VOLUME (GAL) 1000 gal
* FINAL ANNULUS FILL 12½" DIA TO 31'
FINISHED DEVELOPMENT @ 1717 HRS.

Sample vol. 1 liter + 0.354 gal (1.34 l) 36 gal Collected by ____ Signature
Purge vol. 50 gal (initial) + 36 gal (sample vol.) + 100 gal (added water) + 1000 gal (total purge vol.)
Checked by ____ Signature 4/1/88

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7008 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0630

WELL DEVELOPMENT DATA

Bore EP-74 DL Well 24198

Project RMA ONPOST
Project Number THSE 44
Date(s) Developed 9/23/87
Date Installed 9/2/87
Personnel (Name/Company) DLW/ESE
DJB/ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 16½ in. 0 ft. to 31 ft.
x 12¼ in. 31 ft. to 74.5 ft.
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS / 26 GPM
Screen Interval 79.1 ft. to 116.34 ft.
Bailer (Type/Capacity) N/A
___ ft. to ___ ft.
Water Source RMA
Casing Height (Above G.L.) 1.7 ft.
Measured Well Depth TOC (Initial) 117.45 ft.
Bottom of Screen (Below G.L.) 116.34 ft.
(Final) ___ ft.
Water Level TOC/Date/Time (Initial) 31.25/9-22-87/1055
(after 24 hrs.) 31.72/9-23-87/1445
Feet of Water in Well 86.2 ft. x 0.653 gallons/foot = 56.3 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 4x 192.6 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 561 gallons
Added Water 130 gallons
Total Purge Volume 1000 gallons
Casing/Anulus Volume 56.3 gallons
Volume Measured By 55 GALLON DRUM
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN 421 SN: 05433
pH 7.00 = 7.02 at 19.3 °C. pH 10.00 = 10.07 at 19.2 °C
Conductance Meter Used: CAMLAB 210/211 SN: 11341
Standard 1413 umhos/cm at 25°. Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 270	1032	13.3	10.30	462	Muddy, brown
400	1035	13.5	10.19	445	Muddy, brown
500	1050	13.7	9.95	420	Muddy
600	1107	13.3	9.91	414	Muddy
700	1123	~~13.2~~ DW	9.74	415	Muddy
Final 800	1135	15.6	9.75	413	Muddy

Remarks: Initial DTW = 31.25 ft. Water level = 32.7
* Five volumes = 771 + 771.5 = 1171
- 1 volume = 154.2 gal

x 1 Purge vol. = 192.6 gal (casing vol.)
56.3 gal (annular vol.)
+ 100.4 gal (residual water)
349.3 gallons

Collected by [signature] 9/23/87
Signature
Checked by [signature] 9/23/87
Signature

C-317

ESE 7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-74D2 Well 24198

Project RMA ON-POST Project Number TASK 44

Date(s) Developed 9/23/87 Date Installed 9/2/87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

DSB/ESE Anulus Diameter 16½ in. 0 ft. to 31 ft.

Rig Used ESE WELL SERVICE TRUCK * 12¼ in. 31 ft. to 74.5 ft.

Pump (Type/Capacity) GRUNDFOS / 36 GAL Screen Interval 79.1 ft. to 116.34 ft.

Bailer (Type/Capacity) N/A ____ ft. to ____ ft.

Water Source RMA Casing Height (Above G.L.) 1.7 ft.

Measured Well Depth TOC (Initial) 117.45 ft. Bottom of Screen (Below G.L.) 116.34 ft.

(Final) 118.15 ft.

Water Level TOC/Date/Time (Initial) 31.25/9-22-87/1055

(after 24 hrs.) 31.72 / 09-25-87 / 0845

Feet of Water in Wall 86.2 ft. x .0653 gallons/foot = 56.3 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume ** 142.6 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 963 gallons

Added Water 100 gallons Total Purge Volume 1000 gallons

Casing/Anulus Volume 563 gallons Volume Measured By 55 GAL DRUM

Surge Technique 2" ISS / LOWER PUMP

Calibration: pH Meter Used: BECKMAN ΦI 31 SN: 6455003

pH 7.00 = 7.02 at 19.3 °C, pH 10.00 = 10.07 at 19.2 °C

Conductance Meter Used: CYLUS DIGITAL SN. 11341

Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
~~Initial~~ 400	1146	13.7	9.50	421	clear
Final 1000	1158	13.2	9.42	415	clear
~~Final~~					

Remarks: INITIAL WWL (TOC) = 117.45 WATER LEVEL = 31.25 9-22-87 1055

8" CASING DIA = 7.7" TOC TO 116.0

FINAL PUMP RATE = 10 GPM

** 1.2 CASING VOL. = 56.3 gal (casing vol)
30.1 gal (annular vol)
100.0 gal (drilled water)
186.4 gallons

Collected by _____ Signature 9-23-87

Checked by _____ Signature 4/11/91

C-318

ESE 7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP-75 Well

Project Name and Location T44 MW Installation Project Number Task 44

Drilling Company Boyles Driller B. Roach Rig Number Failing 1500

Drilling Method(s) rotary

Size(s) and type(s) of bit(s) 3 7/8" tricone, 11 1/2" auger

Borehole Diameter 11 1/2 in. ____ cm. 0 ft. ____ cm. to 31 ft. ____ cm.

3 7/8 in. ____ cm. 31 ft. ____ cm. to 122 ft. ____ cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 9

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 7.24.87 0706

Date/Time Completed Drilling 7.27.87 1124

Total Borehold Depth 122 ft. ____ cm.

Depth to Bedrock 88.9 ft. ____ cm.

Depth to Water 23 ft. ____ cm.

Water Level Determined By? sounding tape measure

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 7.28.87 0719

Depth of Tremmie Pipe 120'

Gallons of Grout 90

Materials Used 9 bags cement, 90 gals. water, 1 bag bentonite

Comments grouted to surface, pulled PVC out of hole

Wellsite Geologist C O Benson Date 7.29.87

Checked for Grout Settlement on 7/30/87 by Steve Pace

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by Steve Pace Date 2/19/88

Drill Site Geologist ____

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ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 1 OF 1

Borehole: EP-75A Well Number: 23223

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1'	1 0.0'-2.0'	1.2'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	CLAY: 20% silt, 10YR 5/4, yellowish brown stiff, moist, medium plastic
2'						
3'	2 2.0'-4.0'	1.4'/2.0'			CL	Clay, 30% silt, 10YR 5/3, brow, medium stiff moist, medium plastic, 10% Sand, fine to coarse grained
4'						
5'	3 4.0'-6.0'	1.0'/2.0'				
6'						
7'	4 6.0'-7.0'	9"/1.0'			CL	CLAY, 35% Sand, fine to very coarse grained 10YR 8/4, very pale brown, moist, medium st medium plastic, calcareous
8'	5 7.0'-8.0'	1.0'/1.0'				
9'	6 8.0'-10.0'	1.35'/2.0'			SM	Silty Sand, 20% silt, fine to very coarse gra Sand; 2.5Y 6/4, light yellowish brown moist medium dense, non plastic, ~~medium dense~~
10'						

Drill Site Geologist: Steve Bartz Date: 7/23/87

Reviewed By: Joseph L. Reed Date: 9/29/87

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ESE 7332 SOUTH ALTON WAY • SUITE H-1 ENGLEWOOD, COLORADO 80112 • 303/741-0839

SHEET 1 OF 1

Borehole: EP-7SA Well Number: 23223

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11'	7 10.0'-12.0'	0.8'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	SM	Silty Sand, (see pg 1)
12'						
13'	8 12.0'-14.0'	1.0'/2.0'			SC	Clayey SAND, 12% clay, fine to very coarse grained sand, 10% fine to medium gravel, 2.5Y 6/4 light yellowish brown, moist, v. low plastic, medium dense
14'						
15'	9 14.0'-16.0'	1.0'/2.0'			SP	Sand, Poorly graded, fine to very coarse grained sand 5% fine to medium gravels, 2.5Y 6/4, light yellowish brown, moist, non plastic, medium dense
16						
17	10 16.0'-17.0'	.85'/1.0'			GP	Poorly graded gravel, 40% sand, medium to v. coarse grained, 2.5Y 6/4, light yellowish brown moist, non plastic medium dense
	11 17.0'-18.0'	.95'/1.0'			SP	Poorly graded sands, fine to very coarse grained san 5% small gravel, 2.5Y 6/4, light yellowish brow moist, non plastic med. dense
18	12 18.0'-19.0'	1.0'/1.0'			SC	Clayey sand, 40% clay, fine to medium grained sand 2.5Y 6/4, light olive brown, dense to low plastic
19	13 19.0'-20.0'	0.7'/1.0'			SM	Silty sand, 15% silt, fine to medium grained, sand, 2.5Y 6/4 light yellowish brown, moist, medium dense, non plastic
20					SC	Clayey sand, 30% clay, fine to medium grained sand 2.5Y 5/4 light olive brown, moist, medium stiff low plastic

Drill Site Geologist: Steve Pardo Date: 7/23/87

Reviewed By: Joseph L. Ruc Date: 9/29/87

C-322

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7392 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-75A Well Number: 23223

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
			SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	SC	Clayey sand (see pg 2)
21	14 20.0'-21.0'	1.0'/1.0'			SM	Silty Sand, 15% silt, fine to coarse grained sand, 2.5Y 5/4, light olive brown, medium dense, moist, non plastic
22	15 21.0'-22.0'	1.0'/1.0'				
23	22.0'-24.0'	0.0'/2.0'				
24	16 23.0'-24.0'	1.0'/1.0'			SP	Poorly Graded Sands, Coarse to very coarse grained sands, 5% small gravels, 2.5Y 6/4, light yellowish brown, medium dense, saturated non plastic.
25	17 24.0'-25.0'	.75'/1.0'				
26	25.0'-26.0'	0.0'/2.0'				
27	18 26.0'-28.0'	2.0'/2.0'				
28						gravels increase to 10% and size increase to small to medium gravels
29	19 28.0'-29.0'	1.0'/1.0'			GP	Poorly graded gravels, 30% sand, coarse to v. coarse grained, small to med size gravel, 10YR 6/4, light yellowish, brown, medium dense, saturated, non plastic
30	20 29.0'-31.0'	0.4'/2.0'				29.8' Claystone Bedrock, 5Y 5/3, Olive, very stiff moist, medium plastic, weathered, blocky

Drill Site Geologist: Steve Pace Date: 7/23/87

Reviewed By: Joseph L. Reid Date: 9/29/87

C-323

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-75A Well Number: 2322.3

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
31	20 29.0'-31.0'	0.1' 2.0'	SAME AS tube Number	SAME AS tube Interval		Claystone Bedrock (see pg 3)
32	21 31.0'-32.0'	1.0' 1.0'				TOTAL DEPTH 32.0'

Drill Site Geologist: Steve Page Date: 7/23/87

Reviewed By: Joseph L. Reed Date: 9/29/87

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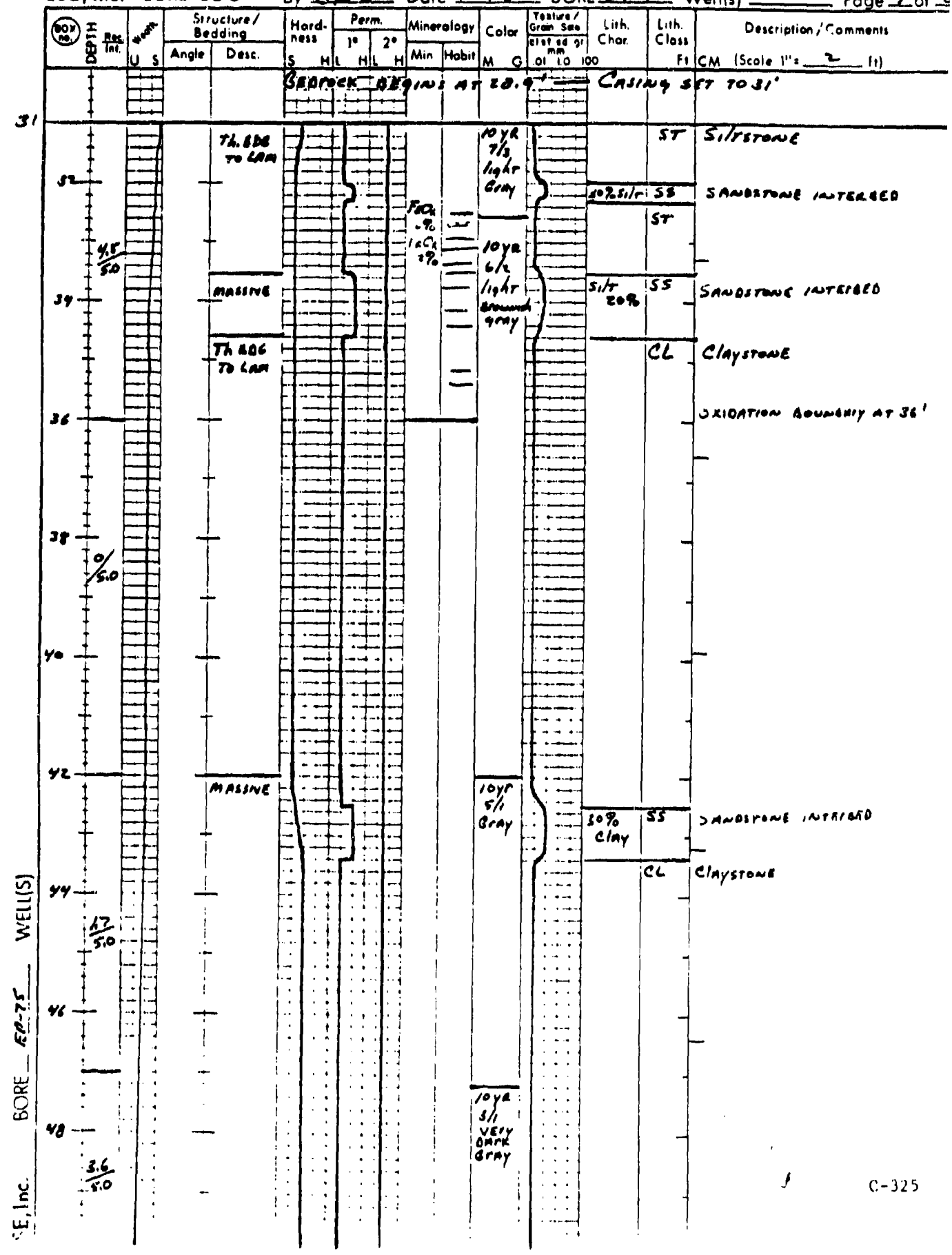
ESE, Inc. CORE LOG By GLL Date 7-29-87 BORE EP-75 Well(s) _____ Page 1 of 5



ESE, Inc. BORE EP-75 WELL(S)

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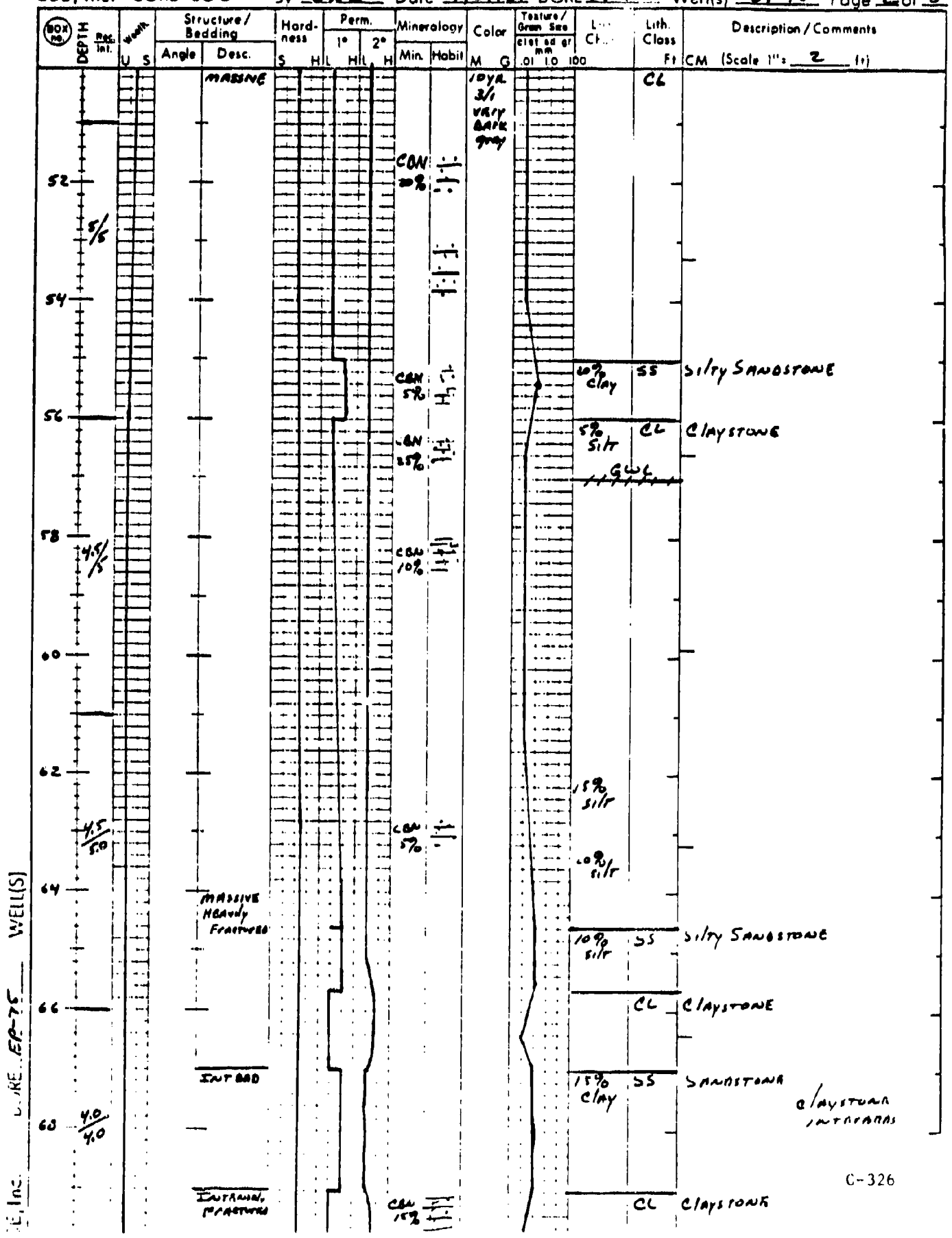
ESE, Inc. CORE LOG By GWL Date 7/29/87 BORE EP-75 Well(s) ~~EP-75~~ Page 2 of 5



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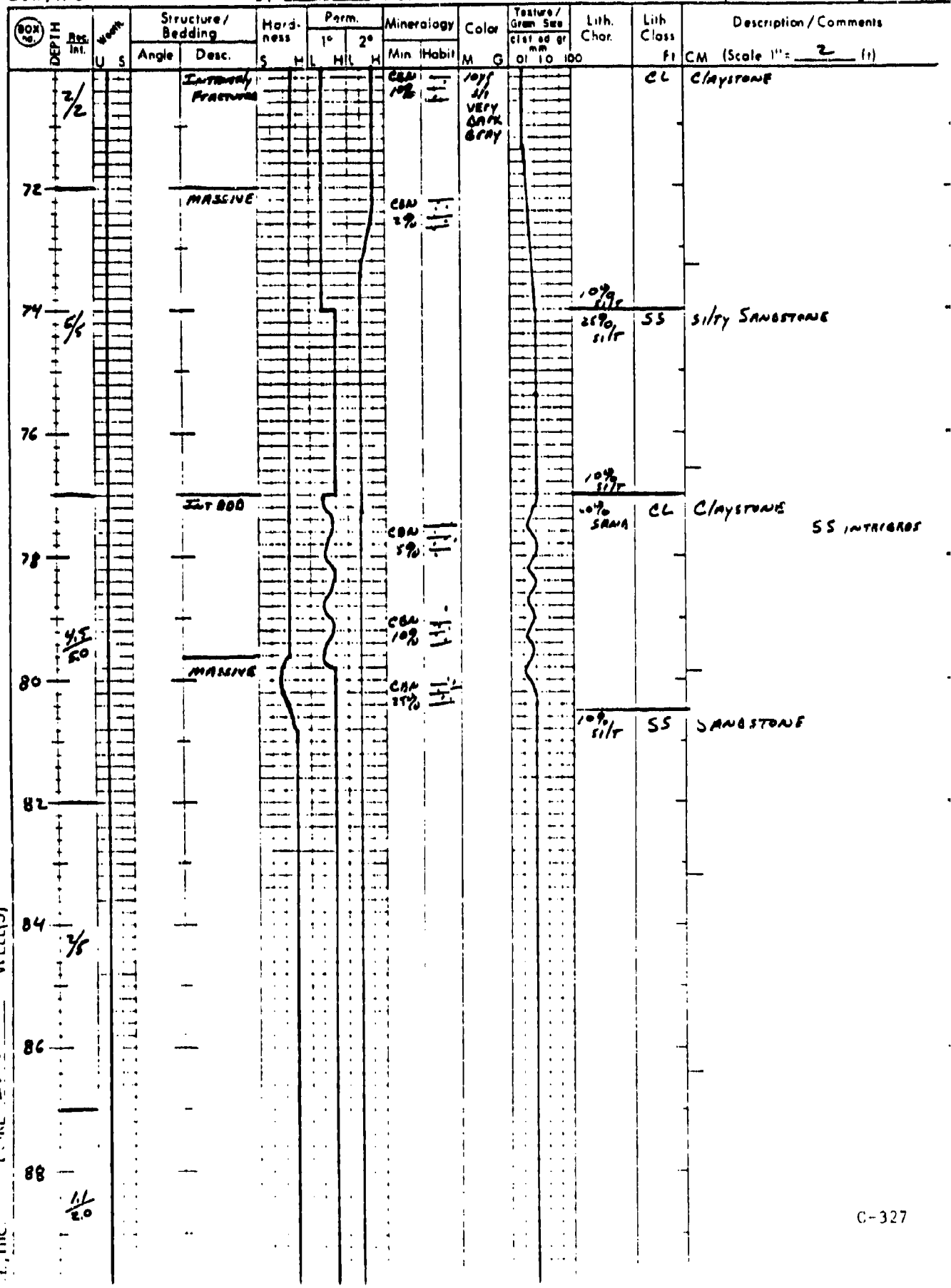
ESE, Inc. CORE LOG by GW/C Date 7/29/87 BORE EP-75 Well(s) _____ Page 3 of 5



WELL(S) _____ CORE EP-75

E, Inc.

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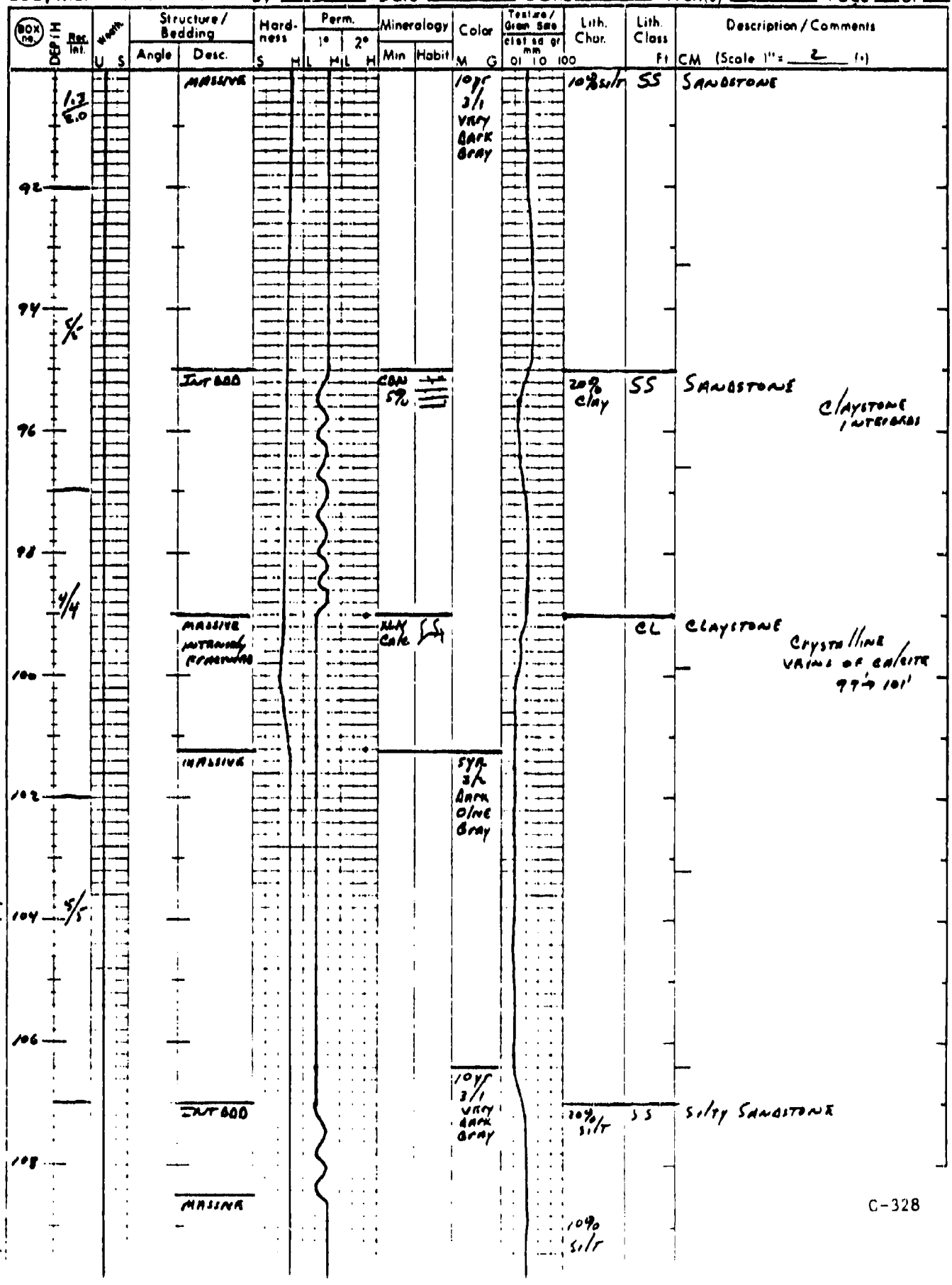
ESE, Inc. CORE LOG By GCL Date 7/29/97 BORE EP-7S Well(s) _____ Page 4 of 5



BORE EP-7S WELL(S)

E, Inc.

C-328

ESE, Inc. CORE LOG 3v GWL Date 7/29/87 BORE EP-75 Well(s) _____ Page 5 of 5

BOX No.	DEPTH	Rec. Int.	Weath. U	Weath. S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Hardness H/L	Perm. 1° H/L	Perm. 2° H/L	Mineralogy Min	Mineralogy Habit	Color M	Color G	Texture/Grain Size clist sd gr mm .01 to 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	112	5/5				MASSIVE							10YR 3/1	Dark Gray			SS	SANDSTONE
	114	5/5				INTBDD					CBN 5%							CLAYSTONE INTERBDS
	116																	
	118	5/5				MASSIVE											CL	CLAYSTONE
	120																	
	122																	END OF BORING
	124																	
	126																	
	128																	

BORE EP-75 WELL(S)

E, Inc.

C-329

Frontier Logging

Lakewood, Colorado

Company: ESE

Well No.: EP-75

Area/Project: RMA

County: ADAMS COUNTY | State: COLORADO

Section | Township | Range | Elevation

Log Measured From: Ground Level

Date: JULY 27, 1987

Driller Depth: 122 Ft | Miles Round Trip

Bit Size: 3 7/8" | Standby

Casing Depth: 31 Ft | Time On: 1135 | Time Off: 1205

Fluid in Hole: Water | Unit No: 110

Density/Viscosity | pH | Operator: Wm. Linton

Drilling Measured From: Ground Level | Location: Lakewood

EQUIPMENT DATA

T.D. Logged: 121 Ft

Natural Gamma: 200 Scale = 20 CPS per inch

Time Constant: 2 Sec | Logging Speed: 15 F/Min

Cable Source Rx/Value | CPS

Probe No: 103-1041 | Probe Diameter: 1 5/8"

Doctor Type Size: xtal 3/4 x 1 1/4"

K Factor: 1.60 x 10⁻⁵ | Dead Time: 7 Microsec

Water Factor: 1.10 for hole size 3 7/8"

Casing Factor | for well bo

Resistance: 50 ohms/5" Ohms per 5 Inches

S.P.: 10 MV/Inch MV per Inch

NATURAL GAMMA (ANALOG) (Initial log off scale)

Scale = CPS/In	TC Sec	Logging Speed F/Min	From Ft	To Ft	Total Ft

Gamma (Analog) Ft

Gamma (Digital) Ft

Caliper Ft

Temperature Ft

DIRECTIONAL DATA

Closure Ft

Azimuth

True Vertical Ft | Survey Depth Ft

Density Source No | Type | Strength

CPS/Inch

Neutron Source No | Type | Strength

CPS/Inch

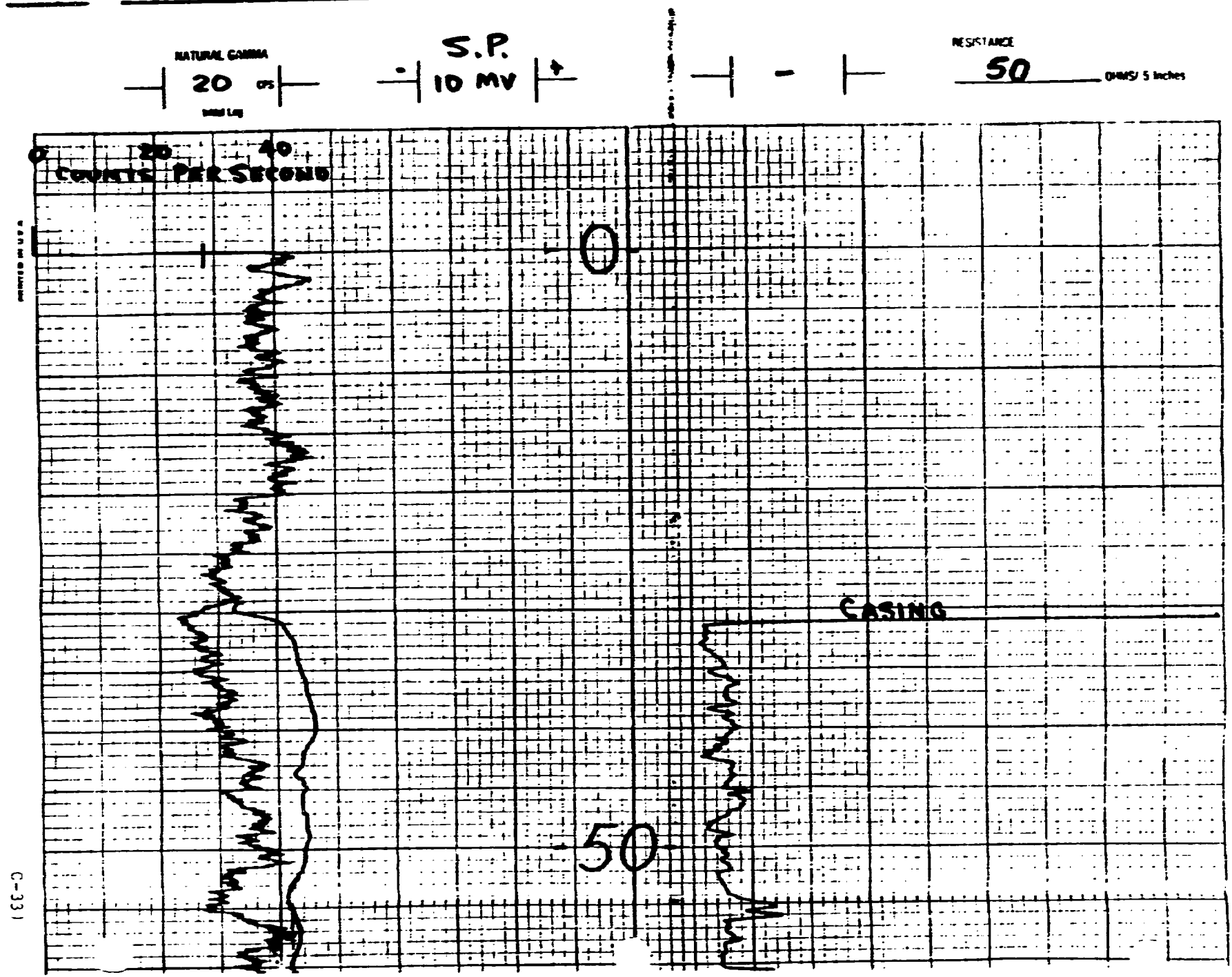
NATURAL GAMMA — 20 CPS — Initial Log

S.P. — 10 MV

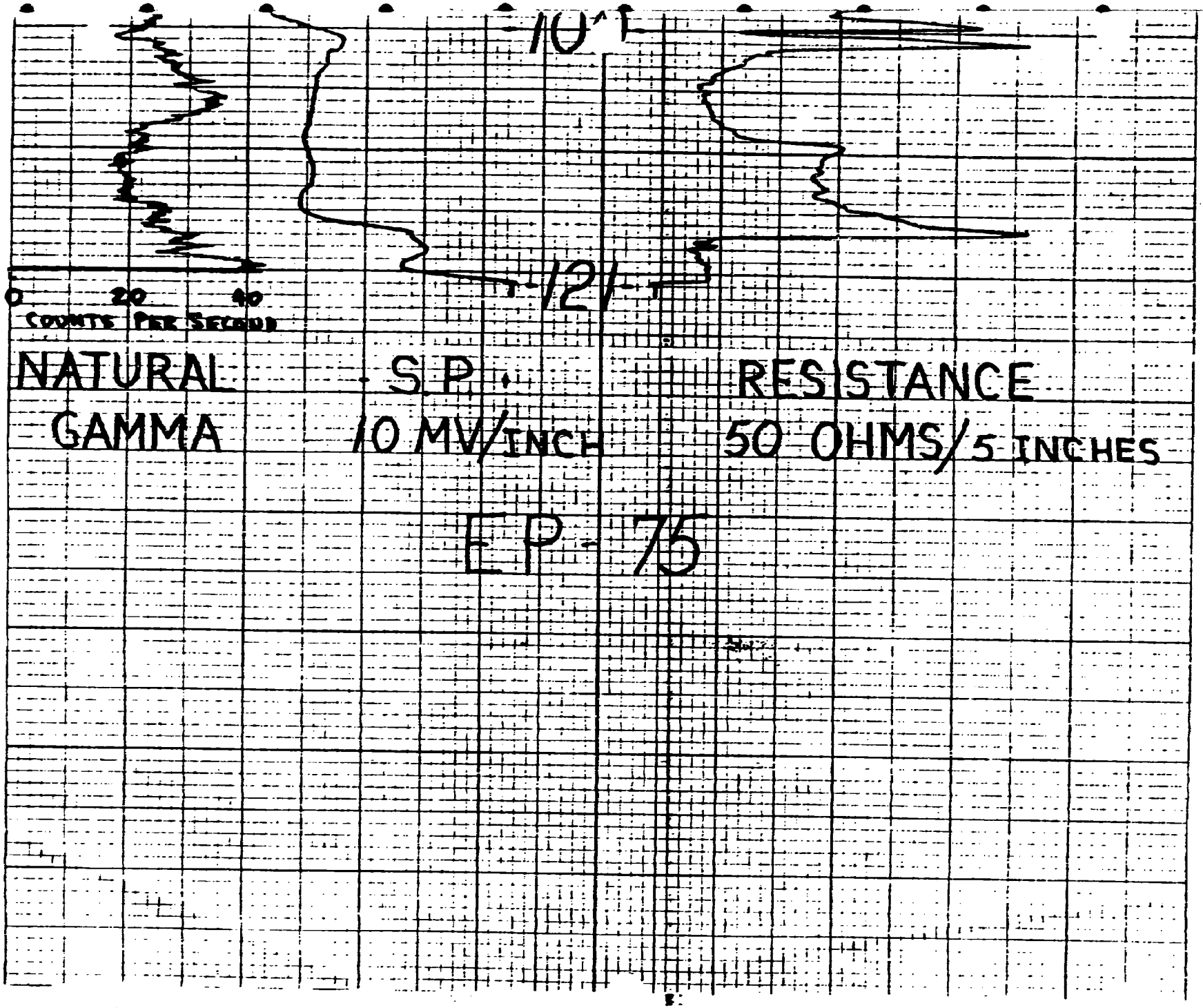
RESISTANCE — 50 OHMS/ 5 Inches

C-330

BEST AVAILABLE COPY


NATURAL GAMMA
20
S.P.
10 MV
RESISTANCE
50
OHMS/ 5 Inches
0
20
40
COUNTS PER SECOND
0
CASING
50

50
100
150
0
20
40
COUNTS PER SECOND
FRONTIER LOGGING CORPORATION
C-332


10"
12"
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P.
10 MV/INCH
RESISTANCE
50 OHMS/5 INCHES
E P - 75

C-333

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0636

WELL CONSTRUCTION SUMMARY

Borehole EP-75A Well 23223

Project Name and Location Task 3 SP 44 Section 23 Project Number 879370210

Drilling Company Boyles Bros Driller Don Irvine Rig Number IR

Drilling Method(s) Hollow stem auger 3¼" ID SP 7¼ SP O.D. Continuous Sampling Reamed with 8¼ ID 12¼ OD Hollow Stem Auger

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 32.0' ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) Hollow Stem Auger 12¼"

Sampling Method(s) continuous hollow stem Auger

Size and Type PVC 4" Sch 40 0.20" slot

Total Borehole Depth 32.0' ft. ____ cm.

Depth to Bedrock 29.8' ft. ____ cm.

Depth to Water 22.7 ft. ____ cm.

Water Level Determined By sounding + sample

Length Plain PVC (total) 17.06 ~~18.88~~ ft. ____ cm.

Length of Screen 16.21 ft. ____ cm.

Total Length of Well Casing 33.27' ft. ____ cm.

PVC Stick Up 1.70 ft. ____ cm.

Depth to Bottom of Screen 31.57 ft. ____ cm.

Depth to Top of Screen 15.36 ft. ____ cm.

Depth to Top of Sand 11.0' ft. ____ cm.

Depth to Top of Bentonite 6.0 ft. ____ cm.

Date/Time Start Drilling 7/15/87 0726

Date/Time Finish Drilling 7/16/87 1028

Date/Time Start Completion 7/17/87 0633

Date/Time Cement Protective Casing 7/17/87 0915

Materials Used 3 cem boots, 23' of 2" tubing

Plain PVC 1-10', 2-5' section

Slotted PVC 1-10', 1-5' section

Bentonite Pellets 4½ buckets

Bentonite Granular 1 SP. 20 bag

Cement 3 bags

Sand 11 bags

Water added during completion 0

Water added during drilling 20 gal

Total Gallons of water added 20 gal

Drill Site Geologist Stan Pavis

Date 7/17/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ~~7/16/87 1400~~ 7/23/87 1100 KLC

Date/Time/Personnel Casing Painted 7/23/87 1100

Date/Time/Personnel Numbers Painted 7/23/87 1100

Materials Used 15 80# bags of cement mix

Top of Protective Casing to Top of PVC	0.3' ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.1 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.24 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.75 ft.	____ cm.	
Top of Protective Casing to Ground Level	1.80 ft.	____ cm.	

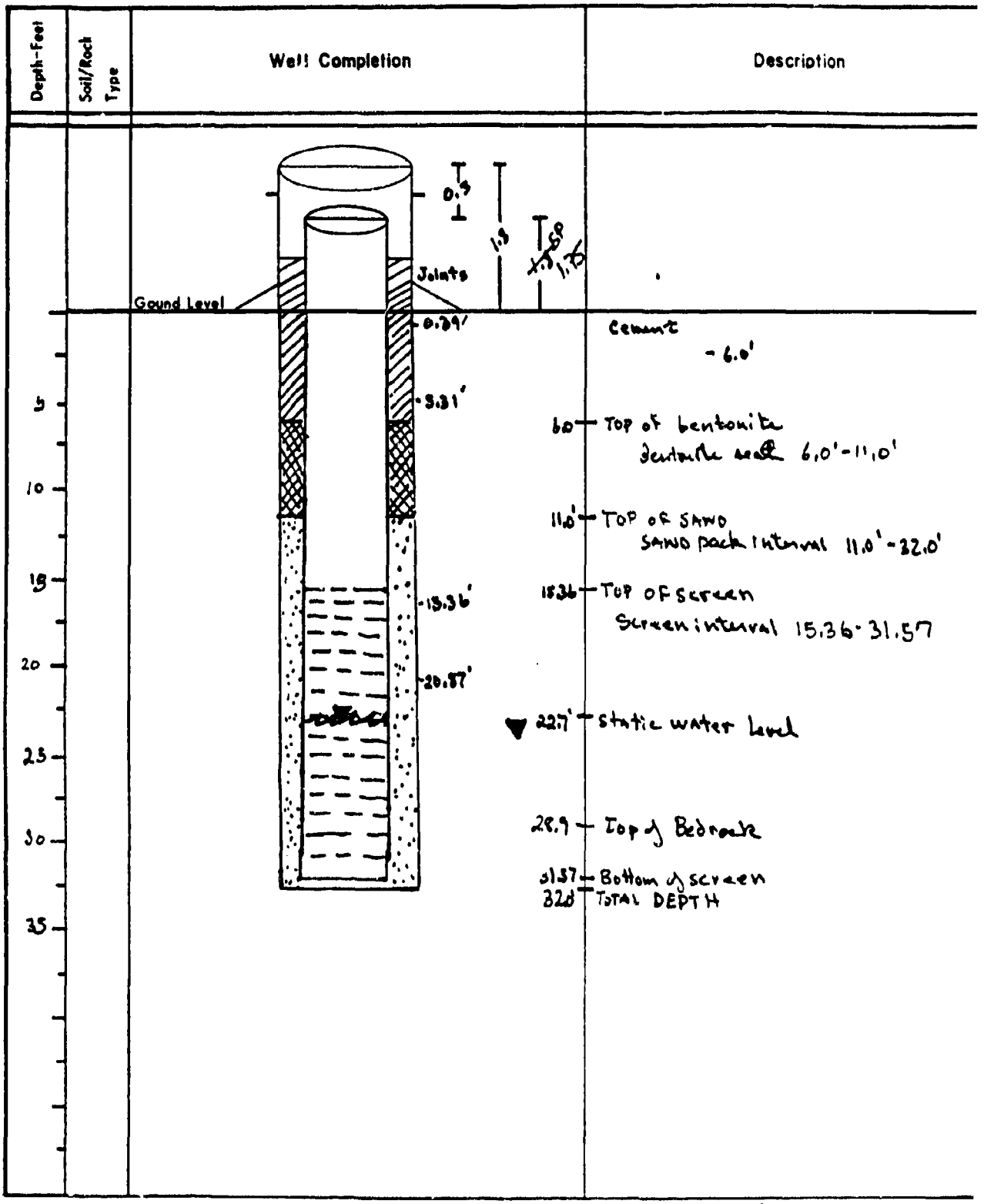
Reviewed By [signature] Date 3-5-88

Drill Site Geologist [signature] Date 3/16/88

C-334

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7932 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-75A Well: 23223



Drill Site Geologist: Steve Parks Date: 7/17/87

Reviewed By: [signature] Date: 3-9-88

C-3

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0636

WELL DEVELOPMENT DATA

Bore EP-75A Well 23223

Project 2nd QU-POST
Date(s) Developed 8/4/87
Personnel (Name/Company) DLW/ESE
JFP/USA
Rig Used ESE CME SERIES Tower
Pump (Type/Capacity) GRUNDFOS / 7 GPM
Bailer (Type/Capacity) N/A
Water Source RMA
Measured Well Depth TOC (Initial) 33.2 ft.
(Final) 32.93 ft.
Water Level TOC/Date/Time (Initial) 24.2 / 8-4-87 / 1100
(after 24 hrs.) 24.27 / 8-17-87 / 1320
Feet of Water in Well 9.0 ft. x 2.72 gallons/foot = 24.48 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 20 gallons
Casing/Anulus Volume 24.48 gallons

Project Number THSK #44
Date Installed 7/17/87
Well Diameter (I.D.) 4 in.
Anulus Diameter 8 1/4 in. 0 ft. to 32 ft.
in. ft. to ft.
Screen Interval 15.36 ft. to 31.57 ft.
ft. to ft.
Casing Height (Above G.L.) 1.8 ft.
Bottom of Screen (Below G.L.) 31.57 ft.

One Purge Volume 40.88 gallons
Minimum Purge Volume 204.4 gallons
Total Purge Volume 375 gallons
Volume Measured By 5 GALLON BUCKET / TAPE
Surge Technique BAILER & LOWER PUMP

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015867
pH 7.00 = 7.01 at 20.6 °C, pH 10.00 = 10.06 at 20.1 °C
Conductance Meter Used: CMS DIGITAL SN: 14293
Standard 1000 umhos/cm at 25°, Reading 1001 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	1128	22.4	7.35	3560	Medium brown, v. silty, some sand.
40	1200	14.6	6.79	7730	cloudy w/ brown silt & sand fine formation sand.
80	1243	15.3	6.74	7610	Partly cloudy w/ brown silt & some fine formation sand.
120	1328	15.6	6.72	7520	mostly clear, some brown silt.
160	1409	15.8	6.76	7520	cloudy w/ lt brown silt
Final 215	1506	16.2	6.76	7450	mostly clear - some greenish brown silt.

Remarks: Initial Flow @ wellhead = 0.8 gpm.
Flow rate = 0.93 gpm. / 0.68 gpm

1 Purge Vol = 20.88 casing/anulus vol.
+ 20.0 water added.
40.88 gallons

Collected by [signature] 8/4/87
Signature
Checked by [signature] 5 8 88
Signature

C-336

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-75A Well 23223
Project RMA ON-POST Project Number TASK #44
Date(s) Developed 8/11/87 Date Installed 7/17/87
Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.
PJS/ESE Anulus Diameter 12¼ in. 0 ft. to 32 ft.
Rig Used ESE WELL SERVICE TRUCK ____ in. ____ ft. to ____ ft.
Pump (Type/Capacity) GRUNDFOS/7GPM Screen Interval 15.36 ft. to 31.57 ft.
Bailer (Type/Capacity) N/A ____ ft. to ____ ft.
Water Source RMA Casing Height (Above G.L.) 1.8 ft.
Measured Well Depth TOC (Initial) 33.2 ft. Bottom of Screen (Below G.L.) 31.57 ft.
(Final) 32.93 ft.
Water Level TOC/Date/Time (Initial) 24.2/8-4-87/1100
(after 24 hrs.) 24.87/8-17-87/1320
Feet of Water in Well 9.0 ft. x 2.32 gallons/foot = 20.88 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons One Purge Volume 40.88 gallons
Purge Water Lost N/A gallons Minimum Purge Volume 204.4 gallons
Added Water 20 gallons Total Purge Volume 575 gallons
Casing/Anulus Volume 20.88 gallons Volume Measured By 5 GALLON BUCKET
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN Ø2.1 SN: 015383
pH 7.00 = 7.00 at 23.7 °C. pH 10.00 = 10.03 at 23.4 °C
Conductance Meter Used: CMS DIGITAL SN: 11341
Standard 1000 umhos/cm at 25°, Reading 1001 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 215	1004	16.5	6.85	7460	cloudy w/ brown silt & black/brown fm. sand.
255	1028	14.6	6.74	7720	mostly clear - some light brown silt
295	11:00	15.5	6.69	7690	Mostly Clear Some Silt
335	11:40	15.3	6.67	7750	mostly clear Some very fine brown fm. sand.
375	1213	16.0	6.67	7650	clear
Final					DW

Remarks: Initial flow 0 well head = 0.0 psi

1 Purge vol. = 20.88 casing/anulus vol.
+ 20.00 added water
40.88 gallons

Collected by [signature] 8/11/87
Signature Date
Checked by [signature] 8-18-87
Signature Date

C-337

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL CONSTRUCTION SUMMARY

Borehole EP-75D1 Well 23224

Project Name and Location RMA Section 23 Project Number Task 44

Drilling Company Boyles Bros Driller Dan Irvine Rig Number IR

Drilling Method(s) rotary

Borehole Diameter 12¼" in. ____ cm. 0 ft. ____ cm. to 32.0' ft. ____ cm.
7⅞" in. ____ cm. 32.0' ft. ____ cm. to 95.0' ft. ____ cm.

Size(s) and types of Bit(s) 12¼" blade
7⅞" bit

Size and Type PVC 4" Sched 40

Total Borehole Depth	95.0 ft. ____ cm.	Sampling Method(s)	N/A
Depth to Bedrock	29.0 ft. ____ cm.	Date/Time Start Drilling	7/27/87 0915
Depth to Water	— ft. ____ cm.	Date/Time Finish Drilling	8/6/87 1445
Water Level Determined By		Date/Time Start Completion	8/6/87 1445
Length Plain PVC (total)	80.11 ft. ____ cm.	Date/Time Cement Protective Casing	7/28/87 0850
Length of Screen	16.23 ft. ____ cm.	Materials Used	97' of 8⅝" OD. steel casing
Total Length of Well Casing	96.34 ft. ____ cm.	Plain PVC	8-10' sections, 1 cut off section
PVC Stick Up	1.54 ft. ____ cm.	Slotted PVC	1-5' section, 1-10' section
Depth to Bottom of Screen	94.80 ft. ____ cm.	Bentonite Pellets	1 3/3 buckets
Depth to Top of Screen	78.57 ft. ____ cm.	Bentonite Granular	90 lbs
Depth to Top of Sand	77.2 ft. ____ cm.	Cement	28 bags
Depth to Top of Bentonite	72.0 ft. ____ cm.	Sand	3 bags
		Water added during completion	0
		Water added during drilling	30 gal
		Total Gallons of water added	30 gal

Drill Site Geologist Steve Pass Date 8/10/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 8/10/87/0830/DLW, JAL → 8/19/87, 1100/DLW

Date/Time/Personnel Casing Painted 8/10/87/1538/DLW

Date/Time/Personnel Numbers Painted 8/20/87/0926/DLW, CMH

Materials Used 20 BAGS OF QUICKCRETE

Top of Protective Casing to Top of PVC	0.50' ft. ____ cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	1.50' ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.60' ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	2.07' ft. ____ cm.		
Top of Protective Casing to Ground Level	2.27' ft. ____ cm.		

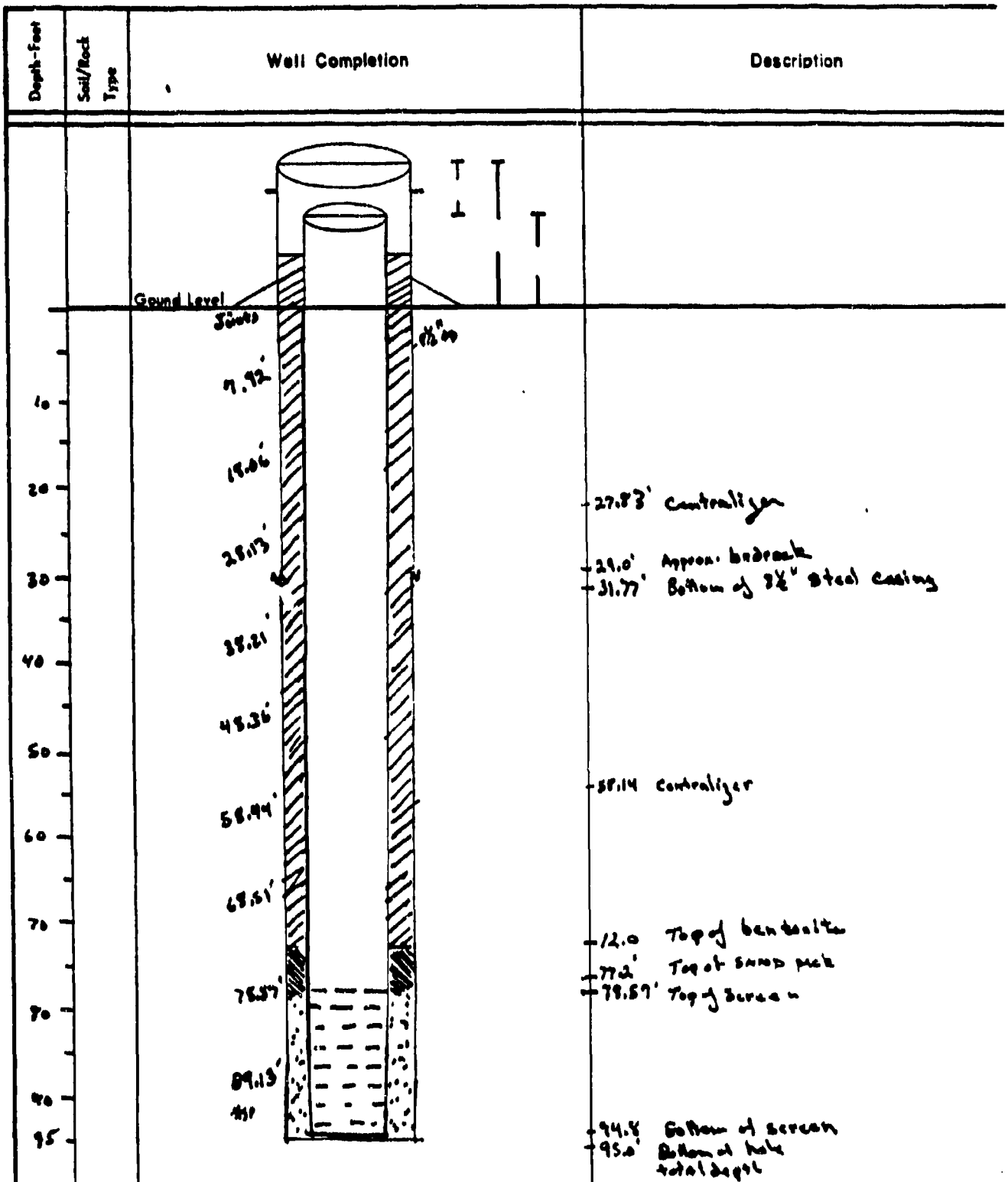
Reviewed By ____

Drill Site Geologist ____ Date ____

C-338

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

Borehole: EP-75D1 Well:



Drill Site Geologist: Stan Paur Date: 8/10/97

Reviewed By: Date:

C-339

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-75D1 Well 23224

Project RMA on-post
Date(s) Developed 8-21-87
Personnel (Name/Company) DLW/ESE
SMH/ESE
Rig Used ESE Service Truck
Pump (Type/Capacity) GRUNDFOS - 7 gal/min
Bailer (Type/Capacity) N/A
Water Source RMA
Measured Well Depth TOC (Initial) 95.86 ft.
(Final) 96.25 ft.

Project Number T-44 27937
Date Installed 8-6-87
Well Diameter (I.D.) 4 in.
Anulus Diameter 12 1/2 in. 0 ft. to 32 ft.
7 7/8 in. 32 ft. to 95 ft.
Screen Interval 78.67 ft. to 94.92 ft.
— ft. to — ft.
Casing Height (Above G.L.) 2.1 ft.
Bottom of Screen (Below G.L.) 94.80 ft.

Water Level TOC/Date/Time (Initial) 26.20 / 8-21-87 / 0802 / SMH
(after 24 hrs.) 28.54 / 08-01-87 / 1140

Feet of Water in Well 71.36 ft. x 0.653 gallons/foot = 46.60 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 50 gallons
Casing/Anulus Volume 46.60 gallons

One Purge Volume 92.24 gallons
Minimum Purge Volume 461.20 gallons
Total Purge Volume 700 gallons
Volume Measured By 50 gal. Barrel
Surge Technique RAISING & LOWERING PUMP

Calibration: pH Meter Used: Beckman 071 S/N: 018483
pH 7.00 = 7.01 at 23.0 °C, pH 10.00 = 10.03 at 23.0 °C
Conductance Meter Used: CMS Digitron S/N: 11341
Standard 1000 umhos/cm at 25°, Reading 998 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0.0	0840	15.1	10.52	212	very cloudy, gray silt, some sand, quiet
92.0	0955	17.4	9.85	731	cloudy, gray silt
184.0	1159	18.4	9.14	949	slightly cloudy
Final					DLW

Remarks: Initial HNU: 0.0 (TOC) Final rate = 1.37 gpm / 0.9 gpm

one purge vol: 46.60
sandpack vol: + 15.64
62.24 gal
added H2O: + 30.00 gal
92.24

Collected by [signature] 8/21/87
Signature
Checked by [signature] 3.8.88
Signature

sandpack vol: 95.86 - 72.20
18.24' x 0.862 = 15.64

C-340

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore EP-75D1 Well 23224

Project RMA ON-POST Project Number TASK 44 87737

Date(s) Developed 8/24/87 Date Installed 8-6-87

Personnel (Name/Company) DLW/ESE Well Diameter (I.D.) 4 in.

LWL/ESE Anulus Diameter 12¼ in. 0 ft. to 32 ft.

Rig Used ESE well service truck 7⅞ in. 32 ft. to 95 ft.

Pump (Type/Capacity) GRUNDFOS / 7 GPM Screen Interval 76.57 ft. to 94.8 ft.

Bailur (Type/Capacity) N/A ft. to ft.

Water Source RMA Casing Height (Above G.L.) 2.1 ft.

Measured Well Depth TOC (Initial) 95.56 ft. Bottom of Screen (Below G.L.) 94.80 ft.

(Final) 96.25 ft.

Water Level TOC/Date/Time (Initial) 24.30/8-24-87/0802

(after 24 hrs.) 28.54/8-25-87/1140

Feet of Water in Well 76.36 ft. x 0.652 gallons/foot = 46.60 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 92.24 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 461.20 gallons

Added Water 30 gallons Total Purge Volume 700 gallons

Casing/Anulus Volume 46.60 gallons Volume Measured By 55 GAL BARREL

Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN φ 21 SN: 015883

pH 7.00 = 7.02 at 17.6 °C, pH 10.00 = 10.09 at 17.6 °C

Conductance Meter Used: CAIS DIGITAL SN: 43611

Standard 1000 umhos/cm at 25°, Reading 1000 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 184	0928	14.1	9.70	933	very cloudy w/ blue-tan sand and gray silt
276	1040	14.3	9.54	967	cloudy w/ gray silt
368	1229	15.6	9.32	980	partly cloudy w/ some brown-gray silt.
460	1511	16.6	8.84	974	cloudy w/ gray/brown silt
Final					DRW

Remarks: Initial HNU @ TOC = 0.2 ppm. Water level = 24.59/8-24-87/0909

Flow rate = 1.5 gpm (started) / 1.27 gpm pH meter recalibrated after break: pH 7.00 = 7.0 @ 14°C/DLW / at 10.00 = 10.0 @ 12

ONE PURGE VOL: = 46.60 casing vol.
+ 15.64 Sand pack vol.
+ 30.00 added water
92.24 gallons

Collected by [signature] 8/24/87
Signature Date

Checked by [signature] 8/8-25-87
Signature

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7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0639

WELL DEVELOPMENT DATA

Bore EP-75D1 Well 23224

Project RMA GW-POST
Date(s) Developed 8/25/87
Personnel (Name/Company) DLW/ESE
JFD/MLA
Rig Used ESE WELL SERVICE TRUCK
Pump (Type/Capacity) GRUNDFOS / 7GPM
Bailer (Type/Capacity) N/A
Water Source RMA

Project Number TASK 44 87937
Date Installed 8-6-87
Well Diameter (I.D.) 4 in.
Anulus Diameter 12¼ in. 0 ft. to 32 ft.
7⅞ in. 32 ft. to 95 ft.
Screen Interval 78.57 ft. to 94.8 ft.
— ft. to — ft.
Casing Height (Above G.L.) 2.1 ft.
Bottom of Screen (Below G.L.) 94.80 ft.

Measured Well Depth TOC (Initial) 95.56 ft.
(Final) 96.25 ft.

Water Level TOC/Date/Time (Initial) 24.20 / 08-21-87/0802
(after 24 hrs.) 28.54 / 09-01-87/1140

Feet of Water in Well 71.86 ft. x 0.653 gallons/foot = 46.60 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons
Purge Water Lost N/A gallons
Added Water 30 gallons
Casing/Anulus Volume 46.60 gallons

One Purge Volume 92.24 gallons
Minimum Purge Volume 461.20 gallons
Total Purge Volume 700 gallons
Volume Measured By 55 GALLON DRUMS
Surge Technique RAISE/LOWER PUMP

Calibration: pH Meter Used: BECKMAN Φ 21 SN: 015883
pH 7.00 = 7.02 at 18.1 °C, pH 10.00 = 10.09 at 18.0 °C
Conductance Meter Used: CDS DIGITAL SN: 11341
Standard 1000 umhos/cm at 25°, Reading 999 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 460	0916	14.1	9.11	1004	cloudy w/ gray silt & some black/brown formation sand
552	1004	15.3	9.11	1004	cloudy w/ some gray-brown silt
644	1317	15.5	9.21	1003	cloudy w/ gray silt & very fine formation sand
700	1411	16.9	9.05	990	slightly cloudy w/ gray-brown silt
Final					DLW

Remarks: Initial HNU (TOC) = 0.2 ppm. Water level = 26.6/8-25-87/0912
Recalibration after lunch: pH 7.00 = 7.01 @ 17.9°C pH 10.00 = 10.05 @ 21.5°C.
Cond. reading = 999 umhos @ 25°C

Purge vol = 46.60 casing vol.
+ 15.64 sandpack vol.
30.00 added H2O
92.24 gallons

Collected by [signature] 08/25/87
Signature
Checked by [signature] 9/2/88
Signature

C-342

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole EP-75D2 Well 23225

Project Name and Location RMA Section 23 Project Number Task 44

Drilling Company Boyles Bros Driller Dan Irvine Rig Number IR

Drilling Method(s) rotary

Borehole Diameter 16½" in. ____ cm. 0 ft. ____ cm. to 32.0' ft. ____ cm.
11 7/8 in. ____ cm. 32.0' ft. ____ cm. to 97.0' ft. ____ cm.
7 7/8 97.0' 117.0

Size(s) and types of Bit(s) 16½" Blade
11 7/8 blade 7 7/8" tri cone

Size and Type PVC 4" sched 40

Total Borehole Depth	117.0 ft. ____ cm.	Sampling Method(s)	N/A
Depth to Bedrock	29.8 ft. ____ cm.	Date/Time Start Drilling	7/29/87 0747
Depth to Water	— ft. — cm.	Date/Time Finish Drilling	8/5/87 1105
Water Level Determined By	—	Date/Time Start Completion	8/5/87 1225
Length Plain PVC (total)	109.14 ft. ____ cm.	Date/Time Cement Protective Casing	
Length of Screen	10.86 ft. ____ cm.	Materials Used	22' of 12¼" steel casing, 98' of 11" steel casing
Total Length of Well Casing	120.0 ft. ____ cm.	Plain PVC	10 - 10' 1 cut off
PVC Stick Up	4.7 ft. ____ cm.	Slotted PVC	1 - 10'
Depth to Bottom of Screen	115.27 ft. ____ cm.	Bentonite Pellets	1 3/4 bucket
Depth to Top of Screen	104.42 ft. ____ cm.	Bentonite Granular	3/4 bags
Depth to Top of Sand	41.2 ft. ____ cm.	Cement	54 bags
Depth to Top of Bentonite	95.2 ft. ____ cm.	Sand	2 1/8 bags
		Water added during completion	0
		Water added during drilling	0
		Total Gallons of water added	0

Drill Site Geologist Steve Pawl Date 8/10/87

MORTAR & WEEP HOLE 8-11-87/1100/DLW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD 8-12-87/1017, DLW & SMH

Date/Time/Personnel Casing Painted 8-18-87/1538/DLW

Date/Time/Personnel Numbers Painted 8-20-87/0936/DLW & SMH

Materials Used 20 BAGS QUIKCRETE

Top of Protective Casing to Top of PVC	0.20 ft. ____ cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	1.60 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.70 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	2.15 ft. ____ cm.		
Top of Protective Casing to Ground Level	2.30 ft. ____ cm.		

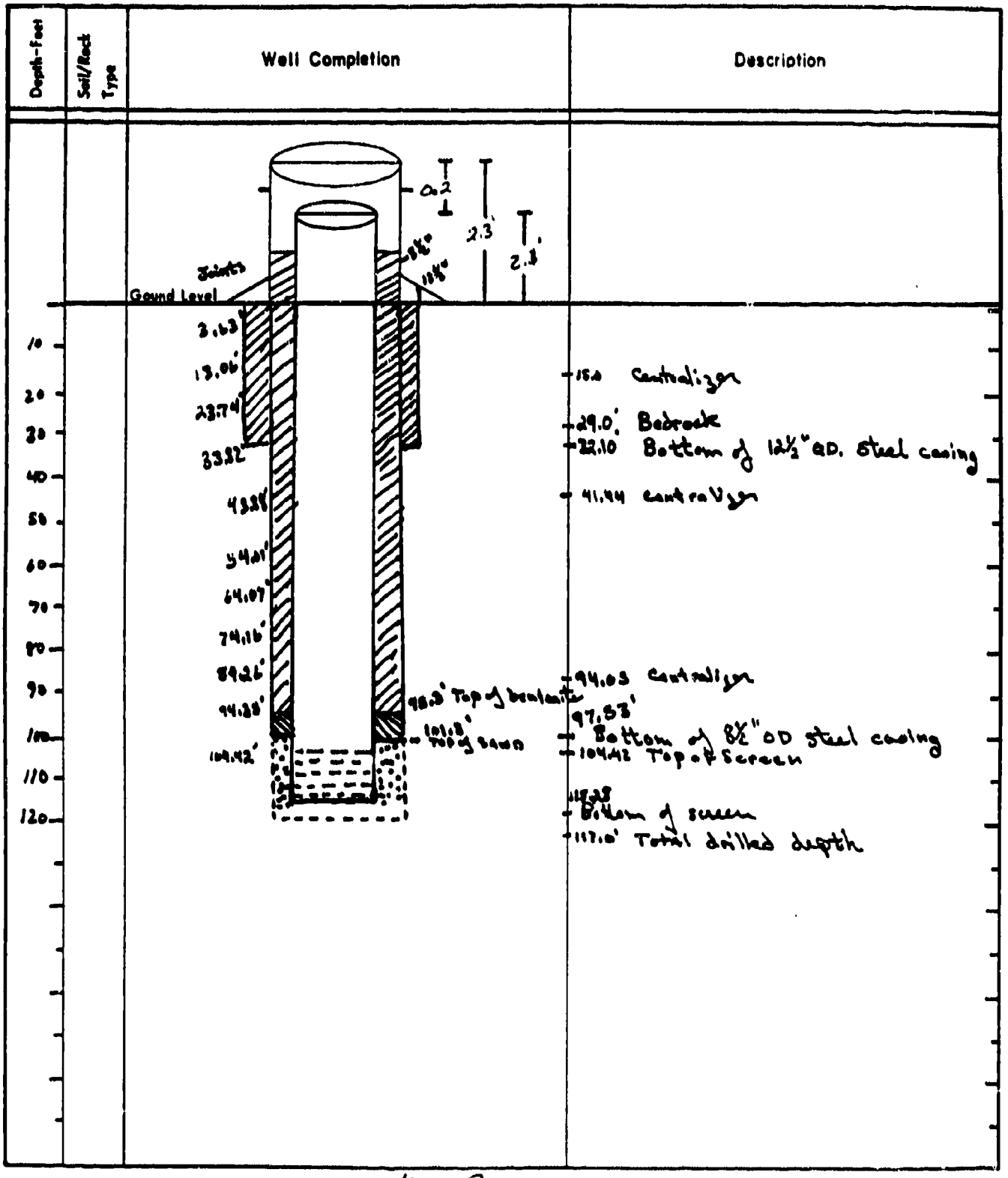
Reviewed By ____ Date ____

Drill Site Geologist Steve Pawl Date 2/16/88

C-343

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7322 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: EP-75 D2 Well: 23225



Drill Site Geologist: Steven Pearce Date: 8/4/87

Reviewed By: _____ Date: _____

C-344

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL DEVELOPMENT DATA

Bore F1-75 D2 Well 23225

Project RMA ON-POST
Project Number [illegible]
Date(s) Developed 9/1/87
Date Installed 8/5/87
Personnel (Name/Company) DLW / ESE
PJB / ESE
Well Diameter (I.D.) 4 in.
Anulus Diameter 16½ in. 0 ft. to 32 ft.
11¾ in. 32 ft. to 97 ft.
Rig Used ECE HOLE REAMER TRUCK
Screen Interval * 104.42 ft. to 115.28 ft.
Pump (Type/Capacity) GRUNDFOS / 7 GPM
ft. to ft.
Bailer (Type/Capacity) N/A
Water Source 2nd
Casing Height (Above G.L.) 2.35 ft.
Measured Well Depth TOC (Initial) 113.15 ft.
(Final) 116.91 ft.
Bottom of Screen (Below G.L.) 115.28 ft.
Water Level TOC/Date/Time (Initial) 25.22 / 9-1-87 / 733
(after 24 hrs.) 25.26 / 9-2-87 / 0851
Feet of Water in Well 87.93 ft. x .0652 gallons/foot = 57.42 gallons casing/anulus volume
Drilling Fluid Lost N/A gallons
One Purge Volume 69.77 gallons
Purge Water Lost N/A gallons
Minimum Purge Volume 346.65 gallons
Added Water 0 gallons
Total Purge Volume 350 gallons
Casing/Anulus Volume 57.42 gallons
Volume Measured By 55 gal. Drum
Surge Technique Bailer/Grundfos pump

Calibration: pH Meter Used: Beckman φ31 SN: 015883
pH 7.00 = 7.01 at 21.5 °C, pH 10.00 = 10.05 at ~~24.5~~ 21.1 °C
Conductance Meter Used: CAS Digital SN: 11341
Standard 1413 umhos/cm at 25°, Reading 1413 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 0	0754	14.6	12.31	3310	very cloudy w/ dissolved gray hydrocarbon/paint; black flakes
70	0905	17.3	11.95	1860	cloudy / black specs / gray
140	1135	19.3	11.48	1615	cloudy w/ lt. gray dissolved hydrocarbon/silt
210	1511	19.5	11.29	1519	cloudy w/ lt. gray silt.
Final					

Remarks: Initial HNU (TOC) = 0.0 ppm Flow Rate 0.5 GPM/0.4 gpm 0.33 gallons. 1 Purge vol. = 57.42 gal (casing vol.) + 11.91 gal (sand pack vol.)
* Final annular dia = 7⅞ 97.0' To 113.0'
HNU (TOC) 1st Vol 0.25
Sandpack = 115.28 Bott. of Screen - 101.30 Top of Sand = 13.98'

Collected by [signature] 9/1/87
Signature
Checked by [signature] 1/22.85
Signature

Sandpack vol. = 13.98 ft. x 0.852 gal/ft = 11.91 gallons. Recalibration after lunch pH 7.00 = 6.99 @ 26.9 pH 10.00 = 10.00 @

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL DEVELOPMENT DATA

Bore EP-75D2 Well 23225

Project RMA OU-906T Project Number TASK 44

Date(s) Developed 9/2/87 Date Installed 8/5/87

Personnel (Name/Company) DLW/ESE 4 in.

PJE/ESE

Rig Used ECO WELL SERVICE TRUCK Anulus Diameter 16½ in. 0 ft. to 32 ft.

Pump (Type/Capacity) GRUNDFOS / 70PM 11¾ in. 32 ft. to 97 ft.

Bailer (Type/Capacity) N/A Screen Interval 104.72 ft. to 115.28 ft.

Water Source RMA — ft. to — ft.

Casing Height (Above G.L.) 2.35 ft.

Measured Well Depth TOC (Initial) 118.15 ft. Bottom of Screen (Below G.L.) 115.28 ft.

(Final) 116.91 ft.

Water Level TOC/Date/Time (Initial) 25.22 / 9-1-87 / 733

(after 24 hrs.) 25.26 / 9-2-87 / 0831

Feet of Water in Well 87.93 ft. x 0.653 gallons/foot = 57.42 gallons casing/anulus volume

Drilling Fluid Lost N/A gallons One Purge Volume 69.33 gallons

Purge Water Lost N/A gallons Minimum Purge Volume 346.65 gallons

Added Water Ø gallons Total Purge Volume 350 gallons

Casing/Anulus Volume 57.42 gallons Volume Measured By 55 GALLON DRUM.

Surge Technique BAIL/SURGE PUMP

Calibration: pH Meter Used: BECKMAN Ø21 SN: 015002

pH 7.00 = 7.00 at 24.5 °C, pH 10.00 = 10.01 at 25.0 °C

Conductance Meter Used: CMS DIGITAL SN: 11241

Standard 1413 umhos/cm at 25°, Reading 1414 umhos/cm at 25 °C

Purge Volume	Time	Temp. °C	pH	Conductance at 25°C	Physical Characteristics (clarity, odor, sand content, color)
Initial 210	1146	15.3	11.14	1496	slightly cloudy w/ fine sand; black & white grains
280	1256	19.9	10.41	1348	V. slightly cloudy, some silt/bentonite
350	1509	20.3	10.10	1372	clear
Final					DLW

Remarks: Initial HNU(TOC) = 0.0 ppm ; Water level = 26.93

+ Final readings = 7 3/8 97.0' TO 102.0'

Sandpack vol. = 12.98 ft x 0.852 gal/ft = 11.91 gal.

1 Purge vol. = 57.42 (casing vol.)
+ 11.91 (Sandpack vol.)
69.33 gallons.

Collected by [signature] 9/2/87
Signature

Checked by [signature] 2-22-88
Signature

C-346

APPENDIX C.3: WATER CHEMISTRY DATA FOR TASK 44, 1ST, 2ND AND 4TH QUARTER, FY87

ONPOST WATER CHEMISTRY DATA

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 1ST QUARTER, FY87

WELL 23049
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 42.4
BEDROCK DEPTH: 45.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<34.000
112TCE	<20.000
11DCE	<11.000
11DCLE	<12.000
12DCLE	<12.200
ALDRN	<1.400
C6H6	15.400
CA	106000.000
CCL4	<48.000
CDTOT	<5.160
CH2CL2	25.600
CHCL3	6850.000
CL	5400000.000
CL6CP	<1.400
CLC6H5	<11.600
CPMS	293.000
CPMSO	<4.200
CPMSO2	461.000
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	1100.000
DIMP	416.000
DITH	87.700
DLDRN	<1.200
DMDS	<1.800
DMMP	27.300
ENDRN	<1.040
ETC6H5	3.690
FL	9540.000
HGTOT	<0.500
ISODR	<1.200
K	23600.000
MEC6H5	48.400
MG	146000.000
MIBK	15.400
MXYLEN	2.120
NA	3300000.000
NIT	.
OXAT	19 800
PBTOT	<18.600
PPDDE	<1.060
PPDDT	<1 400
SO4	1360000.000
T12DCE	<12.000
TCLEE	37.500
TRCLE	11.400
XYLEN	3.490
ZNTOT	27.300
ASTOT	39.200

WELL 23095
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 48.3
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<10.000
11DCE	<1.100
11DCLE	2.250
12DCLE	7.570
ALDRN	<1.400
C6H6	16.000
CA	451000.000
CCL4	<24.000
CDTOT	<5.160
CH2CL2	5.150
CHCL3	1760.000
CL	5740000.000
CL6CP	<1.400
CLC6H5	<0.580
CPMS	225.000
CPMSO	12.000
CPMSO2	454.000
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	747.000
DIMP	765.000
DITH	72.800
DLDRN	<1.200
DMDS	<1.800
DMMP	22.600
ENDRN	<1.040
ETC6H5	2.280
FL	9540.000
HGTOT	<0.500
ISODR	<1.200
K	37400.000
MEC6H5	5.700
MG	249000.000
MIBK	<12.900
MXYLEN	<1.350
NA	3860000.000
NIT	.
OXAT	12.200
PBTOT	<18.600
PPDDE	<1.060
PPDDT	<1.400
SO4	1400000.000
T12DCE	<12.000
TCLEE	30.500
TRCLE	11.300
XYLEN	<2.470
ZNTOT	78.600
ASTOT	28.600

WATER CHEMISTKY SUMMARY FOR BASIN F WELLS, 1ST QUARTER, FY87

WELL 23108
AQUIFER: ALLUVIUM
SCREENED INT.: 36.5- 40.5
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.350
C6H6	<1.340
CA	139000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	687000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.7 ?
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	2510.000
HGTOT	<0.500
ISODR	<0.300
K	5470.000
MEC6H5	<1.210
MG	58900.000
MIBK	<12.900
MXYLEN	<1.350
NA	639000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	424000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	7.270

WELL 23142
AQUIFER: ALLUVIUM
SCREENED INT.: 38.0- 59.4
BEDROCK DEPTH: 56.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.350
C6H6	<1.340
CA	129000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	551000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	5.410
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	1110.000
DITH	24.100
DLDRN	<0.300
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	2600.000
HGTOT	<0.500
ISODR	<0.300
K	4910.000
MEC6H5	<1.210
MG	39500.000
MIBK	<12.900
MXYLEN	<1.350
NA	469000.000
NIT	.
OXAT	4.490
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	281000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	105.000
ASTOT	<3.900

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 1ST QUARTER, FY87

WELL 26015
AQUIFER: ALLUVIUM
SCREENED INT.: 48.0- 52.0
BEDROCK DEPTH: 48.6
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	1.170
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.829
ALDRN	<0.350
C6H6	<1.340
CA	250000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1290000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	194.000
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	599.000
DITH	13.600
DLDRN	<0.300
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	3250.000
HGTOT	<0.500
ISODR	<0.300
K	8930.000
MEC6H5	<1.210
MG	83600.000
MIBK	<12.900
MXYLEN	<1.350
NA	739000.000
NIT	.
OXAT	3.750
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	536000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	27.200
ASTOT	13.100

WELL 26017
AQUIFER: ALLUVIUM
SCREENED INT.: 43.6- 47.6
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.350
C6H6	<1.340
CA	102000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	540000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	13.800
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	118.000
DITH	<1.100
DLDRN	<0.300
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	1990.000
HGTOT	<0.500
ISODR	<0.300
K	4910.000
MEC6H5	<1.210
MG	42300.000
MIBK	<12.900
MXYLEN	<1.350
NA	434000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	313000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	55.200
ASTOT	8.230

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 1ST QUARTER, FY87

WELL 26020
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 44.0
BEDROCK DEPTH: 43.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.350
C6H6	<1.340
CA	75700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	4.380
CL	629000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	805.000
DITH	3.120
DLDRN	<0.300
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	2080.000
HGTOT	<0.500
ISODR	<0.300
K	4030.000
MEC6H5	<1.210
MG	23100.000
MIBK	<12.900
MXYLEN	<1.350
NA	392000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	162000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	50.900
ASTOT	<3.900

WELL 26041
AQUIFER: DENVER
SCREENED INT.: 42.9- 46.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 SH

COMPOUND	CONCENTRATION
111TCE	<5.000
112TCE	<5.000
11DCE	<5.010
11DCLE	<5.000
12DCLE	24.500
ALDRN	<1.400
C6H6	25.400
CA	189000.000
CCL4	<4.990
CDTOT	<5.160
CH2CL2	5.890
CHCL3	<5.000
CL	27600000.000
CL6CP	<1.400
CLC6H5	<5.000
CPMS	<1.300
CPMSO	<4.200
CPMSO2	556.000
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	21.700
DIMP	2720.000
DITH	59.500
DLDRN	<1.200
DMDS	<1.800
DMMP	13100.000
ENDRN	<1.040
ETC6H5	<1.280
FL	221000.000
HGTOT	1.770
ISODR	<1.200
K	100000.000
MEC6H5	308.000
MG	598000.000
MIBK	<12.900
MXYLEN	<1.350
NA	8540000.000
NIT	.
OXAT	<20.000
PBTOT	39.100
PPDDE	<1.060
PPDDT	<1.400
SO4	8110000.000
T12DCE	<5.000
TCLEE	<5.010
TRCLE	5.810
XYLEN	8.270
ZNTOT	69.700
ASTOT	17.400

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 1ST QUARTER, FY87

WELL 26073
AQUIFER: ALLUVIUM
SCREENED INT.: 46.2- 50.2
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.350
C6H6	31.200
CA	198000.000
CCL4	4.440
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	12.200
CL	170000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.300
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	1590.000
HGTOT	<0.500
ISODR	<0.300
K	4780.000
MEC6H5	<1.210
MG	43900.000
MIBK	<12.900
MXYLEN	<1.350
NA	200000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	598000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	61.900
ASTOT	<3.900

WELL 26085
AQUIFER: ALLUVIUM
SCREENED INT.: 22.9- 32.1
BEDROCK DEPTH: 32.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.700
C6H6	<1.340
CA	457000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	23.500
CL	1730000.000
CL6CP	<0.700
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	21.600
DBCP	0.220
DCPD	<9.310
DIMP	97.000
DITH	<1.100
DLDRN	<0.600
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.520
ETC6H5	<1.280
FL	3000.000
HGTOT	<0.500
ISODR	<0.600
K	9000.000
MEC6H5	<1.210
MG	155000.000
MIBK	<12.900
MXYLEN	<1.350
NA	545000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	807000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	8.930
XYLEN	<2.470
ZNTOT	219.000
ASTOT	17.900

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 1ST QUARTER, FY87

WELL 26127
AQUIFER: ALLUVIUM
SCREENED INT.: 41.1- 44.5
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	325000.000
CCL4	<2.400
CDTOT	7.200
CH2CL2	<5.000
CHCL3	<1.400
CL	910000.000
CL6CP	<0.070
CLC6H5	2.310
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	20.700
CUTOT	10.900
DBCP	<0.130
DCPD	<9.310
DIMP	1620.000
DITH	37.700
DLDRN	0.303
DMDS	<1.800
DMMP	.
ENDRN	<0.052
ETC6H5	<1.280
FL	1360.000
HGTOT	1.090
ISODR	<0.060
K	4470.000
MEC6H5	<1.210
MG	75900.000
MIBK	<12.900
MXYLEN	<1.350
NA	225000.000
NIT	.
OXAT	4.350
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	414000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	75.000
ASTOT	7.750

WELL 27016
AQUIFER: ALLUVIUM
SCREENED INT.: 21.0- 25.0
BEDROCK DEPTH: 25.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.350
C6H6	<1.340
CA	55900.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	541000.000
CL6CP	<0.350
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	19.500
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	13.500
DITH	<1.100
DLDRN	0.586
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.260
ETC6H5	<1.280
FL	2980.000
HGTOT	<0.500
ISODR	<0.300
K	3970.000
MEC6H5	<1.210
MG	21300.000
MIBK	<12.900
MXYLEN	<1.350
NA	542000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.265
PPDDT	<0.350
SO4	392000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	78.700
ASTOT	<3.900

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 2ND QUARTER, FY87

WELL 23049
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 42.4
BEDROCK DEPTH: 45.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<170.000
112TCE	<1.000
11DCE	<1.100
11DCLE	2.670
12DCLE	<61.000
ALDRN	<0.415
ASTOT	39.600
BTZ	<1.140
C6H6	<134.000
CA	96300.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	39.100
CHCL3	10200.000
CL	5330000.000
CL6CP	<0.415
CLC6H5	<0.580
CLDAN	<0.760
CPMS	<1.080
CPMSO	<1.980
CPMSO2	493.000
CRTOT	27.500
CUTOT	<7.940
DBCP	<0.130
DCPD	1410.000
DIMP	424.000
DITH	74.300
DLDRN	0.844
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.300
ETC6H5	1.210
FL	9090.000
HGTOT	<0.359
ISODR	<0.280
K	29600.000
MEC6H5	<121.000
MG	152000.000
MIBK	15.400
MXYLEN	2.200
NA	2790000.000
NIT	195.000
OXAT	20.800
PBTOT	<18.600
PPDDE	<0.230
PPDDT	<0.295
SO4	1450000.000
T12DCE	<1.200
TCLEE	48.500
TRCLE	27.400
XYLEN	4.420
ZNTOT	162.000

WELL 23095
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 48.3
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<34.000
112TCE	<20.000
11DCE	<1.100
11DCLE	1.590
12DCLE	63.700
ALDRN	<0.415
ASTOT	15.700
BTZ	<1.140
C6H6	<1.340
CA	405000.000
CCL4	<48.000
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	1720.000
CL	6030000.000
CL6CP	<0.415
CLC6H5	<0.580
CLDAN	<0.760
CPMS	<1.080
CPMSO	<1.980
CPMSO2	524.000
CRTOT	40.400
CUTOT	15.000
DBCP	<0.130
DCPD	654.000
DIMP	770.000
DITH	74.200
DLDRN	2.750
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.300
ETC6H5	<1.280
FL	9680.000
HGTOT	<0.359
ISODR	<0.280
K	48400.000
MEC6H5	5.760
MG	226000.000
MIBK	<12.900
MXYLEN	<1.350
NA	3720000.000
NIT	<20.000
OXAT	14.000
PBTOT	<18.600
PPDDE	<0.230
PPDDT	<0.295
SO4	1420000.000
T12DCE	<1.200
TCLEE	25.200
TRCLE	16.000
XYLEN	<2.470
ZNTOT	<20.100

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 2ND QUARTER, FY87

WELL 23108
AQUIFER: ALLUVIUM
SCREENED INT.: 36.5- 40.5
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	7.870
BTZ	<1.140
C6H6	<1.340
CA	110000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	627000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	32.800
DITH	<3.340
DLDRN	0.201
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3440.000
HGTOT	<0.359
ISODR	<0.056
K	6520.000
MEC6H5	<1.210
MG	49700.000
MIBK	<12.900
MXYLEN	<1.350
NA	541000.000
NIT	72.700
OXAT	<1.350
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	7970000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	65.800

WELL 23142
AQUIFER: ALLUVIUM
SCREENED INT.: 38.0- 59.4
BEDROCK DEPTH: 56.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	5.420
BTZ	<1.140
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	605000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	11.200
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	1260.000
DITH	30.300
DLDRN	0.126
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2550.000
HGTOT	<0.359
ISODR	<0.056
K	5450.000
MEC6H5	<1.210
MG	34600.000
MIBK	<12.900
MXYLEN	<1.350
NA	415000.000
NIT	63.300
OXAT	5.500
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	268000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 2ND QUARTER, FY87

WELL 26015
AQUIFER: ALLUVIUM
SCREENED INT.: 48.0- 52.0
BEDROCK DEPTH: 48.6
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	9.590
BTZ	<1.140
C6H6	<1.340
CA	217000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	28.700
CL	1030000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	181.000
CRTOT	19.400
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	551.000
DITH	7.820
DLDRN	0.221
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2790.000
HGTOT	<0.359
ISODR	<0.056
K	10300.000
MEC6H5	5.280
MG	67000.000
MIBK	<12.900
MXYLEN	<1.350
NA	701000.000
NIT	200.000
OXAT	3.510
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	499000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	86.700

WELL 26017
AQUIFER: ALLUVIUM
SCREENED INT.: 43.6- 47.6
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	6.400
BTZ	1.780
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	506000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	20.800
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	162.000
DITH	5.240
DLDRN	0.205
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2210.000
HGTOT	<0.359
ISODR	<0.056
K	7280.000
MEC6H5	<1.210
MG	47600.000
MIBK	<12.900
MXYLEN	<1.350
NA	495000.000
NIT	2300.000
OXAT	6.010
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	318000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	43.000

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 2ND QUARTER, FY87

WELL 26020
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 44.0
BEDROCK DEPTH: 43.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	4.430
BTZ	<1.140
C6H6	<1.340
CA	97200.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	616000.000
CL6CP	<0.200
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	868.000
DITH	5.260
DLDRN	0.106
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2320.000
HGTOT	<0.359
ISODR	<0.056
K	5150.000
MEC6H5	<1.210
MG	26600.000
MIBK	<12.900
MXYLEN	<1.350
NA	463000.000
NIT	1910.000
OXAT	2.810
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	228000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	27.000

WELL 26041
AQUIFER: DENVER
SCREENED INT.: 42.9- 46.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 SH

COMPOUND	CONCENTRATION
111TCE	<34.000
112TCE	<20.000
11DCE	<22.000
11DCLE	<24.000
12DCLE	39.300
ALDRN	<0.083
ASTOT	192.000
BTZ	<1.140
C6H6	<26.800
CA	205000.000
CCL4	<48.000
CDTOT	<5.160
CH2CL2	<100.000
CHCL3	<28.000
CL	27200000.000
CL6CP	<0.200
CLC6H5	<11.600
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	692.000
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	14.600
DIMP	3260.000
DITH	53.600
DLDRN	0.470
DMDS	29.000
DMMP	> 315.000
ENDRN	<0.060
ETC6H5	<25.600
FL	189000.000
HGTOT	0.426
ISODR	<0 056
K	134000.000
MEC6H5	344.000
MG	872000.000
MIBK	<12.900
MXYLEN	<27 000
NA	19800000.000
NIT	21.500
OXAT	11.000
PBTOT	<18.600
PPDDE	<0.230
PPDDT	<0.059
SO4	7430000.000
T12DCE	<24.000
TCLEE	<26.000
TRCLE	<22.000
XYLEN	<49.400
ZNTOT	27.500

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 2ND QUARTER, FY87

WELL 6073
AQUIFER: ALLUVIUM
SCREENED INT.: 46.2- 50.2
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.166
ASTOT	<2.500
BTZ	<1.140
C6H6	<1.340
CA	214000.000
CCL4	6.290
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	14.300
CL	167000.000
CL6CP	<0.166
CLC6H5	<0.580
CLDAN	<0.304
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	12.200
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	23.800
DITH	<3.340
DLDRN	0.402
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.120
ETC6H5	<1.280
FL	1650.000
HGTOT	<0.359
ISODR	<0.112
K	5150.000
MEC6H5	<1.210
MG	50100.000
MIBK	<12.900
MXYLEN	<1.350
NA	207000.000
NIT	4890.000
OXAT	<1.350
PBTOT	<18.600
PPDDE	<0.092
PPDDT	<0.118
SO4	716000.000
T12DCE	<1.200
TCLEE	1.340
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	28.400

WELL 26085
AQUIFER: ALLUVIUM
SCREENED INT.: 22.9- 32.1
BEDROCK DEPTH: 32.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.166
ASTOT	19.900
BTZ	3.360
C6H6	<1.340
CA	538000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	18.000
CL	1720000.000
CL6CP	<0.166
CLC6H5	<0.580
CLDAN	<0.304
CPMS	<1.080
CPMSO	<1.980
CPMSO2	28.600
CRTOT	43.700
CUTOT	<7.940
DBCP	0.187
DCPD	<9.310
DIMP	123.000
DITH	<3.340
DLDRN	<0.110
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.120
ETC6H5	<1.280
FL	2790.000
HGTOT	<0.359
ISODR	<0.112
K	8200.000
MEC6H5	<1.210
MG	188000.000
MIBK	<12.900
MXYLEN	<1.350
NA	681000.000
NIT	1170.000
OXAT	<1.350
PBTOT	<18.600
PPDDE	<0.092
PPDDT	<0.118
SO4	963000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	8.750
XYLEN	<2.470
ZNTOT	35.100

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 2ND QUARTER, FY87

WELL 26127
AQUIFER: ALLUVIUM
SCREENED INT.: 41.1- 44.5
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	6.400
BTZ	1.320
C6H6	<1.340
CA	369000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	843000.000
CL6CP	<0.083
CLC6H5	2.990
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	21.200
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	1420.000
DITH	41.700
DLDRN	0.090
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1480.000
HGTOT	<0.359
ISODR	<0.056
K	4840.000
MEC6H5	<1.210
MG	75600.000
MIBK	<12.900
MXYLEN	<1.350
NA	292000.000
NIT	1890.000
OXAT	5.450
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	399000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 27016
AQUIFER: ALLUVIUM
SCREENED INT.: 21.0- 25.0
BEDROCK DEPTH: 25.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	8.610
BTZ	<1.140
C6H6	<1.340
CA	<50000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	542000.000
CL6CP	<0.200
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	39.300
DITH	<3.340
DLDRN	0.447
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3020.000
HGTOT	<0.359
ISODR	<0.056
K	2410.000
MEC6H5	<1.210
MG	16900.000
MIBK	<12.900
MXYLEN	<1.350
NA	551000.000
NIT	525.000
OXAT	<1.250
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	364000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 4TH QUARTER, FY87

WELL 23049
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 42.4
BEDROCK DEPTH: 45.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<34.000
112TCE	<20.000
11DCE	<22.000
11DCLE	<24.000
12DCLE	<61.000
ALDRN	<7.000
ASTOT	11.300
BTZ	<2.000
C6H6	<26.800
CA	188000.000
CCL4	<48.000
CDTOT	<5.160
CH2CL2	<100.000
CHCL3	10200.000
CL	3050000.000
CL6CP	<7.000
CLC6H5	<11.600
CLDAN	
CPMS	<13.000
CPMSO	<4.200
CPMSO2	506.000
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	1420.000
DIMP	504.000
DITH	85.800
DLDRN	<6.000
DMDS	<1.800
DMMP	<152.000
ENDRN	<5.200
ETC6H5	<25.600
FL	<12200.000
HGTOT	<0.480
ISODR	<6.000
K	29400.000
MEC6H5	37.600
MG	281000.000
MIBK	15.600
MXYLEN	<27.000
NA	4080000.000
NIT	117.000
OXAT	20.500
PBTOT	<18.600
PPDDE	<5.300
PPDDT	<7.000
SO4	1450000.000
T12DCE	<24.000
TCLEE	33.100
TRCLE	22.300
XYLEN	<49.400
ZNTOT	<20.100

WELL 23095
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 48.3
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<20.000
11DCE	<11.000
11DCLE	<12.000
12DCLE	<6.100
ALDRN	<1.400
ASTOT	12.800
BTZ	<2.000
C6H6	<13.400
CA	524000.000
CCL4	<24.000
CDTOT	<5.160
CH2CL2	<50.000
CHCL3	606.000
CL	3530000.000
CL6CP	<1.400
CLC6H5	<5.800
CLDAN	
CPMS	<1.300
CPMSO	<4.200
CPMSO2	563.000
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	840.000
DIMP	643.000
DITH	90.000
DLDRN	<1.200
DMDS	<1.800
DMMP	<152.000
ENDRN	<1.040
ETC6H5	<12.800
FL	<12200.000
HGTOT	<0.480
ISODR	<1.200
K	8110.000
MEC6H5	<12.100
MG	308000.000
MIBK	<12.900
MXYLEN	<13.500
NA	5090000.000
NIT	1040.000
OXAT	16.700
PBTOT	<18.600
PPDDE	<1.060
PPDDT	<1.400
SO4	1570000.000
T12DCE	<12.000
TCLEE	24.000
TRCLE	19.100
XYLEN	<24.700
ZNTOT	126.000

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 4TH QUARTER, FY87

WELL 23108
AQUIFER: ALLUVIUM
SCREENED INT.: 36.5- 40.5
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	7.400
BTZ	2.770
C6H6	<1.340
CA	162000.000
CCL4	<2.400
CDTOT	12.700
CH2CL2	<5.000
CHCL3	<1.400
CL	723000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	6.770
CRTOT	9.160
CUTOT	15.300
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2780.000
HGTOT	<0.480
ISODR	<0.060
K	6670.000
MEC6H5	<1.210
MG	71300.000
MIBK	<12.900
MXYLEN	<1.350
NA	704000.000
NIT	.
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	380000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	68.500

WELL 23142
AQUIFER: ALLUVIUM
SCREENED INT.: 38.0- 59.4
BEDROCK DEPTH: 56.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	3.900
BTZ	<2.000
C6H6	<1.340
CA	118000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	694000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	13.100
CRTOT	.
CUTOT	27.000
DBCP	<0.130
DCPD	<9.310
DIMP	1260.000
DITH	> 22.200
DLDRN	0.080
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	2720.000
HGTOT	<0.480
ISODR	<0.060
K	4840.000
MEC6H5	<1.210
MG	37600.000
MIBK	<12.900
MXYLEN	<1.350
NA	447000.000
NIT	101.000
OXAT	5.270
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	276000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 4TH QUARTER, FY87

WELL 26015
AQUIFER: ALLUVIUM
SCREENED INT.: 48.0- 52.0
BEDROCK DEPTH: 48.6
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	8.200
BTZ	<2.000
C6H6	<1.340
CA	198000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	1000000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	30.200
CRTOT	.
CUTOT	10.800
DBCP	<0.130
DCPD	<9.310
DIMP	470.000
DITH	4.010
DLDRN	<0.060
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	3040.000
HGTOT	<0.480
ISODR	<0.060
K	8160.000
MEC6H5	<1.210
MG	59900.000
MIBK	<12.900
MXYLEN	<1.350
NA	698000.000
NIT	188.000
OXAT	3.240
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	449000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	43.800

WELL 26017
AQUIFER: ALLUVIUM
SCREENED INT.: 43.6- 47.6
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	4.700
BTZ	<2.000
C6H6	<1.340
CA	110000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	560000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	19.000
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	201.000
DITH	10.300
DLDRN	0.308
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	2470.000
HGTOT	<0.480
ISODR	<0.060
K	4840.000
MEC6H5	<1.210
MG	45400.000
MIBK	<12.900
MXYLEN	<1.350
NA	497000.000
NIT	2340.000
OXAT	5.610
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	285000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 4TH QUARTER, FY87

WELL 26020
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 44.0
BEDROCK DEPTH: 43.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	.
BTZ	<2.000
C6H6	<1.340
CA	.
CCL4	<2.400
CDTOT	.
CH2CL2	<5.000
CHCL3	<1.400
CL	600000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	.
DBCP	<0.130
DCPD	<9.310
DIMP	711.000
DITH	3.320
DLDRN	0.075
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	2360.000
HGTOT	.
ISODR	<0.060
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	.
OXAT	<2.000
PBTOT	.
PPDDE	<0.053
PPDDT	<0.070
SO4	206000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	.

WELL 26041
AQUIFER: DENVER
SCREENED INT.: 42.9- 46.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 SH

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<20.000
11DCE	<11.000
11DCLE	<12.000
12DCLE	94.900
ALDRN	<3.500
ASTOT	19.900
BTZ	<2.000
C6H6	<13.400
CA	239000.000
CCL4	<24.000
CDTOT	35.300
CH2CL2	<50.000
CHCL3	<14.000
CL	26300000.000
CL6CP	<3.500
CLC6H5	<5.800
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	538.000
CRTOT	.
CUTOT	27.000
DBCP	<0.130
DCPD	<9.310
DIMP	3920.000
DITH	46.600
DLDRN	<3.000
DMDS	<1.800
DMMP	13600.000
ENDRN	<2.600
ETC6H5	<12.800
FL	194000.000
HGTOT	2.030
ISODR	<3.000
K	126000.000
MEC6H5	136.000
MG	774000.000
MIBK	<12.900
MXYLEN	<13.500
NA	8380000.000
NIT	.
OXAT	9.480
PBTOT	44.200
PPDDE	<2.650
PPDDT	<3.500
SO4	7690000.000
T12DCE	<12.000
TCLEE	<13.000
TRCLE	<22.000
XYLEN	<24.700
ZNTOT	148.000

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 4TH QUARTER, FY87

WELL 26073
AQUIFER: ALLUVIUM
SCREENED INT.: 46.2- 50.2
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	229000.000
CCL4	3.810
CDTOT	7.510
CH2CL2	<5.000
CHCL3	11.500
CL	176000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	21.500
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1800.000
HGTOT	<0.480
ISODR	<0.060
K	3020.000
MEC6H5	<1.210
MG	55200.000
MIBK	<12.900
MXYLEN	<1.350
NA	234000.000
NIT	5540.000
OXAT	<2.000
PBTOT	21.900
PPDDE	<0.053
PPDDT	<0.070
SO4	742000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	44.700

WELL 26085
AQUIFER: ALLUVIUM
SCREENED INT.: 22.9- 32.1
BEDROCK DEPTH: 32.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<1.400
ASTOT	37.400
BTZ	2.650
C6H6	<1.340
CA	695000.000
CCL4	<2.400
CDTOT	15.100
CH2CL2	<5.000
CHCL3	12.600
CL	1720000.000
CL6CP	<1.400
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	13.100
DBCP	0.180
DCPD	<9.310
DIMP	76.400
DITH	<1.100
DLDRN	<1.200
DMDS	<1.800
DMMP	<15.200
ENDRN	<1.040
ETC6H5	<1.280
FL	3340.000
HGTOT	<0.480
ISODR	<1.200
K	6170.000
MEC6H5	<1.210
MG	216000.000
MIBK	<12.900
MXYLEN	<1.350
NA	924000.000
NIT	1670.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<1.060
PPDDT	<1.400
SO4	941000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	7.400
XYLEN	<2.470
ZNTOT	101.000

WATER CHEMISTRY SUMMARY FOR BASIN F WELLS, 4TH QUARTER, FY87

WELL 26127
AQUIFER: ALLUVIUM
SCREENED INT.: 41.1- 44.5
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	10.600
BTZ	2.370
C6H6	<1.340
CA	342000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	924000.000
CL6CP	<0.070
CLC6H5	1.570
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	13.100
DBCP	<0.130
DCPD	<9.310
DIMP	1690.000
DITH	22.200
DLDRN	0.089
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	1610.000
HGTOT	<0.480
ISODR	<0.060
K	2520.000
MEC6H5	<1.210
MG	74000.000
MIBK	<12.900
MXYLEN	<1.350
NA	307000.000
NIT	2180.000
OXAT	7.680
PBTOT	<18.6 J
PPDDE	<0.053
PPDDT	<0.070
SO4	412000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470

OFFPOST WATER CHEMISTRY DATA

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37305
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 27.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	1.080
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.744
ALDRN	0.140
C6H6	<1.340
CA	431000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	534000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	1220.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1950.000
HGTOT	<0.500
ISODR	<0.060
K	1960.000
MEC6H5	<1.210
MG	4800.000
MIBK	<12.900
MXYLE	<1.350
NA	471000.000
NIT	349.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	789000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	29.300
ASTOT	10.800

WELL 37308
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 20.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.000
ALDRN	0.083
C6H6	<1.340
CA	198000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	263000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	50.600
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	0.207
DCPD	58.000
DIMP	153.000
DITH	<1.100
DLDRN	0.672
DMDS	<1.800
DMMP	<15.200
ENDRN	0.658
ETC6H5	<1.280
FL	1610.000
HGTOT	<0.500
ISODR	<0.060
K	3350.000
MEC6H5	<1.210
MG	93800.000
MIBK	<12.900
MXYLEN	<1.350
NA	400000.000
NIT	2640.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	0.066
PPDDT	<0.066
SO4	2180000.000
T12DCE	<1.200
TCLEE	14.000
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	27.100
ASTOT	6.330

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37309
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 23.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	6.190
ALDRN	0.108
C6H6	<1.340
CA	229000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	600000.000
CL6CP	0.090
CLC6H5	<0.580
CPMS	<1.300
CPMSO	20.200
CPMSO2	24.200
CRTOT	<5.960
CUTOT	<7.930
DBCP	0.173
DCPD	618.000
DIMP	802.000
DITH	6.900
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	0.421
ETC6H5	<1.280
FL	2770.000
HGTOT	.
ISODR	<0.060
K	2140.000
MEC6H5	<1.210
MG	77500.000
MIBK	<12.900
MXYLEN	<1.350
NA	707000.000
NIT	740.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	633000.000
T12DCE	<1.200
TCLEE	59.700
TRCLE	3.300
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	7.230

WELL 37312
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 13.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	187000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	262000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	22.200
DITH	<1.100
DLDRN	0.289
DMDS	<1.800
DMMP	<15.200
ENDRN	0.276
ETC6H5	<1.280
FL	1920.000
HGTOT	<0.500
ISODR	<0.060
K	2590.000
MEC6H5	<1.210
MG	91800.000
MIBK	<12.900
MXYLEN	<1.350
NA	312000.000
NIT	574.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	555000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	28.600
ASTOT	4.970

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37313
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 28.8
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	0.299
C6H6	<1.340
CA	610000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1520000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	4480.000
DITH	9.210
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	0.072
ETC6H5	<1.280
FL	2870.000
HGTOT	<0.500
ISODR	<0.060
K	6820.000
MEC6H5	<1.210
MG	191000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1040000.000
NIT	<10.000
OXAT	4.140
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	1490000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	36.600
ASTOT	13.600

WELL 37320
AQUIFER: ALLUVIUM
SCREENED INT.: 22.7- 32.7
BEDROCK DEPTH: 35.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	2.390
CA	170000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	134000.000
CL6CP	<0.070
CLC6H5	11.400
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	17.100
DITH	<1.100
DLDRN	0.071
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2320.000
MEC6H5	<1.210
MG	54700.000
MIBK	<12.900
MXYLEN	<1.350
NA	253000.000
NIT	416.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	432000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	21.800
ASTOT	<3.900

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WELL 37332
AQUIFER: ALLUVIUM
SCREENED INT.: 46.9- 51.4
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	390000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	3.340
CL	729000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.447
DMDS	<1.800
DMMP	<15.200
ENDRN	0.130
ETC6H5	<1.280
FL	2130.000
HGTOT	<0.500
ISODR	<0.060
K	3310.000
MEC6H5	<1.210
MG	122000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1340000.000
NIT	3940.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	403000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	77.700
ASTOT	9.040

WELL 37333
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 47.7
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	13.000
CL	374000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.168
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<1.000
ISODR	<0.060
K	4070.000
MEC6H5	<1.210
MG	8140.000
MIBK	<12.900
MXYLEN	<1.350
NA	352000.000
NIT	2080.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	171000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	36.800
ASTOT	6.780

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37335
AQUIFER: ALLUVIUM
SCREENED INT.: 38.2- 57.6
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	82500.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	96600.000
CL6CP	<0.070
CLC6H5	9.870
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.068
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2270.000
MEC6H5	<1.210
MG	11800.000
MIBK	<12.900
MXYLEN	<1.350
NA	102000.000
NIT	472.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	55200.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37338
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 29.2
BEDROCK DEPTH: 23.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	159000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	4.860
CL	255000.000
CL6CP	<0.070
CLC6H5	7.350
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	17.400
DITH	<1.100
DLDRN	0.090
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1470.000
HGTOT	<0.500
ISODR	<0.060
K	8420.000
MEC6H5	<1.210
MG	50600.000
MIBK	<12.900
MXYLEN	<1.350
NA	220000.000
NIT	1440.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	521000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37339
AQUIFER: ALLUVIUM
SCREENED INT.: 11.7- 22.3
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	796000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	2140000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	498.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	3940.000
HGTOT	.
ISODR	<0.060
K	2460.000
MEC6H5	<1.210
MG	194000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1300000.000
NIT	9480.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	2100000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	91.700
ASTOT	5.330

WELL 37341
AQUIFER: ALLUVIUM
SCREENED INT.: 20.3- 50.7
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	70300.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	62200.000
CL6CP	<0.070
CLC6H5	6.240
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	15.800
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	4440.000
MEC6H5	<1.210
MG	16600.000
MIBK	<12.900
MXYLEN	<1.350
NA	66400.000
NIT	2770.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	102000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37342
AQUIFER: ALLUVIUM
SCREENED INT.: 12.9- 29.0
BEDROCK DEPTH: 27.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	1.090
11DCE	<1.100
11DCLE	<1.200
12DCLE	1.360
ALDRN	<0.070
C6H6	<1.340
CA	252000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	451000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	47.300
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	6040.000
MEC6H5	<1.210
MG	54600.000
MIBK	<12.900
MXYLEN	<1.350
NA	412000.000
NIT	7010.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	678000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37343
AQUIFER: ALLUVIUM
SCREENED INT.: 3.7- 35.1
BEDROCK DEPTH: 35.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.970
ALDRN	<0.070
C6H6	<1.340
CA	174000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	407000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	899.000
DITH	3.570
DLDRN	0.213
DMDS	<1.800
DMMP	<15.200
ENDRN	0.090
ETC6H5	<1.280
FL	1540.000
HGTOT	<0.500
ISODR	<0.060
K	5140.000
MEC6H5	<1.210
MG	67600.000
MIBK	<12.900
MXYLEN	<1.350
NA	268000.000
NIT	86.600
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	462000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	66.600
ASTOT	4.950

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37344
AQUIFER: ALLUVIUM
SCREENED INT.: 15.5- 40.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<6.100
ALDRN	<0.070
C6H6	<1.340
CA	167000.000
CCL4	7.870
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	1010.000
CL	382000.000
CL6CP	<0.070
CLC6H5	2.060
CPMS	3.230
CPMSO	91.800
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	12.000
DCPD	<9.310
DIMP	1080.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3450.000
MEC6H5	<1.210
MG	45900.000
MIBK	<12.900
MXYLEN	<1.350
NA	14600.000
NIT	2830.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	520000.000
T12DCE	<12.000
TCLEE	102.000
TRCLE	7.160
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37345
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 37.1
BEDROCK DEPTH: 37.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	74500.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2410.000
MEC6H5	<1.210
MG	19300.000
MIBK	<12.900
MXYLEN	<1.350
NA	95200.000
NIT	242.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	222000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

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WELL 37346
AQUIFER: ALLUVIUM
SCREENED INT.: 8.6- 24.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	81000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	64800.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	15.200
ENDRN	0.052
ETC6H5	<1.280
FL	290.000
HG	<0.500
I	<0.060
K	3800.000
MEC6H5	<1.210
MG	14800.000
MIBK	<12.900
MXYLEN	<1.350
NA	82100.000
NIT	114.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	164000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37347
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 33.8
BEDROCK DEPTH: 33.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	69700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	62000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	19.100
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3450.000
MEC6H5	<1.210
MG	16400.000
MIBK	<12.900
MXYLEN	<1.350
NA	70800.000
NIT	1280.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	129000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37348
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 42.0
BEDROCK DEPTH: 41.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	94900.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	91900.000
CL6CP	<0.070
CLC6H5	1.230
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1450.000
HGTOT	<0.500
ISODR	<0.060
K	1940.000
MEC6H5	<1.210
MG	22900.000
MIBK	<12.900
MXYLEN	<1.350
NA	96800.000
NIT	2580.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	213000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37349
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.6
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	83800.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	71300.000
CL6CP	<0.070
CLC6H5	1.420
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	37.700
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1400.000
HGTOT	<0.500
ISODR	<0.060
K	1680.000
MEC6H5	<1.210
MG	22700.000
MIBK	<12.900
MXYLEN	<1.350
NA	92600.000
NIT	4710.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	148000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

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WELL 37350
AQUIFER: ALLUVIUM
SCREENED INT.: 26.9- 52.3
BEDROCK DEPTH: 52.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	101000.000
CL6CP	<0.070
CLC6H5	1.130
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3670.000
MEC6H5	<1.210
MG	30700.000
MIBK	<12.900
MXYLEN	<1.350
NA	92000.000
NIT	8730.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	195000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37351
AQUIFER: ALLUVIUM
SCREENED INT.: 17.9- 38.5
BEDROCK DEPTH: 36.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	96700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	124000.000
CL6CP	<0.070
CLC6H5	2.880
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	12.100
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1580.000
HGTOT	<0.500
ISODR	<0.060
K	1590.000
MEC6H5	<1.210
MG	27400.000
MIBK	<12.900
MXYLEN	<1.350
NA	125000.000
NIT	8910.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	189000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

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WELL 37352
AQUIFER: ALLUVIUM
SCREENED INT.: 29.8- 38.3
BEDROCK DEPTH: 37.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	91200.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	100000.000
CL6CP	<0.070
CLC6H5	8.810
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	1290.000
MEC6H5	<1.210
MG	22200.000
MIBK	<12.900
MXYLEN	<1.350
NA	93200.000
NIT	2710.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	180000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37353
AQUIFER: ALLUVIUM
SCREENED INT.: 27.1- 42.4
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	1.470
CA	203000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	305000.000
CL6CP	<0.070
CLC6H5	9.050
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	619.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2580.000
MEC6H5	<1.210
MG	53400.000
MIBK	<12.900
MXYLEN	<1.350
NA	171000.000
NIT	7790.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	322000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37354
AQUIFER: ALLUVIUM
SCREENED INT.: 13.8- 49.1
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	112000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	11.800
CL	147000.000
CL6CP	<0.070
CLC6H5	4.260
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	13.900
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
[illegible]	<0.060
	<720.000
	<1.210
MG	29300.000
MIBK	<12.900
MXYLEN	<1.350
NA	108000.000
NIT	9540.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	189000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37355
AQUIFER: ALLUVIUM
SCREENED INT.: 11.1- 71.7
BEDROCK DEPTH: 70.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	16.300
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	132000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	2.870
CL	171000.000
CL6CP	<0.070
CLC6H5	1.430
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	11.900
DITH	<1.100
DLDRN	0.104
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1450.000
HGTOT	<0.500
ISODR	<0.060
K	2280.000
MEC6H5	<1.210
MG	32500.000
MIBK	<12.900
MXYLEN	<1.350
NA	133000.000
NIT	7950.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	218000.000
T12DCE	<1.200
TCLEE	1.930
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

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WELL 37356
AQUIFER: ALLUVIUM
SCREENED INT.: 8.3- 38.4
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	130000.000
CL6CP	<0.070
CLC6H5	1.480
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	104.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	4010.000
MEC6H5	<1.210
MG	28500.000
MIBK	<12.900
MXYLEN	<1.350
NA	126000.000
NIT	9330.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	200000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37357
AQUIFER: ALLUVIUM
SCREENED INT.: 4.5- 19.7
BEDROCK DEPTH: 19.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	97700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	8.450
CL	130000.000
CL6CP	<0.070
CLC6H5	1.700
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	22.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	7170.000
MEC6H5	<1.210
MG	25400.000
MIBK	<12.900
MXYLEN	<1.350
NA	99200.000
NIT	11600.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	200000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 7358
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 59.9
BEDROCK DEPTH: 59.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	126000.000
CCL4	<2.400
CDTOT	6.530
CH2CL2	<5.000
CHCL3	<1.400
CL	75200.000
CL6CP	<0.070
CLC6H5	2.790
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3020.000
MEC6H5	<1.210
MG	13400.000
MIBK	<12.900
MXYLEN	<1.350
NA	60600.000
NIT	6120.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	138000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37359
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.7
BEDROCK DEPTH: 42.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	5.510
112TCE	1.140
11DCE	<1.100
11DCLE	2.000
12DCLE	1.160
ALDRN	<0.070
C6H6	<1.340
CA	194000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	9.240
CL	142000.000
CL6CP	<0.070
CLC6H5	3.770
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	18.800
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	4030.000
MEC6H5	<1.210
MG	25900.000
MIBK	<12.900
MXYLEN	<1.350
NA	135000.000
NIT	8340.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	330000.000
T12DCE	<1.200
TCLEE	6.670
TRCLE	4.260
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37360
AQUIFER: ALLUVIUM
SCREENED INT.: 26.4-101.9
BEDROCK DEPTH: 101.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	58400.000
CL6CP	<0.070
CLC6H5	1.980
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2710.000
MEC6H5	<1.210
MG	11200.000
MIBK	<12.900
MXYLEN	<1.350
NA	60500.000
NIT	8540.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	129000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37361
AQUIFER: ALLUVIUM
SCREENED INT.: 21.7- 92.3
BEDROCK DEPTH: 92.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	93000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	107000.000
CL6CP	<0.070
CLC6H5	2.180
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	12.600
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2650.000
MEC6H5	<1.210
MG	12600.000
MIBK	<12.900
MXYLEN	<1.350
NA	65900.000
NIT	5310.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	136000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

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WELL 37362
AQUIFER: ALLUVIUM
SCREENED INT.: 34.5- 45.2
BEDROCK DEPTH: 42.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	5000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	240000.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1670.000
HGTOT	<0.500
ISODR	<0.060
K	2710.000
MEC6H5	<1.210
MG	44600.000
MIBK	<12.900
MXYLEN	<1.350
NA	253000.000
NIT	1770.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	453000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

WELL 37363
AQUIFER: ALLUVIUM
SCREENED INT.: 6.9- 32.2
BEDROCK DEPTH: 32.1
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	51700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	93200.000
CL6CP	<0.070
CLC6H5	4.810
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3210.000
MEC6H5	<1.210
MG	14200.000
MIBK	<12.900
MXYLEN	<1.350
NA	65800.000
NIT	715.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	192000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37364
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 27.3
BEDROCK DEPTH: 28.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	2.520
CA	67600.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	82800.000
CL6CP	<0.070
CLC6H5	7.230
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	.
ISODR	<0.060
K	6350.000
MEC6H5	<1.210
MG	13500.000
MIBK	<12.900
MXYLEN	<1.350
NA	93400.000
NIT	747.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	161000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	24.900
ASTOT	5.710

WELL 37365
AQUIFER: DENVER
SCREENED INT.: 49.1- 59.7
BEDROCK DEPTH: 33.5
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	31400.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	5.330
CHCL3	6.700
CL	53600.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	0.348
DCPD	<9.310
DIMP	16.700
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	1260.000
MEC6H5	<1.210
MG	3520.000
MIBK	<12.900
MXYLEN	<1.350
NA	188000.000
NIT	128.000
OXAT	<2.000
PBTOT	23.200
PPDDE	<0.053
PPDDT	<0.066
SO4	234000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	4.600
XYLEN	<2.470
ZNTOT	114.000
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL 37366
AQUIFER: ALLUVIUM
SCREENED INT.: 2.2- 17.2
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	107000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	44400.000
CL6CP	<0.070
CLC6H5	2.060
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<11.900
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3650.000
MEC6H5	<1.210
MG	17500.000
MIBK	<12.900
MXYLEN	<1.350
NA	85900.000
NIT	5490.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	117000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	27.100
ASTOT	<3.900

WELL BOLLER
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	74200.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	29.300
CL	184000.000
CL6CP	<0.070
CLC6H5	1.950
CPMS	<1.300
CPMSO	11.400
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	14.500
DBCP	0.266
DCPD	<9.310
DIMP	141.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2830.000
MEC6H5	<1.210
MG	18000.000
MIBK	<12.900
MXYLEN	<1.350
NA	82500.000
NIT	2650.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	619000.000
T12DCE	<1.200
TCLEE	5.620
TRCLE	2.670
XYLEN	<2.470
ZNTOT	23.200
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 1ST QUARTER, FY87

WELL XII
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	0.104
C6H6	<1.340
CA	142000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	87200.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.930
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	2610.000
MEC6H5	<1.210
MG	35300.000
MIBK	<12.900
MXYLEN	<1.350
NA	187000.000
NIT	4270.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	142000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	123.000

WELL CIII
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 58.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	96700.000
CL6CP	<0.070
CLC6H5	<0.580
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	8.650
CUTOT	8.060
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.500
ISODR	<0.060
K	3660.000
MEC6H5	<1.210
MG	13900.000
MIBK	<12.900
MXYLEN	<1.350
NA	58400.000
NIT	10400.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.066
SO4	189000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	2.010
XYLEN	<2.470
ZNTOT	44.400
ASTOT	<3.900

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37308
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 20.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.550
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	123000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	9.340
CHCL3	<1.400
CL	246000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	10.800
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	0.249
DCPD	58.600
DIMP	86.700
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2070.000
HGTOT	<0.359
ISODR	<0.060
K	6080.000
MEC6H5	<1.210
MG	66600.000
MIBK	<12.900
MXYLEN	<1.350
NA	273000.000
NIT	835.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	440000.000
T12DCE	<1.200
TCLEE	29.600
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37309
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 23.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<1.400
ASTOT	2.810
BTZ	<2.000
C6H6	<1.340
CA	126000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	.060
CHCL3	<1.400
CL	514000.000
CL6CP	<1.400
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	24.000
CPMSO2	35.400
CRTOT	<5.960
CUTOT	<7.940
DBCP	0.183
DCPD	736.000
DIMP	1020.000
DITH	8.340
DLDRN	<1.200
DMDS	<1.800
DMMP	<15.200
ENDRN	<1.040
ETC6H5	<1.280
FL	1850.000
HGTOT	<0.359
ISODR	<1.200
K	4010.000
MEC6H5	5.330
MG	60800.000
MIBK	<12.900
MXYLEN	<1.350
NA	499000.000
NIT	2080.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<1.060
PPDDT	<1.400
SO4	624000.000
T12DCE	<1.200
TCLEE	70.900
TRCLE	3.040
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37312
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 13.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.700
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	129000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	247000.000
CL6CP	<0.700
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	23.700
DIMP	23.000
DITH	<1.100
DLDRN	1.170
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.520
ETC6H5	<1.280
FL	1890.000
HGTOT	<0.359
ISODR	<0.600
K	4530.000
MEC6H5	<1.210
MG	66000.000
MIBK	<12.900
MXYLEN	<1.350
NA	231000.000
NIT	124.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	473000.000
T12DCE	<1.200
TCLEE	3.290
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37313
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 28.8
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.757
ALDRN	<0.700
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	510000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1340000.000
CL6CP	<0.700
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	24.800
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	5180.000
DITH	13.200
DLDRN	<0.600
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.520
ETC6H5	<1.280
FL	2770.000
HGTOT	<0.359
ISODR	<0.600
K	12700.000
MEC6H5	<1.210
MG	173000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1020000.000
NIT	<10.000
OXAT	4.880
PBTOT	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	1470000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37320
AQUIFER: ALLUVIUM
SCREENED INT.: 22.7- 32.7
BEDROCK DEPTH: 35.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	130000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	145000.000
CL6CP	<0.070
CLC6H5	0.772
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	27.100
DITH	<1.100
DLDRN	0.070
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	5050.000
MEC6H5	<1.210
MG	42600.000
MIBK	<12.900
MXYLEN	<1.350
NA	180000.000
NIT	3860.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	417000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	21.500

WELL 37332
AQUIFER: ALLUVIUM
SCREENED INT.: 46.9- 51.4
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.700
ASTOT	4.830
BTZ	<2.000
C6H6	1.550
CA	129000.000
CCL4	<2.400
CDTOT	7.530
CH2CL2	<5.000
CHCL3	2.520
CL	673000.000
CL6CP	1.020
CLC6H5	5.700
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.742
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.520
ETC6H5	<1.280
FL	2410.000
HGTOT	<0.359
ISODR	<0.600
K	7110.000
MEC6H5	<1.210
MG	43200.000
MIBK	<12.900
MXYLEN	<1.350
NA	544000.000
NIT	4650.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	393000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37333
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 47.7
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	83000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	14.900
CL	372000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.084
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	7620.000
MEC6H5	<1.210
MG	6750.000
MIBK	<12.900
MXYLEN	<1.350
NA	247000.000
NIT	2820.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	163000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37335
AQUIFER: ALLUVIUM
SCREENED INT.: 38.2- 57.6
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	79400.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	103000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.078
DMDS	<1.800
DMMP	15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	4010.000
MEC6H5	<1.210
MG	12700.000
MIBK	<12.900
MXYLEN	<1.350
NA	87200.000
NIT	250.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	56300.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	25.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37338
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 29.2
BEDROCK DEPTH: 23.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	143000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	2.950
CL	134000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	0.500
DITH	1.100
DLDRN	0.063
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HGTOT	<0.359
ISODR	<0.060
K	31900.000
MEC6H5	<1.210
MG	45700.000
MIBK	<12.900
MXYLEN	<1.350
NA	209000.000
NIT	1620.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	388000.000
T12DCE	<1.200
TCLEE	1.690
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	37.200

WELL 37339
AQUIFER: ALLUVIUM
SCREENED INT.: 11.7- 22.3
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	818000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	2220000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	39.800
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	724.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	4240.000
HGTOT	<0.359
ISODR	<0.060
K	5050.000
MEC6H5	<1.210
MG	203000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1390000.000
NIT	8610.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	2120000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	37.900

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37340
AQUIFER: ALLUVIUM
SCREENED INT.: 23.5- 34.1
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	192000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	225000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	9.550
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	39.200
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1890.000
HGTOT	<0.359
ISODR	<0.060
K	6190.000
MEC6H5	<1.210
MG	41400.000
MIBK	<12.900
MXYLEN	<1.350
NA	338000.000
NIT	4090.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	589000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37341
AQUIFER: ALLUVIUM
SCREENED INT.: 20.3- 50.7
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	107000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	72800.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	7110.000
MEC6H5	<1.210
MG	17400.000
MIBK	<12.900
MXYLEN	<1.350
NA	86700.000
NIT	324.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	146000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37342
AQUIFER: ALLUVIUM
SCREENED INT.: 12.9- 29.0
BEDROCK DEPTH: 27.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.936
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	281000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	461000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	17.600
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	57.100
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HGTOT	<0.359
ISODR	<0.060
K	9150.000
MEC6H5	<1.210
MG	61000.000
MIBK	<12.900
MXYLEN	<1.350
NA	403000.000
NIT	5200.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	716000.000
T12DCE	<1.200
TCLEE	1.360
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37343
AQUIFER: ALLUVIUM
SCREENED INT.: 3.7- 35.1
BEDROCK DEPTH: 35.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.740
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	185000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	303000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	10.900
CUTOT	<7.940
DBCP	<0.130
DCPD	20.300
DIMP	1110.000
DITH	1.940
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1550.000
HGTOT	<0.359
ISODR	<0.060
K	7110.000
MEC6H5	<1.210
MG	68800.000
MIBK	<12.900
MXYLEN	<1.350
NA	294000.000
NIT	21.400
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	416000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37344
AQUIFER: ALLUVIUM
SCREENED INT.: 15.5- 40.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<12.200
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	207000.000
CCL4	8.970
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	1370.000
CL	388000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	3.410
CPMSO	104.000
CPMSO2	<4.700
CRTOT	9.100
CUTOT	<7.940
DBCP	13.400
DCPD	<9.310
DIMP	1340.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HGTOT	<0.359
ISODR	<0.060
K	6660.000
MEC6H5	<1.210
MG	53900.000
MIBK	<12.900
MXYLEN	<1.350
NA	338000.000
NIT	2700.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	497000.000
T12DCE	<1.200
TCLEE	111.000
TRCLE	6.620
XYLEN	<2.470
ZNTOT	<20.100

WELL 37345
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 37.1
BEDROCK DEPTH: 37.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	127000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	84500.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	5050.000
MEC6H5	<1.210
MG	18100.000
MIBK	<12.900
MXYLEN	<1.350
NA	90900.000
NIT	51.900
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	198000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37346		WELL 37347	
AQUIFER: ALLUVIUM		AQUIFER: ALLUVIUM	
SCREENED INT.:	8.6- 24.0	SCREENED INT.:	23.2- 33.8
BEDROCK DEPTH:	[illegible]	BEDROCK DEPTH:	33.5
BEDROCK LITH.:	SH	BEDROCK LITH.:	SH
SCREENED ZONE:	ALLUVIUM	SCREENED ZONE:	ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	.	111TCE	<1.700
112TCE	.	112TCE	<1.000
11DCE	.	11DCE	<1.100
11DCLE	<1.930	11DCLE	<1.200
12DCLE	.	12DCLE	<0.610
ALDRN	<0.070	ALDRN	<0.070
ASTOT	<2.500	ASTOT	<2.500
BTZ	<2.000	BTZ	<2.000
C6H6	.	C6H6	<1.340
CA	99000.000	CA	110000.000
CCL4	.	CCL4	<2.400
CDTOT	<5.160	CDTOT	<5.160
CH2CL2	.	CH2CL2	<5.000
CHCL3	.	CHCL3	<1.400
CL	98400.000	CL	147000.000
CL6CP	<0.070	CL6CP	<0.070
CLC6H5	.	CLC6H5	<0.580
CLDAN	.	CLDAN	.
CPMS	<1.300	CPMS	<1.300
CPMSO	<4.200	CPMSO	<4.200
CPMSO2	<4.700	CPMSO2	<4.700
CRTOT	9.110	CRTOT	8.330
CUTOT	<7.940	CUTOT	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	256.000
DITH	<1.100	DITH	<1.100
DLDRN	<0.060	DLDRN	<0.060
DMDS	<1.800	DMDS	<1.800
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.052	ENDRN	<0.052
ETC6H5	.	ETC6H5	<1.280
FL	1270.000	FL	<1200.000
HGTOT	<0.359	HGTOT	<0.359
ISODR	<0.060	ISODR	<0.060
K	5050.000	K	6190.000
MEC6H5	.	MEC6H5	<1.210
MG	17100.000	MG	25900.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	.	MXYLEN	<1.350
NA	80600.000	NA	89000.000
NIT	70.200	NIT	820.000
OXAT	<2.000	OXAT	<2.000
PBTOT	<18.600	PBTOT	<18.600
PPDDE	<0.053	PPDDE	<0.053
PPDDT	<0.070	PPDDT	<0.070
SO4	166000.000	SO4	182000.000
T12DCE	.	T12DCE	<1.200
TCLEE	.	TCLEE	<1.300
TRCLE	.	TRCLE	<1.100
XYLEN	.	XYLEN	<2.470
ZNTOT	<20.100	ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37348
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 42.0
BEDROCK DEPTH: 41.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	110000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	2.430
CL	83500.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1580.000
HGTOT	<0.359
ISODR	<0.060
K	3370.000
MEC6H5	<1.210
MG	20000.000
MIBK	<12.900
MXYLEN	<1.350
NA	109000.000
NIT	1950.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	204000.000
T12DCE	<1.200
TCLEE	2.090
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37349
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.6
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	153000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	143000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	201.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HGTOT	<0.359
ISODR	<0.060
K	3370.000
MEC6H5	<1.210
MG	38800.000
MIBK	<12.900
MXYLEN	<1.350
NA	123000.000
NIT	8250.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	227000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37350
AQUIFER: ALLUVIUM
SCREENED INT.: 26.9- 52.3
BEDROCK DEPTH: 52.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	141000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	98200.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	17.400
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1.[illegible]0.000
HGTOT	<0.359
ISODR	<0.060
K	5570.000
MEC6H5	<1.210
MG	33700.000
MIBK	<12.900
MXYLEN	<1.350
NA	92100.000
NIT	7390.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	248000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	52.800

WELL 37351
AQUIFER: ALLUVIUM
SCREENED INT.: 17.9- 38.5
BEDROCK DEPTH: 36.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	132000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<120000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	15.300
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1590.000
HGTOT	<0.359
ISODR	<0.060
K	3490.000
MEC6H5	<1.210
MG	33000.000
MIBK	<12.900
MXYLEN	<1.350
NA	112000.000
NIT	9360.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	210000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	36.600

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37352
AQUIFER: ALLUVIUM
SCREENED INT.: 29.8- 38.3
BEDROCK DEPTH: 37.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	101000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	88400.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1340.000
HGTOT	<0.359
ISODR	<0.060
K	2970.000
MEC6H5	<1.210
MG	18300.000
MIBK	<12.900
MXYLEN	<1.350
NA	84300.000
NIT	3610.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	181000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	34.600

WELL 37353
AQUIFER: ALLUVIUM
SCREENED INT.: 27.1- 42.4
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	157000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	268000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	632.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	4530.000
MEC6H5	<1.210
MG	42000.000
MIBK	<12.900
MXYLEN	<1.350
NA	156000.000
NIT	4990.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	289000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	41.000

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37354
AQUIFER: ALLUVIUM
SCREENED INT.: 13.8- 49.1
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	108000.000
CCL4	<2.400
CDTOT	41.200
CH2CL2	<5.000
CHCL3	3.960
CL	103000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	39.300
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	12.400
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1300.000
HGTOT	<0.359
ISODR	<0.060
K	4010.000
MEC6H5	<1.210
MG	25800.000
MIBK	<12.900
MXYLEN	<1.350
NA	91800.000
NIT	8440.000
OXAT	<2.000
PBTOT	52.100
PPDDE	<0.053
PPDDT	<0.070
SO4	168000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	62.800

WELL 37355
AQUIFER: ALLUVIUM
SCREENED INT.: 11.1- 71.7
BEDROCK DEPTH: 70.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	5.290
112TCE	1.560
11DCE	<1.100
11DCLE	<1.200
12DCLE	1.540
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	1.550
CL	130000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.094
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1630.000
HGTOT	<0.359
ISODR	<0.060
K	4310.000
MEC6H5	<1.210
MG	28100.000
MIBK	<12.900
MXYLEN	<1.350
NA	120000.000
NIT	7880.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	200000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	60.400

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37356
AQUIFER: ALLUVIUM
SCREENED INT.: 8.3- 38.4
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	130000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	138000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	125.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	6600.000
MEC6H5	<1.210
MG	31800.000
MIBK	<12.900
MXYLEN	<1.350
NA	122000.000
NIT	8880.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	207000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	76.200

WELL 37357
AQUIFER: ALLUVIUM
SCREENED INT.: 4.5- 19.7
BEDROCK DEPTH: 19.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	116000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	20.600
CL	114000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	30.600
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	9660.000
MEC6H5	<1.210
MG	30900.000
MIBK	<12.900
MXYLEN	<1.350
NA	118000.000
NIT	8930.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	197000.000
T12DCE	<1.200
TCLEE	2.840
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37358
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 59.9
BEDROCK DEPTH: 59.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	258000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	80800.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	5050.000
MEC6H5	<1.210
MG	13500.000
MIBK	<12.900
MXYLEN	<1.350
NA	61900.000
NIT	3180.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	133000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	25.400

WELL 37359
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.7
BEDROCK DEPTH: 42.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	2.740
112TCE	<1.000
11DCE	<1.100
11DCLE	2.100
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	216000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	138000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	24.000
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	7120.000
MEC6H5	<1.210
MG	30100.000
MIBK	<12.900
MXYLEN	<1.350
NA	147000.000
NIT	9590.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	337000.000
T12DCE	<1.200
TCLEE	2.780
TRCLE	3.180
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37360
AQUIFER: ALLUVIUM
SCREENED INT.: 26.4-101.9
BEDROCK DEPTH:101.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	155000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	56900.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	7.230
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	3840.000
MEC6H5	<1.210
MG	13200.000
MIBK	<12.900
MXYLEN	<1.350
NA	73500.000
NIT	8000.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	123000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37361
AQUIFER: ALLUVIUM
SCREENED INT.: 21.7- 92.3
BEDROCK DEPTH: 92.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	105000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	58700.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	4310.000
MEC6H5	<1.210
MG	13000.000
MIBK	<12.900
MXYLEN	<1.350
NA	64900.000
NIT	6310.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	148000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37362
AQUIFER: ALLUVIUM
SCREENED INT.: 34.5- 45.2
BEDROCK DEPTH: 42.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	144000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	1.760
CL	213000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1800.000
HGTOT	<0.359
ISODR	<0.060
K	5050.000
MEC6H5	<1.210
MG	50800.000
MIBK	<12.900
MXYLEN	<1.350
NA	278000.000
NIT	1710.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	456000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	65.000

WELL 37363
AQUIFER: ALLUVIUM
SCREENED INT.: 6.9- 32.2
BEDROCK DEPTH: 32.1
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	86600.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	102000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	4780.000
MEC6H5	<1.210
MG	16000.000
MIBK	<12.900
MXYLEN	<1.350
NA	89500.000
NIT	2420.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	180000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL 37364
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 27.3
BEDROCK DEPTH: 28.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	4.230
BTZ	<2.000
C6H6	<1.340
CA	72200.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	107000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	8130.000
MEC6H5	<1.210
MG	12500.000
MIBK	<12.900
MXYLEN	<1.350
NA	111000.000
NIT	660.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	176000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37366
AQUIFER: ALLUVIUM
SCREENED INT.: 2.2- 17.2
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<2.500
BTZ	<2.000
C6H6	<1.340
CA	129000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	37400.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1200.000
HGTOT	<0.359
ISODR	<0.060
K	5720.000
MEC6H5	<1.210
MG	19900.000
MIBK	<12.900
MXYLEN	<1.350
NA	100000.000
NIT	6120.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	110000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 2ND QUARTER, FY87

WELL BOLLER
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	<2.500
BTZ	<1.140
C6H6	<1.340
CA	181000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	24.900
CL	180000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	11.700
CPMSO2	<2.240
CRTOT	<5.960
CUTOT	<7.940
DBCP	.
DCPD	<9.310
DIMP	152.000
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.359
ISODR	<0.056
K	3630.000
MEC6H5	<1.210
MG	57200.000
MIBK	<12.900
MXYLEN	<1.350
NA	269000.000
NIT	2630.000
OXAT	<1.350
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	591000.000
T12DCE	<1.200
TCLEE	5.810
TRCLE	1.480
XYLEN	<2.470
ZNTOT	76.800

WELL CIII
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 58.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	<2.500
BTZ	<1.140
C6H6	<1.340
CA	149000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	86900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	25.100
CUTOT	<7.940
DBCP	.
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.359
ISODR	<0.056
K	4240.000
MEC6H5	<1.210
MG	14400.000
MIBK	<12.900
MXYLEN	<1.350
NA	70700.000
NIT	3410.000
OXAT	<1.350
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	172000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	1.250
XYLEN	<2.470
ZNTOT	61.700

WELL XII

AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
ASTOT	<2.500
BTZ	<1.140
C6H6	<1.340
CA	76200.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	55500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CRTOT	<5.960
CUTOT	<7.940
DBCP	.
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.359
ISODR	<0.056
K	3630.000
MEC6H5	<1.210
MG	17000.000
MIBK	<12.900
MXYLEN	<1.350
NA	84600.000
NIT	3560.000
OXAT	<1.350
PBTOT	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	120000.000
T12DCE	<1.700
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37308
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 20.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.604
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	267000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	63.800
CPMSO2	<4.700
CRTOT	.
CUTOT	8.390
DBCP	<0.130
DCPD	30.500
DIMP	43.700
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2190.000
HGTOT	<0.480
ISODR	<0.060
K	4640.000
MEC6H5	<1.210
MG	64400.000
MIBK	<12.900
MXYLEN	<1.350
NA	276000.000
NIT	924.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	409000.000
T12DCE	<1.200
TCLEE	9.360
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	23.400

WELL 37309
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 23.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	4.150
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	117000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	444000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	55.500
CPMSO2	39.300
CRTOT	.
CUTOT	26.000
DBCP	0.229
DCPD	529.000
DIMP	765.000
DITH	5.930
DLDRN	<0.060
DMDS	<1.800
DMMP	<76.000
ENDRN	<0.052
ETC6H5	<1.280
FL	3060.000
HGTOT	<0.480
ISODR	<0.060
K	2580.000
MEC6H5	<1.210
MG	56100.000
MIBK	<12.900
MXYLEN	<1.350
NA	432000.000
NIT	1750.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	585000.000
T12DCE	<1.200
TCLEE	46.500
TRCLE	2.300
XYLEN	<2.470
ZNTOT	56.000

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37312
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 13.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	116000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	228000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.135
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2310.000
HGTOT	<0.480
ISODR	<0.060
K	4040.000
MEC6H5	<1.210
MG	61700.000
MIBK	<12.900
MXYLEN	<1.350
NA	228000.000
NIT	1050.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	415000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	149.000

WELL 37313
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 28.8
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.679
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	262000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	1130000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	3850.000
DITH	11.000
DLDRN	0.086
DMDS	<1.800
DMMP	<304.000
ENDRN	<0.052
ETC6H5	<1.280
FL	2780.000
HGTOT	<0.480
ISODR	<0.060
K	9430.000
MEC6H5	<1.210
MG	117000.000
MIBK	<12.900
MXYLEN	<1.350
NA	821000.000
NIT	236.000
OXAT	4.400
PBTOT	44.200
PPDDE	<0.053
PPDDT	<0.070
SO4	1170000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	34.600

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37320
AQUIFER: ALLUVIUM
SCREENED INT.: 22.7- 32.7
BEDROCK DEPTH: 35.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	122000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	150000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	.940
DBCP	.0.130
DCPD	<9.310
DIMP	18.900
DITH	<1.100
DLDRN	0.140
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.480
ISODR	<0.060
K	3350.000
MEC6H5	<1.210
MG	43000.000
MIBK	<12.900
MXYLEN	<1.350
NA	177000.000
NIT	3680.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	375000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37332
AQUIFER: ALLUVIUM
SCREENED INT.: 46.9- 51.4
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	5.800
BTZ	<2.000
C6H6	<1.340
CA	96700.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	3.390
CL	609000.000
CL6CP	<0.070
CLC6H5	3.220
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	41.300
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	1.020
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2610.000
HGTOT	<0.480
ISODR	<0.060
K	3780.000
MEC6H5	<1.210
MG	34200.000
MIBK	<12.900
MXYLEN	<1.350
NA	506000.000
NIT	4360.000
OXAT	<2.000
PBTOT	38.100
PPDDE	<0.053
PPDDT	<0.070
SO4	331000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	54.000

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37333
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 47.7
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	4.800
BTZ	<2.000
C6H6	<1.340
CA	85700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	11.600
CL	372000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.226
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.480
ISODR	<0.060
K	5580.000
MEC6H5	<1.210
MG	13800.000
MIBK	<12.900
MXYLEN	<1.350
NA	247000.000
NIT	2920.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	153000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	33.600

WELL 37335
AQUIFER: ALLUVIUM
SCREENED INT.: 38.2- 57.6
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	67400.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	111000.000
CL6CP	<0.070
CLC6H5	1.650
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.328
DMDS	<1.300
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.480
ISODR	<0.060
K	2920.000
MEC6H5	<1.210
MG	13900.000
MIBK	<12.900
MXYLEN	<1.350
NA	75200.000
NIT	236.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	51000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	21.400

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37338
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 29.2
BEDROCK DEPTH: 23.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	162000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	2.030
CL	260000.000
CL6CP	<0.070
CLC6H5	2.640
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.108
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1880.000
HGTOT	<0.480
ISODR	<0.060
K	8660.000
MEC6H5	<1.210
MG	54000.000
MIBK	<12.900
MXYLEN	<1.350
NA	242000.000
NIT	1320.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	449000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	41.800

WELL 37339
AQUIFER: ALLUVIUM
SCREENED INT.: 11.7- 22.3
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	3.500
BTZ	<2.000
C6H6	<1.340
CA	668000.000
CCL4	<2.400
CDTOT	9.500
CH2CL2	<5.000
CHCL3	<1.400
CL	1990000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	9.820
DBCP	<0.130
DCPD	<9.310
DIMP	546.000
DITH	<1.100
DLDRN	0.128
DMDS	<1.800
DMMP	<76.000
ENDRN	<0.052
ETC6H5	<1.280
FL	4650.000
HGTOT	<0.480
ISODR	<0.060
K	3610.000
MEC6H5	<1.210
MG	174000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1220000.000
NIT	8920.000
OXAT	<2.000
PBTOT	25.800
PPDDE	<0.053
PPDDT	<0.070
SO4	1970000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	152.000

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37340
AQUIFER: ALLUVIUM
SCREENED INT.: 23.5- 34.1
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	149000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	220000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	35.300
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	0.164
ETC6H5	<1.280
FL	1700.000
HGTOT	<0.480
ISODR	<0.060
K	4290.000
MEC6H5	<1.210
MG	35900.000
MIBK	<12.900
MXYLEN	<1.350
NA	299000.000
NIT	4110.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	563000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	31.600

WELL 37341
AQUIFER: ALLUVIUM
SCREENED INT.: 20.3- 50.7
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	70500.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	50500.000
CL6CP	<0.070
CLC6H5	0.807
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	4640.000
MEC6H5	<1.210
MG	15500.000
MIBK	<12.900
MXYLEN	<1.350
NA	64600.000
NIT	878.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	120000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	48.900

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37342
AQUIFER: ALLUVIUM
SCREENED INT.: 12.9- 29.0
BEDROCK DEPTH: 27.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	1.110
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	287000.000
CCL4	<2.400
CDTOT	5.470
CH2CL2	<5.000
CHCL3	<1.400
CL	586000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	.
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	44.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1510.000
HGTOT	0.360
ISODR	<0.060
K	6600.000
MEC6H5	<1.210
MG	65700.000
MIBK	<12.900
MXYLEN	<1.350
NA	426000.000
NIT	8210.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	861000.000
T12DCE	<1.200
TCLEE	2.190
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37343
AQUIFER: ALLUVIUM
SCREENED INT.: 3.7- 35.1
BEDROCK DEPTH: 35.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.801
ALDRN	<0.070
ASTOT	4.300
BTZ	<2.000
C6H6	<1.340
CA	119000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	223000.000
CL6CP	<0.070
CLC6H5	3.090
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	11.100
CUTOT	<7.940
DBCP	<0.130
DCPD	11.900
DIMP	468.000
DITH	1.900
DLDRN	<0.060
DMDS	<1.800
DMMP	<76.000
ENDRN	<0.052
ETC6H5	<1.280
FL	1750.000
HGTOT	<0.480
ISODR	<0.060
K	5580.000
MEC6H5	<1.210
MG	50200.000
MIBK	<12.900
MXYLEN	<1.350
NA	250000.000
NIT	100.000
OXAT	<2.000
PBTOT	21.900
PPDDE	<0.053
PPDDT	<0.070
SO4	355000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	36.900

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37344
AQUIFER: ALLUVIUM
SCREENED INT.: 15.5- 40.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<6.100
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	183000.000
CCL4	<24.000
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	1180.000
CL	427000.000
CL6CP	<0.070
CLC6H5	6.900
CLDAN	.
CPMS	<1.300
CPMSO	101.000
CPMSO2	<4.700
CRTOT	17.300
CUTOT	<7.940
DBCP	13.300
DCPD	<9.310
DIMP	1030.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	1330.000
HGTOT	<0.480
ISODR	<0.060
K	4210.000
MEC6H5	<1.210
MG	51700.000
MIBK	<12.900
MXYLEN	<1.350
NA	323000.000
NIT	2760.000
OXAT	<2.000
PBTOT	27.400
PPDDE	<0.053
PPDDT	<0.070
SO4	505000.000
T12DCE	<1.200
TCLEE	112.000
TRCLE	7.710
XYLEN	<2.470
ZNTOT	<20.100

WELL 37345
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 37.1
BEDROCK DEPTH: 37.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	3.100
BTZ	<2.000
C6H6	<1.340
CA	83000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	60500.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	7.630
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1240.000
HGTOT	<0.480
ISODR	<0.060
K	3180.000
MEC6H5	<1.210
MG	17900.000
MIBK	<12.900
MXYLEN	<1.350
NA	79500.000
NIT	446.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	186000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	100.000

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37346
AQUIFER: ALLUVIUM
SCREENED INT.: 8.6- 24.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	3.200
BTZ	<2.000
C6H6	<1.340
CA	48700.000
CCl	<2.400
[illegible]	<5.160
	<5.000
[illegible]	<1.400
CL	40900.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1300.000
HGTOT	<0.240
ISODR	<0.060
K	2670.000
MEC6H5	<1.210
MG	10500.000
MIBK	<12.900
MXYLEN	<1.350
NA	64100.000
NIT	292.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	79500.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	49.500

WELL 37347
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 33.8
BEDROCK DEPTH: 33.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	72000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	54900.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	6.940
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	3440.000
MEC6H5	<1.210
MG	17800.000
MIBK	<12.900
MXYLEN	<1.350
NA	69100.000
NIT	2710.000
OXAT	<2.000
PBTOT	21.900
PPDDE	<0.053
PPDDT	<0.070
SO4	109000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	61.200

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37348
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 42.0
BEDROCK DEPTH: 41.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	191000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	2.200
CL	325000.000
CL6CP	<0.070
CLC6H5	1.260
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	15.300
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1360.000
HGTOT	<0.480
ISODR	<0.060
K	3520.000
MEC6H5	<1.210
MG	46100.000
MIBK	<12.900
MXYLEN	<1.350
NA	164000.000
NIT	7170.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	370000.000
T12DCE	<1.200
TCLEE	1.720
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37349
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.6
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	101000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	115000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	12.500
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	78.400
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1290.000
HGTOT	<0.240
ISODR	<0.060
K	2500.000
MEC6H5	<1.210
MG	26600.000
MIBK	<12.900
MXYLEN	<1.350
NA	91500.000
NIT	5650.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	176000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	73.800

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WELL 37350
AQUIFER: ALLUVIUM
SCREENED INT.: 26.9- 52.3
BEDROCK DEPTH: 52.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	73000.000
CCL4	<2.400
CDTOT	960
CH2CL2	90
CHCL3	20
CL	85000.000
CL6CP	<0.070
CLC6H5	0.853
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	15.300
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	41[illegible]000
MEC6H5	[illegible]210
MG	31[illegible].000
MIBK	<12.900
MXYLEN	<1.350
NA	93300.000
NIT	5020.000
OXAT	<2.000
PBTOT	38.400
PPDDE	<0.053
PPDDT	<0.070
SO4	205000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37351
AQUIFER: ALLUVIUM
SCREENED INT.: 17.9- 38.5
BEDROCK DEPTH: 36.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	123000.000
CL6CP	<0.070
CLC6H5	1.600
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	8.330
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1720.000
HGTOT	<0.240
ISODR	<0.060
K	2500.000
MEC6H5	<1.210
MG	31700.000
MIBK	<12.900
MXYLEN	<1.350
NA	120000.000
NIT	8060.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	194000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

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WELL 37352
AQUIFER: ALLUVIUM
SCREENED INT.: 29.8- 38.3
BEDROCK DEPTH: 37.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	92500.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	78400.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	8.330
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1320.000
HGTOT	<0.240
ISODR	<0.060
K	1810.000
MEC6H5	<1.210
MG	23200.000
MIBK	<12.900
MXYLEN	<1.350
NA	92200.000
NIT	2980.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	169000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37353
AQUIFER: ALLUVIUM
SCREENED INT.: 27.1- 42.4
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	117000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	103000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	11.100
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	73.700
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	<1260.000
MEC6H5	<1.210
MG	32400.000
MIBK	<12.900
MXYLEN	<1.350
NA	123000.000
NIT	4220.000
OXAT	<2.000
PBTOT	32.900
PPDDE	<0.053
PPDDT	<0.070
SO4	189000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

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WELL 37354
AQUIFER: ALLUVIUM
SCREENED INT.: 13.8- 49.1
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	77100.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	65700.000
CL6CP	<0.070
CLC6H5	0.622
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	8.330
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HGTOT	<0.240
ISODR	<0.060
K	2500.000
MEC6H5	<1.210
MG	21000.000
MIBK	<12.900
MXYLEN	<1.350
NA	100.000
NIT	6310.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	138000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37355
AQUIFER: ALLUVIUM
SCREENED INT.: 11.1- 71.7
BEDROCK DEPTH: 70.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	29.400
112TCE	<1.000
11DCE	2.670
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	134000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	2.360
CL	203000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	11.100
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.087
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1630.000
HGTOT	<0.240
ISODR	<0.060
K	3090.000
MEC6H5	<1.210
MG	35200.000
MIBK	<12.900
MXYLEN	<1.350
NA	155000.000
NIT	6480.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	202000.000
T12DCE	<1.200
TCLEE	5.520
TRCLE	2.120
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37356
AQUIFER: ALLUVIUM
SCREENED INT.: 8.3- 38.4
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	109000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	105000.000
CL6CP	<0.070
CLC6H5	1.720
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	9.020
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	54.100
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	2520.000
MEC6H5	<1.210
MG	27300.000
MIBK	<12.900
MXYLEN	<1.350
NA	122000.000
NIT	6770.000
OXAT	<2.000
PBTOT	21.900
PPDDE	<0.053
PPDDT	<0.070
SO4	186000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37357
AQUIFER: ALLUVIUM
SCREENED INT.: 4.5- 19.7
BEDROCK DEPTH: 19.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	82400.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	4.680
CL	84500.000
CL6CP	<0.070
CLC6H5	1.100
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	13.900
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	16.200
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1220.000
HGTOT	<0.240
ISODR	<0.060
K	6670.000
MEC6H5	<1.210
MG	22500.000
MIBK	<12.900
MXYLEN	<1.350
NA	98500.000
NIT	10700.000
OXAT	<2.000
PBTOT	21.900
PPDDE	<0.053
PPDDT	<0.070
SO4	168000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 7358
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 59.9
BEDROCK DEPTH: 59.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	121000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	0.000
CL6CP	0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	8.330
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	2360.000
MEC6H5	<1.210
MG	14900.000
MIBK	<12.900
MXYLEN	<1.350
NA	70400.000
NIT	2410.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	111000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37359
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.7
BEDROCK DEPTH: 42.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	4.540
112TCE	<1.000
11DCE	<1.100
11DCLE	1.950
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	187000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	129000.000
CL6CP	<0.070
CLC6H5	1.010
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	11.100
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	5580.000
MEC6H5	<1.210
MG	26200.000
MIBK	<12.900
MXYLEN	<1.350
NA	142000.000
NIT	5610.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	327000.000
T12DCE	<1.200
TCLEE	3.670
TRCLE	6.560
XYLEN	<2.470
ZNTOT	<20.100

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL 37360
AQUIFER: ALLUVIUM
SCREENED INT.: 26.4-101.9
BEDROCK DEPTH: 101.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	120000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	63300.000
CL6CP	<0.070
CLC6H5	1.360
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	9.710
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	2840.000
MEC6H5	<1.210
MG	12500.000
MIBK	<12.900
MXYLEN	<1.350
NA	65100.000
NIT	8940.000
OXAT	<2.000
PBTOT	27.400
PPDDE	<0.053
PPDDT	<0.070
SO4	130000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37361
AQUIFER: ALLUVIUM
SCREENED INT.: 21.7- 92.3
BEDROCK DEPTH: 92.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	95300.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	51100.000
CL6CP	<0.070
CLC6H5	1.550
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	11.800
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	3350.000
MEC6H5	<1.210
MG	14600.000
MIBK	<12.900
MXYLEN	<1.350
NA	65000.000
NIT	5520.000
OXAT	<2.000
PBTOT	27.400
PPDDE	<0.053
PPDDT	<0.070
SO4	126000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

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WELL 37362
AQUIFER: ALLUVIUM
SCREENED INT.: 34.5- 45.2
BEDROCK DEPTH: 42.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	147000.000
CCL4	<2.400
CDTOT	5.260
CH2CL2	<5.000
CHCL3	1.320
CL	231000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	18.000
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1760.000
HGTOT	<0.240
ISODR	<0.060
K	3350.000
MEC6H5	<1.210
MG	47400.000
MIBK	<12.900
MXYLEN	<1.350
NA	269000.000
NIT	1760.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	450000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	74.800

WELL 37363
AQUIFER: ALLUVIUM
SCREENED INT.: 6.9- 32.2
BEDROCK DEPTH: 32.1
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	.
BTZ	<2.000
C6H6	<1.340
CA	72700.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	86900.000
CL6CP	<0.070
CLC6H5	0.661
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	2190.000
MEC6H5	<1.210
MG	16200.000
MIBK	<12.900
MXYLEN	<1.350
NA	85100.000
NIT	<10.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	175000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

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WELL 37364
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 27.3
BEDROCK DEPTH: 28.
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	.
BTZ	<2.000
C6H6	<1.340
CA	32000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	37300.000
CL6CP	<0.070
CLC6H5	1.000
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	8.640
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	4680.000
MEC6H5	<1.210
MG	6800.000
MIBK	<12.900
MXYLEN	<1.350
NA	49100.000
NIT	113.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	81000.000
T 2DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL 37365
AQUIFER: DENVER
SCREENED INT.: 49.1- 59.7
BEDROCK DEPTH: 33.5
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	.
BTZ	<2.000
C6H6	<1.340
CA	35000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	45100.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	<5.960
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	11.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	<1260.000
MEC6H5	<1.210
MG	4030.000
MIBK	<12.900
MXYLEN	<1.350
NA	277000.000
NIT	844.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	256000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

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WELL 37366
AQUIFER: ALLUVIUM
SCREENED INT.: 2.2- 17.2
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	.
BTZ	<2.000
C6H6	<1.340
CA	121000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	46900.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	18.200
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.184
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	4680.000
MEC6H5	<1.210
MG	23300.000
MIBK	<12.900
MXYLEN	<1.350
NA	131000.000
NIT	8080.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	98700.000
T12DCE	<1.200
TCLEE	1.770
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL BOLLER
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	194000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	13.800
CL	170000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	16.900
CPMSO2	<4.700
CRTOT	18.200
CUTOT	<7.940
DBCP	0.184
DCPD	<9.310
DIMP	137.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HGTOT	<0.240
ISODR	<0.060
K	2780.000
MEC6H5	<1.210
MG	52800.000
MIBK	<12.900
MXYLEN	<1.350
NA	248000.000
NIT	2710.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	556000.000
T12DCE	<1.200
TCLEE	5.590
TRCLE	1.150
XYLEN	<2.470
ZNTOT	46.600

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WELL XII
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	101000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	85800.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	16.300
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	3600.000
MEC6H5	<1.210
MG	26700.000
MIBK	<12.900
MXYLEN	<1.350
NA	112000.000
NIT	4650.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	133000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	<20.100

WELL XXIA
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	77900.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	67100.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	11.500
CUTOT	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	13.200
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1210.000
HGTOT	<0.240
ISODR	<0.060
K	2370.000
MEC6H5	<1.210
MG	22500.000
MIBK	<12.900
MXYLEN	<1.350
NA	79500.000
NIT	9610.000
OXAT	<2.000
PBTOT	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	136000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZNTOT	26.000

OFFPOST WATER QUALITY MONITORING NETWORK, 4TH QUARTER, FY87

WELL CIII
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 58.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
ASTOT	<3.070
BTZ	<2.000
C6H6	<1.340
CA	159000.000
CCL4	<2.400
CDTOT	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	93100.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CRTOT	25.000
CUTOT	44.700
DBCP	<0.130
DCPD	<9.310
DIMP	10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HGTOT	<0.240
ISODR	<0.060
K	3930.000
MEC6H5	<1.210
MG	18000.000
MIBK	<12.900
MXYLEN	<1.350
NA	89800.000
NIT	9990.000
OXAT	<2.000
PBTOT	25.800
PPDDE	<0.053
PPDDT	<0.070
SO4	196000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	2.470
XYLEN	<2.470
ZNTOT	54.200

APPENDIX D

CHEMISTRY DATA

APPENDIX D.1: 3RD QUARTER FY87 CHEMISTRY DATA

WRIR_WATER_CHEMISTRY_SUMMARY_3RD_QUARTER_FY1987

EXPLANATION

The following information pertains to tables presented in this section of the WRIR:

- Concentrations are in u/l.
- Analysis were not conducted for analytes concentrations designated by " . ".
- Bedrock lithology for wells 23218, 23219, 24191, 37369, 37370, 37371, 37372, 37376, 37387, 37388, 37389, and 3730 can be found in the forthcoming Task 36 Report.
- Bedrock lithology for wells 37367, 37368, 37373, 3737[illegible], 373[illegible] 37378, 37379, 37380, 37381, 37383, 37391 and 37392 can be fo[illegible] in the forthcoming Task 39 Report.
- For all other wells, bedrock depths are zero and/or bedrock lithologies are not listed when:
    - Survey data were unavailable
    - Tenuous bedrock picks from lithologic logs
    - Borehole did not penetrate bedrock
    - Well data were acquired from sources where this information was unavailable.
- Screened intervals were unavailable for wells listed with a "0" screened interval designation.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 01007
AQUIFER: DENVER
SCREENED INT.: 23.0- 26.4
BEDROCK DEPTH: 4.0
BEDROCK LITH.: VC
SCREENED ZONE: VC

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	46600.000
CCL4	177.000
CD	<5.160
CH2CL2	<5.000
CHCL3	27.000
CL	28400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.104
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1840.000
HG	<0.359
ISODR	<0.056
K	.
MEC6H5	<1.210
MG	16300.000
MIBK	<12.900
MXYLEN	<1.350
NA	63000.000
NIT	5770.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	50500.000
T12DCE	<1.200
TCLEE	2.310
TRCLE	1.360
XYLEN	<2.470
ZN	39.800

WELL 01008
AQUIFER: DENVER
SCREENED INT.: 16.6- 20.0
BEDROCK DEPTH: 9.0
BEDROCK LITH.: VC
SCREENED ZONE: VC

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	79000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	6.930
CL	149000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	5.970
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.154
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2820.000
HG	<0.359
ISODR	<0.056
K	3210.000
MEC6H5	<1.210
MG	30100.000
MIBK	<12.900
MXYLEN	<1.350
NA	348000.000
NIT	13600.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	559000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	2.710
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 01012
AQUIFER: DENVER
SCREENED INT.: 14.6- 18.0
BEDROCK DEPTH: 5.5
BEDROCK LITH.: VC
SCREENED ZONE: VC

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	1.570
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	127000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	118000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	16.500
CR	31.000
CU	22.500
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.118
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1560.000
HG	<0.359
ISODR	<0.056
K	3680.000
MEC6H5	<1.210
MG	48400.000
MIBK	<12.900
MXYLEN	<1.350
NA	127000.000
NIT	8150.000
OXAT	<1.350
PB	20.900
PPDDE	<0.046
PPDDT	<0.059
SO4	157000.000
T12DCE	4.260
TCLEE	15.500
TRCLE	1.200
XYLEN	<2.470
ZN	108.000

WELL 01015
AQUIFER: DENVER
SCREENED INT.: 57.9- 61.3
BEDROCK DEPTH: 3.0
BEDROCK LITH.: VC
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	2.000
CA	389000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	36900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1510.000
HG	<0.359
ISODR	<0.056
K	9520.000
MEC6H5	<1.210
MG	73200.000
MIBK	<12.900
MXYLEN	<1.350
NA	401000.000
NIT	987.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1900000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	98.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 01017
AQUIFER: ALLUVIUM
SCREENED INT.: 10.6- 14.0
BEDROCK DEPTH: 12.5
BEDROCK LITH.: VC
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	53800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	2.610
CL	187000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2800.000
HG	<0.359
ISODR	<0.056
K	2940.000
MEC6H5	<1.210
MG	16200.000
MIBK	<12.900
MXYLEN	<1.350
NA	105000.000
NIT	12300.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	134000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	48.500

WELL 01020
AQUIFER: ALLUVIUM
SCREENED INT.: 6.0- 10.0
BEDROCK DEPTH: 10.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<10.000
11DCE	<11.000
11DCLE	2.260
12DCLE	<6.100
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	> 9.040
CA	230000.000
CCL4	<2.400
CD	<5.160
CH2CL2	6.630
CHCL3	> 194.000
CL	570000.000
CL6CP	<0.083
CLC6H5	26.300
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	12.600
CU	44.900
DBCP	11.800
DCPD	<9.310
DIMP	<10.500
DITH	89.500
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2540.000
HG	<0.359
ISODR	<0.056
K	25000.000
MEC6H5	<1.210
MG	83900.000
MIBK	<12.900
MXYLEN	<1.350
NA	395000.000
NIT	288000.000
OXAT	9.440
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	637000.000
T12DCE	<12.000
TCLEE	4.970
TRCLE	> 194.000
XYLEN	<2.470
ZN	54.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 021
AQUIFER: ALLUVIUM
SCREENED INT.: 14.0- 64.0
BEDROCK DEPTH: 64.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	85000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	58700.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	10.800
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2850.000
MEC6H5	<1.210
MG	17100.000
MIBK	<12.900
MXYLEN	<1.350
NA	65500.000
NIT	1600.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	83100.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 01022
AQUIFER: DENVER
SCREENED INT.: 107.0-117.0
BEDROCK DEPTH: 64.0
BEDROCK LITH.: SH
SCREENED ZONE: AM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	79600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	12900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	10.200
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	1730.000
MEC6H5	<1.210
MG	13800.000
MIBK	<12.900
MXYLEN	<1.350
NA	58600.000
NIT	1040.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	6080000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 01024
AQUIFER: ALLUVIUM
SCREENED INT.: 4.0- 49.0
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<8.500
112TCE	<2.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	52000.000
CCL4	<12.000
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	58500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	10.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3170.000
MEC6H5	<1.210
MG	13500.000
MIBK	<12.900
MXYLEN	<1.350
NA	59700.000
NIT	258.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	66300.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<2.200
XYLEN	<2.470
ZN	<20.100

WELL 01025
AQUIFER: DENVER
SCREENED INT.: 66.0- 71.0
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<3.400
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	20400.000
CCL4	<4.800
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	25800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1340.000
HG	<0.359
ISODR	<0.056
K	1320.000
MEC6H5	<1.210
MG	1760.000
MIBK	<12.900
MXYLEN	<1.350
NA	78300.000
NIT	342.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	28900.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 027
AQUIFER: ALLUVIUM
SCREENED INT.: 10.0- 15.0
BEDROCK DEPTH: 14.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	117000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	484000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2270.000
HG	<0.359
ISODR	<0.056
K	4490.000
MEC6H5	<1.210
MG	42800.000
MIBK	<12.900
MXYLEN	<1.350
NA	261000.000
NIT	6310.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	178000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	54.900

WELL 01036
AQUIFER: DENVER
SCREENED INT.: 40.0- 60.0
BEDROCK DEPTH: 7.5
BEDROCK LITH.: SS
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	130000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	9.160
CL	115000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	0.517
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3810.000
MEC6H5	<1.210
MG	38600.000
MIBK	<12.900
MXYLEN	<1.350
NA	566000.000
NIT	5340.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	222000.00
T12DCE	<1.20
TCLEE	<1.30
TRCLE	<1.100
XYLEN	<2.470
ZN	380.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 01037
AQUIFER: DENVER
SCREENED INT.: 85.0-100.0
BEDROCK DEPTH: 7.5
BEDROCK LITH.: SS
SCREENED ZONE: AML

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	14500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	13100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	8.580
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	1040.000
MEC6H5	<1.210
MG	830.000
MIBK	<12.900
MXYLEN	<1.350
NA	136000.000
NIT	230.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	160000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	27.600

WELL 01041
AQUIFER: ALLUVIUM
SCREENED INT.: 5.0- 15.0
BEDROCK DEPTH: 12.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	54300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	3.340
CL	100000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	1.090
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2190.000
HG	<0.359
ISODR	<0.056
K	2210.000
MEC6H5	<1.210
MG	16000.000
MIBK	<12.900
MXYLEN	<1.350
NA	128000.000
NIT	7120.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	161000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	47.400

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 043
AQUIFER: DENVER
SCREENED INT.: 123.0-149.0
BEDROCK DEPTH: 12.0
BEDROCK LITH.: ST
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	5660.000
CCL4	<2.400
CD	26.500
CH2CL2	<5.000
CHCL3	<1.400
CL	16600.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1740.000
HG	<0.359
ISODR	<0.056
K	<520.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	107000.000
NIT	2300.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	<10000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 01047
AQUIFER: DENVER
SCREENED INT.: 33.0- 43.0
BEDROCK DEPTH: 10.0
BEDROCK LITH.: VC
SCREENED ZONE: VC

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	94400.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	3.510
CL	256000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1780.000
HG	<0.359
ISODR	<0.056
K	4930.000
MEC6H5	<1.210
MG	25100.000
MIBK	<12.900
MXYLEN	<1.350
NA	304000.000
NIT	3520.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	506000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 01048
AQUIFER: DENVER
SCREENED INT.: 160.0-210.0
BEDROCK DEPTH: 10.0
BEDROCK LITH.: VC
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	6020.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	8.120
CL	62600.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1720.000
HG	<0.359
ISODR	<0.056
K	718.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	116000.000
NIT	12.500
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	40700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 01050
AQUIFER: DENVER
SCREENED INT.: 77.0-117.0
BEDROCK DEPTH: 34.3
BEDROCK LITH.: VC
SCREENED ZONE: AS

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	63900.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	53900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3020.000
MEC6H5	<1.210
MG	3080.000
MIBK	<12.900
MXYLEN	<1.350
NA	215000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	431000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: ALLUVIUM	WELL	AQUIFER: DENVER
008	SCREENED INT.: 50.0- 70.0	02009	SCREENED INT.: 115.0-125.0
	BEDROCK DEPTH: 70.4		BEDROCK DEPTH: 70.4
	BEDROCK LITH.: SH		BEDROCK LITH.: SH
	SCREENED ZONE: ALLUVIUM		SCREENED ZONE: 2

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	72400.000	CA	4370.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	92100.000	CL	5300.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	5.730	CPMSO2	<2.240
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	0.080	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	<1220.000	FL	2640.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	2680.000	K	<520.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	15400.000	MG	<500.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	83500.000	NA	45900.000
NIT	41.400	NIT	62.600
OXAT	<1.350	OXAT	<1.350
PB	<18.600	PB	<18.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	57500.000	SO4	<10000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.1	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	<20.100	ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 02010
AQUIFER: DENVER
SCREENED INT.: 135.0-155.0
BEDROCK DEPTH: 70.4
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	3650.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	5970.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2170.000
HG	<0.359
ISODR	<0.056
K	<520.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	57400.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	<10000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 02011
AQUIFER: ALLUVIUM
SCREENED INT.: 35.0- 95.0
BEDROCK DEPTH: 99.0
BEDROCK LITH.: LG
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	120000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	79300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	11.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4110.000
MEC6H5	<1.210
MG	24600.000
MIBK	<12.900
MXYLEN	<1.350
NA	86700.000
NIT	7370.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	187000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

'ELL .012
AQUIFER: DENVER
SCREENED INT.: 128.0-133.0
BEDROCK DEPTH: 99.0
BEDROCK LITH.: LG
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	9350.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<4800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1900.000
HG	0.513
ISODR	<0.056
K	765.000
MEC6H5	<1.210
MG	517.000
MIBK	<12.900
MXYLEN	<1.350
NA	64700.000
NIT	50.100
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	<10000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 02014
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 45.0
BEDROCK DEPTH: 40.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	141000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	51.300
CL	405000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3210.000
MEC6H5	<1.210
MG	15900.000
MIBK	<12.900
MXYLEN	<1.350
NA	191000.000
NIT	6360.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	81200.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	34.400

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 02018
AQUIFER: DENVER
SCREENED INT.: 40.0- 55.0
BEDROCK DEPTH: 19.5
BEDROCK LITH.: SH
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	115000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	111000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1670.000
HG	<0.359
ISODR	<0.056
K	4570.000
MEC6H5	<1.210
MG	29500.000
MIBK	<12.900
MXYLEN	<1.350
NA	254000.000
NIT	7930.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	462000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	45.700

WELL 02019
AQUIFER: DENVER
SCREENED INT.: 80.0- 95.0
BEDROCK DEPTH: 19.5
BEDROCK LITH.: SH
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	330000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	119000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	15.800
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1510.000
HG	<0.359
ISODR	<0.056
K	5520.000
MEC6H5	<1.210
MG	31100.000
MIBK	<12.900
MXYLEN	<1.350
NA	636000.000
NIT	41.600
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1850000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 020
AQUIFER: ALLUVIUM
SCREENED INT.: 9.5- 40.0
BEDROCK DEPTH: 39.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	3.270
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	123000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	8.400
CL	326000.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.225
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	2650.000
MEC6H5	<1.210
MG	23900.000
MIBK	<12.000
MXYLEN	<1.350
NA	117000.000
NIT	195.000
OXAT	<1.350
PB	23.700
PPDDE	<0.046
PPDDT	<0.059
SO4	72500.000
T12DCE	1.350
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	83.500

WELL 02021
AQUIFER: DENVER
SCREENED INT.: 49.0- 84.0
BEDROCK DEPTH: 39.5
BEDROCK LITH.: SH
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	8.820
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	270000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	19.800
CL	779000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4200.000
MEC6H5	<1.210
MG	46800.000
MIBK	<12.000
MXYLEN	<1.351
NA	166000.000
NIT	231.000
OXAT	<1.35
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	540000.000
T12DCE	5.180
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 02025
AQUIFER: DENVER
SCREENED INT.: 90.0-105.0
BEDROCK DEPTH: 27.5
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	90800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	38500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.160
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2480.000
MEC6H5	<1.210
MG	7340.000
MIBK	<12.900
MXYLEN	<1.350
NA	397000.000
NIT	24.200
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	764000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	33.500

WELL 02030
AQUIFER: DENVER
SCREENED INT.: 53.0- 73.0
BEDROCK DEPTH: 7.0
BEDROCK LITH.: SH
SCREENED ZONE: AUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	1650000.000
CCL4	7.600
CD	<5.160
CH2CL2	<5.000
CHCL3	120.000
CL	7290000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	89.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	4490.000
HG	<0.359
ISODR	<0.056
K	15100.000
MEC6H5	<1.210
MG	467000.000
MIBK	<12.900
MXYLEN	<1.350
NA	902000.000
NIT	8740.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	315000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	39.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 2031
AQUIFER: DENVER
SCREENED INT.: 103.0-138.0
BEDROCK DEPTH: 7.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	208000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	1.710
CL	87700.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3070.000
MEC6H5	<1.210
MG	4520.000
MIBK	<12.900
MXYLEN	<1.350
NA	485000.000
NIT	331.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1330000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 02034
AQUIFER: ALLUVIUM
SCREENED INT.: 10.0- 20.0
BEDROCK DEPTH: 20.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	3.740
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	89300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	10.500
CL	124000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.490
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1590.000
HG	<0.359
ISODR	<0.056
K	3950.000
MEC6H5	<1.210
MG	20600.000
MIBK	<12.900
MXYLEN	<1.350
NA	161000.000
NIT	17100.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	198000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	3.790
XYLEN	<2.470
ZN	53.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 02035
AQUIFER: DENVER
SCREENED INT.: 31.0- 46.0
BEDROCK DEPTH: 20.3
BEDROCK LITH.: SH
SCREENED ZONE: AMU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	5.210
12DCLE	<2.990
ALDRN	<0.166
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	144000.000
CCL4	5.550
CD	<5.160
CH2CL2	<5.000
CHCL3	194.000
CL	372000.000
CL6CP	<0.166
CLC6H5	<0.580
CLDAN	<0.304
CPMS	4.090
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.110
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.120
ETC6H5	<1.280
FL	1700.000
HG	<0.359
ISODR	<0.112
K	3580.000
MEC6H5	<1.210
MG	29100.000
MIBK	<12.900
MXYLEN	<1.350
NA	288000.000
NIT	3200.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.092
PPDDT	<0.118
SO4	247000.000
T12DCE	<1.200
TCLEE	3.060
TRCLE	5.420
XYLEN	<2.470
ZN	32.000

WELL 02036
AQUIFER: DENVER
SCREENED INT.: 93.0-108.0
BEDROCK DEPTH: 20.3
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	47400.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	28500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	1600.000
MEC6H5	<1.210
MG	1770.000
MIBK	<12.900
MXYLEN	<1.350
NA	301000.000
NIT	108.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	628000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: ALLUVIUM	WELL	AQUIFER: DENVER
037	SCREENED INT.: 12.0- 22.0	02038	SCREENED INT.: 28.0- 43.0
	BEDROCK DEPTH: 17.0		BEDROCK DEPTH: 17.0
	BEDROCK LITH.: SH		BEDROCK LITH.: SH
	SCREENED ZONE: ALLUVIUM		SCREENED ZONE: AM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	87500.000	CA	90400.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	8.880
CL	109000.000	CL	245000.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	11.200	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	0.966	DLDRN	0.149
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	0.103	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	1970.000	FL	1550.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	3240.000	K	4160.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	19000.000	MG	23900.000
MIBK	<12.900	MIBK	<12.9[illegible]
MXYLEN	<1.350	MXYLEN	<1.35[illegible]
NA	117000.000	NA	259000.00[illegible]
NIT	5590.000	NIT	8410.00[illegible]
OXAT	<1.350	OXAT	<1.35[illegible]
PB	<18.600	PB	<18.60[illegible]
PPDDE	0.124	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	110000.000	SO4	253000.00[illegible]
T12DCE	<1.200	T12DCE	<1.20[illegible]
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	29.300	ZN	42.300

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 02039
AQUIFER: DENVER
SCREENED INT.: 76.0- 86.0
BEDROCK DEPTH: 17.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	83700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	37200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	2110.000
MEC6H5	<1.210
MG	10400.000
MIBK	<12.900
MXYLEN	<1.350
NA	390000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	477000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 02043
AQUIFER: DENVER
SCREENED INT.: 46.5- 61.5
BEDROCK DEPTH: 13.5
BEDROCK LITH.: VC
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	210000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	101000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	13.800
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1450.000
HG	<0.359
ISODR	<0.056
K	5520.000
MEC6H5	<1.210
MG	46900.000
MIBK	<12.900
MXYLEN	<1.350
NA	308000.000
NIT	10900.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	941000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 002	AQUIFER: ALLUVIUM	WELL 03003	AQUIFER: DENVER
	SCREENED INT.: 43.0-103.0		SCREENED INT.: 136.0-146.0
	BEDROCK DEPTH: 105.5		BEDROCK DEPTH: 105.5
	BEDROCK LITH.: SH		BEDROCK LITH.: SH
	SCREENED ZONE: ALLUVIUM		SCREENED ZONE: 3

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	67100.000	CA	64100.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	34700.000	CL	36400.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	<1200.000	FL	<1200.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	3740.000	K	3740.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	8450.000	MG	8120.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	38000.000	NA	37100.000
NIT	6970.000	NIT	4720.000
OXAT	<1.350	OXAT	<1.350
PB	<37.200	PB	<37.200
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	49000.000	SO4	50100.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	<40.200	ZN	104.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 03004
AQUIFER: DENVER
SCREENED INT.: 168.0-178.0
BEDROCK DEPTH: 105.5
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.907
ALDRN	<0.083
AS	8.070
BTZ	2.340
C6H6	<1.340
CA	8630.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<4800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3190.000
HG	<0.359
ISODR	<0.056
K	1950.000
MEC6H5	<1.210
MG	630.000
MIBK	<12.900
MXYLEN	<1.350
NA	74200.000
NIT	28.900
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	23800.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	52.200

WELL 03005
AQUIFER: ALLUVIUM
SCREENED INT.: 20.0- 70.0
BEDROCK DEPTH: 59.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	2.850
CL	184000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	<7.940
DBCP	0.417
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	2.940
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4340.000
MEC6H5	<1.210
MG	17400.000
MIBK	<12.900
MXYLEN	<1.350
NA	142000.000
NIT	4130.000
OXAT	<1.350
PB	<18.600
PPDDE	0.195
PPDDT	<0.059
SO4	111000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	274.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: DENVER	WELL	AQUIFER: ALLUVIUM
0006	SCREENED INT.: 110.0-120.0	03008	SCREENED INT.: 55.1- 65.1
	BEDROCK DEPTH: 59.0		BEDROCK DEPTH: 0.0
	BEDROCK LITH.: SS		BEDROCK LITH.:
	SCREENED ZONE: 2		SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	12600.000	CA	103000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	25500.000	CL	52800.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	<5.960	CR	8.730
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	1740.000	FL	<1220.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	1600.000	K	5520.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	<500.000	MG	19900.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	72600.000	NA	58700.000
NIT	527.000	NIT	16400.000
OXAT	<1.350	OXAT	<1.350
PB	<18.600	PB	<18.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	23700.000	SO4	107000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	<20.100	ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 03518
AQUIFER: ALLUVIUM
SCREENED INT.: 42.0- 52.0
BEDROCK DEPTH: 60.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	123000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	72800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	14.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4110.000
MEC6H5	<1.210
MG	24000.000
MIBK	<12.900
MXYLEN	<1.350
NA	82000.000
NIT	8610.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	173000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 03523
AQUIFER: ALLUVIUM
SCREENED INT.: 63.0- 73.0
BEDROCK DEPTH: 76.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	112000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	8.160
CL	69000.000
CL6CP	0.361
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	14.400
CU	<7.940
DBCP	45.400
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4750.000
MEC6H5	<1.210
MG	16000.000
MIBK	<12.900
MXYLEN	<1.350
NA	62900.000
NIT	7920.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	130000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<40.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 1007
AQUIFER: ALLUVIUM
SCREENED INT.: 39.2- 78.0
BEDROCK DEPTH: 78.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	168000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	113000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	14.000
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5570.000
MEC6H5	<1.210
MG	19400.000
MIBK	<12.900
MXYLEN	<1.350
NA	105000.000
NIT	8420.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	330000.000
T12DCE	3.600
TCLEE	<1.300
TRCLE	2.360
XYLEN	<2.470
ZN	48.200

WELL 04008
AQUIFER: DENVER
SCREENED INT.: 88.0- 98.0
BEDROCK DEPTH: 78.0
BEDROCK LITH.: SS
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	18700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	5730.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3400.000
HG	<0.359
ISODR	<0.056
K	957.000
MEC6H5	<1.210
MG	1220.000
MIBK	<12.900
MXYLEN	<1.350
NA	48700.000
NIT	2140.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	25800.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<40.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 04009
AQUIFER: DENVER
SCREENED INT.: 145.0-155.0
BEDROCK DEPTH: 78.0
BEDROCK LITH.: SS
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	22.200
BTZ	1.500
C6H6	3.050
CA	9440.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<4800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	13.700
FL	5640.000
HG	<0.359
ISODR	<0.056
K	3810.000
MEC6H5	5.200
MG	<500.000
MIBK	<12.900
MXYLEN	45.100
NA	74500.000
NIT	1330.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	17700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	53.400
ZN	30.100

WELL 04010
AQUIFER: ALLUVIUM
SCREENED INT.: 65.0- 90.0
BEDROCK DEPTH: 87.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	95300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	43300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	13.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4460.000
MEC6H5	<1.210
MG	12700.000
MIBK	<12.900
MXYLEN	<1.350
NA	47200.000
NIT	10200.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	87500.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	66.700

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: DENVER SCREENED INT.: 153.0-158.0 BEDROCK DEPTH: 87.0 BEDROCK LITH.: SS SCREENED ZONE: 5	WELL	AQUIFER: ALLUVIUM SCREENED INT.: 71.0- 81.0 BEDROCK DEPTH: 101.2 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM
011		04014	

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	12.600	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	12100.000	CA	134000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	<4800.000	CL	93300.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	<5.960	CR	12.100
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	15.900
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	7870.000	FL	<1200.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	1430.000	K	5650.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	<500.000	MG	15700.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	76700.000	NA	64500.000
NIT	3990.000	NIT	12000.000
OXAT	<1.350	OXAT	<1.350
PB	<37.200	PB	<18.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	14900.000	SO4	162000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<2.200	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	<40.200	ZN	36.600

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 04021
AQUIFER: ALLUVIUM
SCREENED INT.: 70.0- 80.0
BEDROCK DEPTH: 100.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	1.050
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	102000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	2.400
CL	66400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5380.000
MEC6H5	<1.210
MG	14500.000
MIBK	<12.900
MXYLEN	<1.350
NA	57800.000
NIT	9530.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	136000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	22.800
XYLEN	<2.470
ZN	105.000

WELL 04024
AQUIFER: ALLUVIUM
SCREENED INT.: 65.0- 75.0
BEDROCK DEPTH: 86.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.784
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	71500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	35900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	8.200
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3870.000
MEC6H5	<1.210
MG	8940.000
MIBK	<12.900
MXYLEN	<1.350
NA	50300.000
NIT	10900.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	77700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	47.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 027
AQUIFER: ALLUVIUM
SCREENED INT.: 69.0- 79.0
BEDROCK DEPTH: 99.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	82200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	13.000
CU	<7.940
DBCP	30.400
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5030.000
MEC6H5	<1.210
MG	18900.000
MIBK	<12.900
MXYLEN	<1.350
NA	62400.000
NIT	8890.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	147000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 04030
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 103.3
BEDROCK LITH.: LG
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	94500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	49700.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	14.000
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4270.000
MEC6H5	<1.210
MG	16200.000
MIBK	<12.900
MXYLEN	<1.350
NA	63000.000
NIT	12200.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	108000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	119.000
XYLEN	<2.470
ZN	102.000

WELL 04038
AQUIFER: ALLUVIUM
SCREENED INT.: 64.9- 84.9
BEDROCK DEPTH: 87.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	27.000
112TCE	<1.000
11DCE	8.330
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	122000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	74200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4490.000
MEC6H5	<1.210
MG	13000.000
MIBK	<12.900
MXYLEN	<1.350
NA	56900.000
NIT	8780.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	181000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	26.300
XYLEN	<2.470
ZN	33.900

WELL 04041
AQUIFER: ALLUVIUM
SCREENED INT.: 50.7- 70.7
BEDROCK DEPTH: 73.8
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	14.500
112TCE	<1.000
11DCE	5.820
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	69000.000
CL6CP	<0.083
CLC6H5	1.700
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	10.700
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4270.000
MEC6H5	<1.210
MG	13300.000
MIBK	<12.900
MXYLEN	<1.350
NA	49000.000
NIT	9370.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	132000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	21.300
XYLEN	<2.470
ZN	58.100

WRTP WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 042
AQUIFER: ALLUVIUM
SCREENED INT.: 78.5- 93.5
BEDROCK DEPTH: 94.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	194000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	185000.000
CL6CP	<0.083
CLC6H5	1.820
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	6570.000
MEC6H5	<1.210
MG	18600.000
MIBK	<12.900
MXYLEN	<1.350
NA	136000.000
NIT	5970.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	364000.000
T12DCE	1.900
TCLEE	4.410
TRCLE	3.620
XYLEN	<2.470
ZN	31.600

WELL 04044
AQUIFER: ALLUVIUM
SCREENED INT.: 49.0- 69.0
BEDROCK DEPTH: 69.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	187000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	164000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	9.510
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	6850.000
MEC6H5	<1.210
MG	18900.000
MIBK	<12.900
MXYLEN	<1.35
NA	126000.00
NIT	5750.00
OXAT	<1.35
PB	<37.20
PPDDE	<0.04
PPDDT	<0.05
SO4	355000.00
T12DCE	1.85
TCLEE	4.59
TRCLE	4.24
XYLEN	<2.470
ZN	<40.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 04045
AQUIFER: ALLUVIUM
SCREENED INT.: 88.0-108.0
BEDROCK DEPTH: 108.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	199000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	153000.000
CL6CP	<0.083
CLC6H5	1.080
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	12.600
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5870.000
MEC6H5	<1.210
MG	17600.000
MIBK	<12.900
MXYLEN	<1.350
NA	128000.000
NIT	5820.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	352000.00
T12DCE	2.340
TCLEE	4.760
TRCLE	4.850
XYLEN	<2.470
ZN	30.200

WELL 05001
AQUIFER: DENVER
SCREENED INT.: 22.8- 28.8
BEDROCK DEPTH: 6.4
BEDROCK LITH.: ST
SCREENED ZONE: B

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	331000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	158000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	15.700
CU	9.740
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2020.000
HG	<0.359
ISODR	<0.056
K	8660.000
MEC6H5	<1.210
MG	38600.000
MIBK	<12.900
MXYLEN	<1.350
NA	313000.000
NIT	51500.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1170000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	73.900

WELL 002
AQUIFER: ALLUVIUM
SCREENED INT.: 25.7- 32.7
BEDROCK DEPTH: 32.7
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	54700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	25700.000
CL6CP	<0.083
CLC6H5	1.390
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1310.000
HG	<0.359
ISODR	<0.056
K	3020.000
MEC6H5	<1.210
MG	11400.000
MIBK	<12.900
MXYLEN	<1.350
NA	79100.000
NIT	6900.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	79800.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	40.900

WELL 06003
AQUIFER: ALLUVIUM
SCREENED INT.: 9.0- 19.0
BEDROCK DEPTH: 21.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	77600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	73100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	7.300
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4010.000
MEC6H5	<1.210
MG	27200.000
MIBK	<12.900
MXYLEN	<1.350
NA	106000.000
NIT	2500.000
OXAT	<1.35
PB	<18.60
PPDDE	<0.046
PPDDT	<0.059
SO4	220000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.10
XYLEN	<2.470
ZN	111.000

WELL 06004
AQUIFER: DENVER
SCREENED INT.: 58.0- 63.0
BEDROCK DEPTH: 21.0
BEDROCK LITH.: ST
SCREENED ZONE: A SH

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	2.570
BTZ	<1.140
C6H6	<1.340
CA	67000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	12000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2860.000
MEC6H5	<1.210
MG	5430.000
MIBK	<12.900
MXYLEN	<1.350
NA	105000.000
NIT	70.200
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	319000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 06005
AQUIFER: DENVER
SCREENED INT.: 83.0- 93.0
BEDROCK DEPTH: 21.0
BEDROCK LITH.: ST
SCREENED ZONE: AL LG

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	15900.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	13600.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	963.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	109000.000
NIT	20.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	146000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 001		WELL 07004	
AQUIFER: ALLUVIUM		AQUIFER: DENVER	
SCREENED INT.: 16.8- 21.8		SCREENED INT.: 44.0- 59.0	
BEDROCK DEPTH: 21.3		BEDROCK DEPTH: 22.0	
BEDROCK LITH.: SH		BEDROCK LITH.: SH	
SCREENED ZONE: ALLUVIUM		SCREENED ZONE: B	
COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	.
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	413000.000	CA	.
CCL4	<2.400	CCL4	<2.400
CD	11.500	CD	.
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	39500.000	CL	.
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	1.870	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	37.400	CR	.
CU	29.600	CU	.
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	.
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	.
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	2650.000	FL	.
HG	<0.359	HG	.
ISODR	<0.056	ISODR	<0.056
K	4920.000	K	.
MEC6H5	<1.210	MEC6H5	<1.210
MG	26600.000	MG	.
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	363000.000	NA	.
NIT	726.000	NIT	.
OXAT	<1.350	OXAT	<1.350
PB	24.200	PB	.
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	295000.000	SO4	.
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	96.900	ZN	.

WELL 08003
AQUIFER: ALLUVIUM
SCREENED INT.: 9.0- 29.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.636
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	76100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	50600.000
CL6CP	<0.083
CLC6H5	0.737
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	11.000
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3020.000
MEC6H5	<1.210
MG	20100.000
MIBK	<12.900
MXYLEN	<1.350
NA	78200.000
NIT	> 20000.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	77600.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 08005
AQUIFER: DENVER
SCREENED INT.: 148.0-208.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SS
SCREENED ZONE: AL LG

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	2.570
BTZ	<1.140
C6H6	<1.340
CA	4740.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	23100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1210.000
HG	<0.359
ISODR	<0.056
K	659.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	92900.000
NIT	12.200
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	17100.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	41.900

WELL 002
AQUIFER: ALLUVIUM
SCREENED INT.: 64.0- 84.0
BEDROCK DEPTH: 84.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	170000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	94200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	13.300
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	6220.000
MEC6H5	<1.210
MG	19600.000
MIBK	<12.900
MXYLEN	<1.350
NA	107000.000
NIT	8430.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	335000.000
T12DCE	<1.200
TCLEE	1.590
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 09003
AQUIFER: DENVER
SCREENED INT.: 104.0-129.0
BEDROCK DEPTH: 84.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	21600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	5890.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1450.000
HG	<0.359
ISODR	<0.056
K	1040.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	59600.000
NIT	.
OXAT	<1.35
PB	<18.6
PPDDE	<0.046
PPDDT	<0.059
SO4	59300.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	21.600

WELL 09005
AQUIFER: ALLUVIUM
SCREENED INT.: 51.5- 77.0
BEDROCK DEPTH: 78.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	187000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	115000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	12.300
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5870.000
MEC6H5	<1.210
MG	16800.000
MIBK	<12.900
MXYLEN	<1.350
NA	124000.000
NIT	11600.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	330000.000
T12DCE	8.990
TCLEE	1.870
TRCLE	5.860
XYLEN	<2.470
ZN	28.500

WELL 09006
AQUIFER: ALLUVIUM
SCREENED INT.: 41.8- 67.3
BEDROCK DEPTH: 68.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	173000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	137000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	11.600
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4090.000
MEC6H5	<1.210
MG	17600.000
MIBK	<12.900
MXYLEN	<1.350
NA	73300.000
NIT	3510.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	264000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	39.100

WELL 008

AQUIFER: ALLUVIUM
SCREENED INT.: 60.8- 75.8
BEDROCK DEPTH: 76.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	8.180
112TCE	<1.000
11DCE	2.960
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	130000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	85900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4750.000
MEC6H5	<1.210
MG	11100.000
MIBK	<12.900
MXYLEN	<1.350
NA	51600.000
NIT	9820.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	142000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	17.400
XYLEN	<2.470
ZN	<40.200

WELL 09010

AQUIFER: ALLUVIUM
SCREENED INT.: 64.0- 84.0
BEDROCK DEPTH: 85.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	88700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	44700.000
CL6CP	<0.083
CLC6H5	0.659
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3280.000
MEC6H5	<1.210
MG	10100.000
MIBK	<12.900
MXYLEN	<1.35
NA	48300.000
NIT	6870.000
OXAT	<1.35
PB	<37.20
PPDDE	<0.046
PPDDT	<0.059
SO4	84500.000
T12DCE	<1.20
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<40.200

WELL 09011
AQUIFER: ALLUVIUM
SCREENED INT.: 75.0- 90.0
BEDROCK DEPTH: 90.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	73.000
112TCE	<1.000
11DCE	24.200
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	129000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	79500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	6.140
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4750.000
MEC6H5	<1.210
MG	11200.000
MIBK	<12.900
MXYLEN	<1.350
NA	61500.000
NIT	8690.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	168000.000
T12DCE	1.600
TCLEE	<1.300
TRCLE	36.300
XYLEN	<2.470
ZN	<40.200

WELL 09013
AQUIFER: ALLUVIUM
SCREENED INT.: 55.0- 75.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	85.200
112TCE	<1.000
11DCE	28.700
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	137000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	87300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	8.770
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5300.000
MEC6H5	<1.210
MG	12200.000
MIBK	<12.900
MXYLEN	<1.350
NA	60300.000
NIT	9030.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	161000.000
T12DCE	2.570
TCLEE	<1.300
TRCLE	41.500
XYLEN	<2.470
ZN	<40.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 002
AQUIFER: ALLUVIUM
SCREENED INT.: 20.0- 65.0
BEDROCK DEPTH: 65.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	47600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	34000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1350.000
HG	<0.359
ISODR	<0.056
K	3320.000
MEC6H5	<1.210
MG	7280.000
MIBK	<12.900
MXYLEN	<1.350
NA	25400.000
NIT	3730.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	22200.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	61.600

WELL 11004
AQUIFER: DENVER
SCREENED INT.: 97.0-103.0
BEDROCK DEPTH: 65.0
BEDROCK LITH.: SH
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	8670.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	5520.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1750.000
HG	<0.359
ISODR	<0.056
K	659.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.35[illegible]
NA	58400.00[illegible]
NIT	32.8[illegible]
OXAT	<1.35[illegible]
PB	<18.6[illegible]
PPDDE	<0.046
PPDDT	<0.059
SO4	12100.00[illegible]
T12DCE	<1.20[illegible]
TCLEE	<1.30[illegible]
TRCLE	<1.10[illegible]
XYLEN	<2.47[illegible]
ZN	<20.10[illegible]

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 12002
AQUIFER: ALLUVIUM
SCREENED INT.: 19.0- 44.0
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	95900.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	102000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	17.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4540.000
MEC6H5	<1.210
MG	19300.000
MIBK	<12.900
MXYLEN	<1.350
NA	82900.000
NIT	3810.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	149000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	29.500

WELL 12003
AQUIFER: DENVER
SCREENED INT.: 60.0- 70.0
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SH
SCREENED ZONE: B

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	57100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	32800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	1880.000
MEC6H5	<1.210
MG	8130.000
MIBK	<12.900
MXYLEN	<1.350
NA	43000.000
NIT	4080.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	47900.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	28.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 004
AQUIFER: DENVER
SCREENED INT.: 109.5-124.5
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SH
SCREENED ZONE: AU

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	16100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	7630.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	818.000
MEC6H5	<1.210
MG	548.000
MIBK	<12.900
MXYLEN	<1.350
NA	87000.000
NIT	<100.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	85300.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 19001
AQUIFER: ALLUVIUM
SCREENED INT.: 23.6- 39.6
BEDROCK DEPTH: 25.1
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	158000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	147000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	17.900
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1310.000
HG	<0.359
ISODR	<0.056
K	2710.000
MEC6H5	<1.210
MG	46400.000
MIBK	<12.900
MXYLEN	<1.35[illegible]
NA	202000.[illegible]
NIT	176.[illegible]
OXAT	<1.35[illegible]
PB	<18.6[illegible]
PPDDE	<0.04[illegible]
PPDDT	<0.05[illegible]
SO4	570000.[illegible]
T12DCE	<1.2[illegible]
TCLEE	<1.3[illegible]
TRCLE	<1.1[illegible]
XYLEN	<2.47[illegible]
ZN	<20.10[illegible]

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 19003
AQUIFER: DENVER
SCREENED INT.: 13.0- 21.0
BEDROCK DEPTH: 5.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	304000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	173000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	43.200
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	8.920
DMDS	<1.160
DMMP	<15.200
ENDRN	0.198
ETC6H5	<1.280
FL	2340.000
HG	<0.359
ISODR	<0.056
K	4840.000
MEC6H5	<1.210
MG	89300.000
MIBK	<12.900
MXYLEN	<1.350
NA	442000.000
NIT	3210.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1800000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	59.600

WELL 19015
AQUIFER: DENVER
SCREENED INT.: 55.0- 75.0
BEDROCK DEPTH: 39.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	124000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	83300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	12.500
CU	16.700
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4620.000
MEC6H5	<1.210
MG	26500.000
MIBK	<12.900
MXYLEN	<1.350
NA	495000.000
NIT	137.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	987000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 017
AQUIFER: DENVER
SCREENED INT.: 27.0- 47.0
BEDROCK DEPTH: 13.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	76300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	44200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	13.300
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	10900.000
MEC6H5	<1.210
MG	19500.000
MIBK	<12.900
MXYLEN	<1.350
NA	146000.000
NIT	22800.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	194000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	304.000

WELL 22005
AQUIFER: ALLUVIUM
SCREENED INT.: 37.0- 43.5
BEDROCK DEPTH: 43.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	16.500
CL	286000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	.
DITH	.
DLDRN	0.087
DMDS	.
DMMP	.
ENDRN	<0.060
ETC6H5	<0.620
FL	1930.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	156000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 22006
AQUIFER: ALLUVIUM
SCREENED INT.: 18.5- 22.5
BEDROCK DEPTH: 22.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	152000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	112000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	15.500
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	4130.000
HG	<0.359
ISODR	<0.056
K	5550.000
MEC6H5	<1.210
MG	43500.000
MIBK	<12.900
MXYLEN	<1.350
NA	463000.000
NIT	3000.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1270000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 22008
AQUIFER: ALLUVIUM
SCREENED INT.: 45.0- 63.3
BEDROCK DEPTH: 63.2
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	9.370
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	20.400
CL	736000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.344
DCPD	<9.310
DIMP	58.300
DITH	.
DLDRN	0.654
DMDS	.
DMMP	<15.200
ENDRN	0.294
ETC6H5	<0.620
FL	2980.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	407000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	2.620
XYLEN	<1.340
ZN	.

WELL 011
AQUIFER: ALLUVIUM
SCREENED INT.: 38.5- 42.5
BEDROCK DEPTH: 42.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	5.830
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	402000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.100
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3220.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	321000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 22015
AQUIFER: ALLUVIUM
SCREENED INT.: 41.0- 51.0
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.270
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	28.100
CL	460000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.147
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.235
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2940.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.9[illegible]
MXYLEN	<1.04[illegible]
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	232000.0[illegible]
T12DCE	<1.75[illegible]
TCLEE	<2.76[illegible]
TRCLE	1.94[illegible]
XYLEN	<1.340
ZN	.

WELL 22016
AQUIFER: ALLUVIUM
SCREENED INT.: 37.0- 47.0
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.930
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	30.200
CL	353000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	12.000
DITH	.
DLDRN	0.192
DMDS	.
DMMP	<15.200
ENDRN	0.112
ETC6H5	<0.620
FL	2100.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	194000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	2.170
XYLEN	<1.340
ZN	.

WELL 22017
AQUIFER: ALLUVIUM
SCREENED INT.: 42.0- 52.0
BEDROCK DEPTH: 52.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.370
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	34.200
CL	430000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.272
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2220.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	231000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 018
AQUIFER: ALLUVIUM
SCREENED INT.: 30.5- 40.5
BEDROCK DEPTH: 40.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	10.300
CL	312000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1900.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	168000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 22019
AQUIFER: ALLUVIUM
SCREENED INT.: 42.0- 52.0
BEDROCK DEPTH: 52.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	11.000
CL	315000.000
CL6CP	0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1820.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	171000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 22021

AQUIFER: ALLUVIUM
SCREENED INT.: 38.1- 47.1
BEDROCK DEPTH: 57.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	122000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	13.100
CL	387000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1230.000
HG	<0.359
ISODR	<0.056
K	5380.000
MEC6H5	<1.210
MG	34500.000
MIBK	<12.900
MXYLEN	<1.350
NA	197000.000
NIT	3720.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2520000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	33.500

WELL 22023

AQUIFER: DENVER
SCREENED INT.: 70.0- 80.0
BEDROCK DEPTH: 57.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	4.240
BTZ	<1.140
C6H6	<1.340
CA	51500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	104000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	1740.000
MEC6H5	<1.210
MG	5640.000
MIBK	<12.900
MXYLEN	<1.350
NA	72400.000
NIT	108.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	62400.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

'ELL 024
AQUIFER: DENVER
SCREENED INT.: 95.0-105.0
BEDROCK DEPTH: 57.0
BEDROCK LITH.: SH
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	4.940
BTZ	<1.140
C6H6	<1.340
CA	50000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	14600.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	12.500
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2480.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	98500.000
NIT	201.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	83700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	45.600

WELL 22027
AQUIFER: DENVER
SCREENED INT.: 65.0- 75.0
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	9.040
CA	460000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	346000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	26.000
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1900.000
HG	<0.359
ISODR	<0.056
K	10100.000
MEC6H5	<1.210
MG	38500.000
MIBK	<12.900
MXYLEN	<1.350
NA	838000.000
NIT	379.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1990000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	41.200

WELL 22028
AQUIFER: DENVER
SCREENED INT.: 100.0-115.0
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	273000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	643000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	6.620
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1740.000
HG	<0.359
ISODR	<0.056
K	5050.000
MEC6H5	<1.210
MG	9740.000
MIBK	<12.900
MXYLEN	<1.350
NA	737000.000
NIT	224.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1550000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 22030
AQUIFER: DENVER
SCREENED INT.: 100.0-110.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	122000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	444000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	14.400
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1290.000
HG	<0.359
ISODR	<0.056
K	2570.000
MEC6H5	<1.210
MG	5200.000
MIBK	<12.900
MXYLEN	<1.350
NA	520000.000
NIT	51.600
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	773000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 031

AQUIFER: DENVER
SCREENED INT.: 124.0-134.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	76200.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	455000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2010.000
MEC6H5	<1.210
MG	1070.000
MIBK	<12.900
MXYLEN	<1.350
NA	444000.000
NIT	34.400
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	476000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	113.000

WELL 22033

AQUIFER: ALLUVIUM
SCREENED INT.: 31.5- 55.5
BEDROCK DEPTH: 55.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	16.200
CL	295000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1680.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.041
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	153000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 22043

AQUIFER: ALLUVIUM
SCREENED INT.: 34.5- 57.5
BEDROCK DEPTH: 57.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	40.400
CL	323000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.147
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1640.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	140000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.790
XYLEN	<1.340
ZN	.

WELL 22044

AQUIFER: ALLUVIUM
SCREENED INT.: 27.5- 32.5
BEDROCK DEPTH: 32.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.720
BTZ	.
C6H6	7.420
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	743000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.159
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3750.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	403000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

'ELL
049

AQUIFER: ALLUVIUM
SCREENED INT.: 25.3- 35.3
BEDROCK DEPTH: 35.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	.
AS	.
BTZ	.
C6H6	<1.340
CA	.
CCL4	<2.400
CD	.
CH2CL2	<5.000
CHCL3	<1.400
CL	.
CL6CP	.
CLC6H5	<0.580
CLDAN	.
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<21.600
DIMP	13.600
DITH	.
DLDRN	.
DMDS	.
DMMP	<15.200
ENDRN	.
ETC6H5	<1.280
FL	.
HG	.
ISODR	.
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	.
PPDDT	.
SO4	.
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	.

WELL
22051

AQUIFER: ALLUVIUM
SCREENED INT.: 25.2- 45.2
BEDROCK DEPTH: 45.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	5.820
BTZ	<1.140
C6H6	<1.340
CA	135000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	738000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	11.600
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.377
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2270.000
HG	<0.359
ISODR	<0.056
K	6810.000
MEC6H5	<1.210
MG	31100.000
MIBK	<12.900
MXYLEN	<1.35
NA	444000.000
NIT	19700.000
OXAT	<1.35
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	295000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	45.300

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 22053
AQUIFER: ALLUVIUM
SCREENED INT.: 30.0- 50.0
BEDROCK DEPTH: 46.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	7.660
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	15.300
CL	757000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.279
DCPD	<9.310
DIMP	24.800
DITH	.
DLDRN	0.419
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3030.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	430000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.680
XYLEN	<1.340
ZN	.

WELL 22059
AQUIFER: ALLUVIUM
SCREENED INT.: 42.7- 52.7
BEDROCK DEPTH: 53.4
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	324000.000
CCL4	<2.400
CD	7.070
CH2CL2	<5.000
CHCL3	26.700
CL	615000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	2.160
CPMSO2	<2.240
CR	649.000
CU	589.000
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.188
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2170.000
HG	<0.359
ISODR	<0.056
K	2060.000
MEC6H5	<1.210
MG	197000.000
MIBK	<12.900
MXYLEN	<1.350
NA	383000.000
NIT	5000.000
OXAT	<1.350
PB	75.300
PPDDE	<0.046
PPDDT	<0.059
SO4	252000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	2210.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 065
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	15.900
CL	322000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1780.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	174000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23004
AQUIFER: ALLUVIUM
SCREENED INT.: 15.0- 27.0
BEDROCK DEPTH: 31.9
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<170.000
112TCE	<100.000
11DCE	<110.000
11DCLE	<120.000
12DCLE	<61.000
ALDRN	<0.415
AS	4.980
BTZ	<1.140
C6H6	<134.000
CA	623000.000
CCL4	<240.000
CD	<5.160
CH2CL2	<500.000
CHCL3	7330.000
CL	2650000.000
CL6CP	<0.415
CLC6H5	<58.000
CLDAN	<0.760
CPMS	<1.080
CPMSO	<1.980
CPMSO2	10.600
CR	59.800
CU	18.400
DBCP	1.420
DCPD	414.000
DIMP	1590.000
DITH	10.800
DLDRN	3.480
DMDS	<1.160
DMMP	<15.200
ENDRN	0.512
ETC6H5	<128.000
FL	4430.000
HG	<0.359
ISODR	<0.280
K	12600.000
MEC6H5	<121.000
MG	279000.000
MIBK	<12.900
MXYLEN	<135.000
NA	838000.000
NIT	14.400
OXAT	2.910
PB	<18.600
PPDDE	<0.230
PPDDT	<0.295
SO4	832000.000
T12DCE	<120.000
TCLEE	<130.000
TRCLE	<110.000
XYLEN	247.000
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23007
AQUIFER: ALLUVIUM
SCREENED INT.: 31.8- 41.8
BEDROCK DEPTH: 41.4
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	6.060
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	208.000
CL	342000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	2.280
CPMSO	61.600
CPMSO2	4.790
CR	.
CU	.
DBCP	2.170
DCPD	<9.310
DIMP	197.000
DITH	<1.590
DLDRN	0.995
DMDS	<1.160
DMMP	<15.200
ENDRN	0.870
ETC6H5	<0.620
FL	1960.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	402000.000
T12DCE	<1.750
TCLEE	10.600
TRCLE	1.330
XYLEN	<1.340
ZN	.

WELL 23008
AQUIFER: ALLUVIUM
SCREENED INT.: 34.7- 44.7
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	2.870
CL	273000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.090
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2850.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	3500000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 009
AQUIFER: ALLUVIUM
SCREENED INT.: 17.8- 22.8
BEDROCK DEPTH: 23.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.080
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	247000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	15.800
CR	.
CU	.
DBCP	<0.130
DCPD	11.200
DIMP	210.000
DITH	16.900
DLDRN	0.573
DMDS	<1.160
DMMP	<15.200
ENDRN	0.248
ETC6H5	<0.620
FL	3560.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	3.690
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	226000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23010
AQUIFER: ALLUVIUM
SCREENED INT.: 16.0- 19.0
BEDROCK DEPTH: 19.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.080
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	289000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	15.900
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	1370.000
DITH	7.900
DLDRN	0.105
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	4220.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	2.500
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	379000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23011
AQUIFER: ALLUVIUM
SCREENED INT.: 19.5- 22.5
BEDROCK DEPTH: 22.5
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.720
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	599000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	3.220
CPMSO2	14.100
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	558.000
DITH	8.060
DLDRN	0.256
DMDS	<1.160
DMMP	<15.200
ENDRN	0.200
ETC6H5	<0.620
FL	3100.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	3.080
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	231000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23029
AQUIFER: ALLUVIUM
SCREENED INT.: 13.2- 23.2
BEDROCK DEPTH: 23.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	.
112TCE	.
11DCE	.
11DCLE	.
12DCLE	.
ALDRN	<0.083
AS	<2.500
BTZ	1.410
C6H6	.
CA	51300.000
CCL4	.
CD	<5.160
CH2CL2	.
CHCL3	.
CL	267000.000
CL6CP	<0.083
CLC6H5	.
CLDAN	<0.152
CPMS	30.100
CPMSO	12.700
CPMSO2	310.000
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	420.000
DITH	55.000
DLDRN	0.670
DMDS	8.470
DMMP	<15.200
ENDRN	0.421
ETC6H5	.
FL	3470.000
HG	<0.359
ISODR	<0.056
K	3620.000
MEC6H5	.
MG	20000.000
MIBK	<12.900
MXYLEN	.
NA	294000.000
NIT	179.000
OXAT	13.100
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	221000.000
T12DCE	.
TCLEE	.
TRCLE	.
XYLEN	.
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 033
AQUIFER: ALLUVIUM
SCREENED INT.: 23.7- 28.7
BEDROCK DEPTH: 29.
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.010
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	1320000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	161.000
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	681.000
DITH	32.300
DLDRN	0.188
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3630.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	7.460
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	410000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	2.310
XYLEN	<1.340
ZN	.

WELL 23043
AQUIFER: ALLUVIUM
SCREENED INT.: 16.7- 20.7
BEDROCK DEPTH: 23.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	238000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	34.000
CPMSO2	3.360
CR	.
CU	.
DBCP	0.270
DCPD	40.800
DIMP	15.000
DITH	<1.590
DLDRN	0.449
DMDS	<1.160
DMMP	<15.200
ENDRN	0.274
ETC6H5	<0.620
FL	2530.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	427000.000
T12DCE	<1.750
TCLEE	5.720
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23047
AQUIFER: ALLUVIUM
SCREENED INT.: 21.9- 25.9
BEDROCK DEPTH: 25.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	3.470
CL	348000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	3.770
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	69.900
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2730.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	857000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23049
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 42.4
BEDROCK DEPTH: 45.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<34.000
112TCE	<20.000
11DCE	<22.000
11DCLE	<24.000
12DCLE	143.000
ALDRN	<1.400
AS	45.200
BTZ	<2.000
C6H6	<26.800
CA	113000.000
CCL4	<48.000
CD	<5.160
CH2CL2	<100.000
CHCL3	10800.000
CL	5200000.000
CL6CP	<1.400
CLC6H5	<11.600
CLDAN	.
CPMS	<28.100
CPMSO	<4.200
CPMSO2	478.000
CR	<5.960
CU	<7.940
DBCP	0.275
DCPD	1200.000
DIMP	474.000
DITH	92.900
DLDRN	<1.200
DMDS	<1.800
DMMP	<76.000
ENDRN	<1.040
ETC6H5	<25.600
FL	<12200.000
HG	<0.480
ISODR	<1.200
K	33200.000
MEC6H5	<24.200
MG	178000.000
MIBK	<12.900
MXYLEN	<27.000
NA	2990000.000
NIT	310.000
OXAT	19.800
PB	<18.600
PPDDE	<1.060
PPDDT	<1.400
SO4	1350000.000
T12DCE	<24.000
TCLEE	43.100
TRCLE	<110.000
XYLEN	<49.400
ZN	34.700

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 050
AQUIFER: ALLUVIUM
SCREENED INT.: 46.4- 50.4
BEDROCK DEPTH: 48.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.100
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	1320000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	7.020
CPMSO2	145.000
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	1270.000
DITH	23.100
DLDRN	0.210
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	4040.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	6.390
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	412000.000
T12DCE	1.750
TCLEE	2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23052
AQUIFER: ALLUVIUM
SCREENED INT.: 35.6- 39.6
BEDROCK DEPTH: 39.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	80.100
ALDRN	<0.083
AS	9.150
BTZ	12.800
C6H6	11.200
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	> 5930.000
CL	5910000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	125.000
CPMSO	<1.980
CPMSO2	647.000
CR	.
CU	.
DBCP	0.306
DCPD	264.000
DIMP	1510.000
DITH	74.300
DLDRN	1.110
DMDS	7.410
DMMP	<15.200
ENDRN	0.989
ETC6H5	<0.620
FL	13400.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	19.[illegible]
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1940000.000
T12DCE	<1.750
TCLEE	34.300
TRCLE	13.500
XYLEN	1.490
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23053
AQUIFER: DENVER
SCREENED INT.: 43.1- 47.1
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SH
SCREENED ZONE: 2 SH

COMPOUND	CONCENTRATION
111TCE	<85.000
112TCE	<1.000
11DCE	<1.100
11DCLE	2.110
12DCLE	<61.000
ALDRN	<0.083
AS	9.080
BTZ	5.010
C6H6	19.600
CA	1040000.000
CCL4	<120.000
CD	<5.160
CH2CL2	58.900
CHCL3	16500.000
CL	4750000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	94.300
CPMSO	<1.980
CPMSO2	520.000
CR	<5.960
CU	16.800
DBCP	1.690
DCPD	256.000
DIMP	1660.000
DITH	<79.500
DLDRN	> 2.060
DMDS	28.500
DMMP	156.000
ENDRN	1.220
ETC6H5	1.340
FL	7500.000
HG	<0.359
ISODR	<0.056
K	14500.000
MEC6H5	1.460
MG	449000.000
MIBK	<129.000
MXYLEN	<1.350
NA	1460000.000
NIT	<10.000
OXAT	17.200
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1280000.000
T12DCE	<1.200
TCLEE	37.900
TRCLE	7.650
XYLEN	<2.470
ZN	<20.100

WELL 23057
AQUIFER: ALLUVIUM
SCREENED INT.: 41.6- 45.6
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	.930
12DCLE	6.150
ALDRN	<0.083
AS	6.430
BTZ	1.770
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	198.000
CL	1980000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	12.700
CPMSO	19.600
CPMSO2	16.800
CR	.
CU	.
DBCP	<0.130
DCPD	165.000
DIMP	3070.000
DITH	33.000
DLDRN	0.478
DMDS	<1.160
DMMP	<15.200
ENDRN	0.321
ETC6H5	<0.620
FL	4440.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	12.100
PB	.
PPDDE	0.102
PPDDT	<0.059
SO4	521000.000
T12DCE	<1.750
TCLEE	38.400
TRCLE	4.640
XYLEN	<1.340
ZN	.

WELL 058
AQUIFER: ALLUVIUM
SCREENED INT.: 39.1- 43.1
BEDROCK DEPTH: 41.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.117
AS	.
BTZ	<1.140
C6H6	<1.340
CA	.
CCL4	<2.400
CD	.
CH2CL2	<5.000
CHCL3	<1.400
CL	.
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<21.600
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	.
HG	.
ISODR	<0.056
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	.
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	.

WELL 23085
AQUIFER: ALLUVIUM
SCREENED INT.: 23.6- 27.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.780
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	370000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	4.940
CPMSO2	9.440
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	387.000
DITH	12.300
DLDRN	0.178
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	3310.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	3.81
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	185000.000
T12DCE	<1.75
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.34
ZN	.

WELL 23095
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 48.3
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<10.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	26.600
ALDRN	<0.700
AS	18.000
BTZ	<2.000
C6H6	<13.400
CA	345000.000
CCL4	<24.000
CD	<5.160
CH2CL2	<5.000
CHCL3	997.000
CL	5580000.000
CL6CP	<0.700
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	430.000
CR	15.200
CU	<7.940
DBCP	<0.130
DCPD	681.000
DIMP	788.000
DITH	66.300
DLDRN	<0.600
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.520
ETC6H5	<1.280
FL	9690.000
HG	<0.480
ISODR	<0.600
K	48200.000
MEC6H5	8.110
MG	209000.000
MIBK	<12.900
MXYLEN	<1.350
NA	3320000.000
NIT	40.300
OXAT	11.700
PB	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	1520000.000
T12DCE	<1.200
TCLEE	28.500
TRCLE	<110.000
XYLEN	<2.470
ZN	38.700

WELL 23096
AQUIFER: ALLUVIUM
SCREENED INT.: 27.0- 37.0
BEDROCK DEPTH: 37.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	2.960
CD	.
CH2CL2	.
CHCL3	1560.000
CL	309000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	1.710
CPMSO	48.500
CPMSO2	<2.240
CR	.
CU	.
DBCP	4.590
DCPD	<9.310
DIMP	142.000
DITH	<1.590
DLDRN	1.090
DMDS	<1.160
DMMP	<30.400
ENDRN	1.330
ETC6H5	<0.620
FL	2700.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	412000.000
T12DCE	<1.750
TCLEE	32.900
TRCLE	1.790
XYLEN	<1.340
ZN	.

WELL 102
AQUIFER: ALLUVIUM
SCREENED INT.: 32.7- 36.1
BEDROCK DEPTH: 36.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	28.700
ALDRN	<0.083
AS	5.510
BTZ	4.300
C6H6	9.970
CA	.
CCL4	<1.690
CD	.
CH2CL2	17.500
CHCL3	3830.000
CL	2090000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	37.000
CPMSO	14.500
CPMSO2	122.000
CR	.
CU	.
DBCP	0.432
DCPD	272.000
DIMP	2660.000
DITH	67.400
DLDRN	0.639
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	4980.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	19.300
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	566000.000
T12DCE	<1.750
TCLEE	58.300
TRCLE	9.120
XYLEN	<1.340
ZN	.

WELL 23106
AQUIFER: DENVER
SCREENED INT.: 34.4- 37.8
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: 2 SH

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	47.800
ALDRN	<0.415
AS	4.590
BTZ	6.620
C6H6	7.470
CA	.
CCL4	<1.690
CD	.
CH2CL2	11.700
CHCL3	8760.000
CL	1900000.000
CL6CP	<0.415
CLC6H5	<1.360
CLDAN	<0.760
CPMS	49.200
CPMSO	91.300
CPMSO2	111.000
CR	.
CU	.
DBCP	5.570
DCPD	161.000
DIMP	1900.000
DITH	34.800
DLDRN	2.060
DMDS	<1.160
DMMP	<152.000
ENDRN	0.438
ETC6H5	<0.620
FL	4440.000
HG	.
ISODR	0.411
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	10.300
PB	.
PPDDE	<0.231
PPDDT	<0.295
SO4	612000.000
T12DCE	<1.750
TCLEE	50.100
TRCLE	4.380
XYLEN	<1.340
ZN	.

WELL 23108
AQUIFER: ALLUVIUM
SCREENED INT.: 36.5- 40.5
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	11.200
BTZ	<2.000
C6H6	<1.340
CA	127000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	629000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.176
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2650.000
HG	<0.480
ISODR	<0.060
K	6590.000
MEC6H5	<1.210
MG	58500.000
MIBK	<12.900
MXYLEN	<1.350
NA	604000.000
NIT	1140.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	382000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 23118
AQUIFER: ALLUVIUM
SCREENED INT.: 13.5- 17.5
BEDROCK DEPTH: 17.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.150
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	230000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	11.000
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	558.000
DITH	1.680
DLDRN	0.181
DMDS	<1.160
DMMP	<152.000
ENDRN	<0.060
ETC6H5	<0.620
FL	4800.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	0.065
PPDDT	<0.059
SO4	289000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 119
AQUIFER: ALLUVIUM
SCREENED INT.: 14.0- 18.0
BEDROCK DEPTH: 18.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.930
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	324000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	3.760
CPMSO2	11.000
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	1530.000
DITH	4.090
DLDRN	0.246
DMDS	<1.160
DMMP	<380.000
ENDRN	<0.060
ETC6H5	<0.620
FL	3670.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	1.660
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	437000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23120
AQUIFER: ALLUVIUM
SCREENED INT.: 13.5- 17.5
BEDROCK DEPTH: 17.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	7.280
ALDRN	<0.083
AS	2.810
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	517000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	1.630
CPMSO	2.820
CPMSO2	25.200
CR	.
CU	.
DBCP	<0.130
DCPD	66.400
DIMP	966.000
DITH	33.100
DLDRN	<0.054
DMDS	<1.160
DMMP	<380.000
ENDRN	<0.060
ETC6H5	<0.620
FL	3190.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	6.611
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	272000.000
T12DCE	<1.750
TCLEE	2.830
TRCLE	3.212
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23123
AQUIFER: ALLUVIUM
SCREENED INT.: 20.0- 24.0
BEDROCK DEPTH: 23.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	5.120
ALDRN	<0.083
AS	2.810
BTZ	1.660
C6H6	7.590
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	3.890
CL	1020000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	21.400
CPMSO	18.300
CPMSO2	78.100
CR	.
CU	.
DBCP	0.191
DCPD	875.000
DIMP	580.000
DITH	33.600
DLDRN	0.355
DMDS	<1.160
DMMP	<304.000
ENDRN	<0.060
ETC6H5	<0.620
FL	3410.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	8.140
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	423000.000
T12DCE	<1.750
TCLEE	40.400
TRCLE	6.540
XYLEN	<1.340
ZN	.

WELL 23140
AQUIFER: ALLUVIUM
SCREENED INT.: 38.6- 54.6
BEDROCK DEPTH: 53.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	3.250
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	295000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	7.500
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	178.000
DITH	2.960
DLDRN	<0.054
DMDS	<1.160
DMMP	<76.000
ENDRN	<0.060
ETC6H5	<0.620
FL	5420.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	1.710
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	383000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 142
AQUIFER: ALLUVIUM
SCREENED INT.: 38.0- 59.4
BEDROCK DEPTH: 56.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	4.200
BTZ	<2.000
C6H6	<1.340
CA	112000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	518000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	6.210
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	1340.000
DITH	21.400
DLDRN	<0.060
DMDS	<1.800
DMMP	<380.000
ENDRN	<0.052
ETC6H5	<1.280
FL	2650.000
HG	<0.480
ISODR	<0.060
K	5840.000
MEC6H5	<1.210
MG	36100.000
MIBK	<12.900
MXYLEN	<1.350
NA	428000.000
NIT	<20.000
OXAT	4.100
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	271000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 23150
AQUIFER: ALLUVIUM
SCREENED INT.: 22.0- 30.0
BEDROCK DEPTH: 28.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.150
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	275000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.153
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	4060.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.35[illegible]
PB	.
PPDDE	0.04[illegible]
PPDDT	<0.05[illegible]
SO4	353000.00[illegible]
T12DCE	<1.75[illegible]
TCLEE	<2.76[illegible]
TRCLE	<1.31[illegible]
XYLEN	<1.34[illegible]
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 1
AQUIFER: ALLUVIUM
SCREENED INT.: 27.0- 35.0
BEDROCK DEPTH: 34.2
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	294000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	6.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	270.000
DITH	2.060
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3660.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	381000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23160
AQUIFER: ALLUVIUM
SCREENED INT.: 22.0- 30.0
BEDROCK DEPTH: 27.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	11.900
ALDRN	<0.083
AS	3.580
BTZ	1.960
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	1650000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	18.400
CPMSO	<1.980
CPMSO2	133.000
CR	.
CU	.
DBCP	<0.130
DCPD	380.000
DIMP	1200.000
DITH	58.500
DLDRN	0.838
DMDS	<1.160
DMMP	<380.000
ENDRN	<0.600
ETC6H5	<0.620
FL	4670.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	11.900
PB	.
PPDDE	0.103
PPDDT	<0.059
SO4	686000.000
T12DCE	<1.750
TCLEE	19.300
TRCLE	11.600
XYLEN	<1.340
ZN	.

WELL .61
AQUIFER: DENVER
SCREENED INT.: 64.0- 74.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	167000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	41500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4470.000
MEC6H5	<1.210
MG	13000.000
MIBK	<12.900
MXYLEN	<1.350
NA	352000.000
NIT	42.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1040000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	70.500

WELL 23177
AQUIFER: DENVER
SCREENED INT.: 33.0- 53.0
BEDROCK DEPTH: 14.5
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	296000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	2.030
CL	496000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	20.400
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	27.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1910.000
HG	<0.359
ISODR	<0.056
K	4100.000
MEC6H5	<1.210
MG	77400.000
MIBK	<12.900
MXYLEN	<1.350
NA	377000.000
NIT	3230.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1140000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23178
AQUIFER: ALLUVIUM
SCREENED INT.: 16.5- 26.5
BEDROCK DEPTH: 18.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	10.400
ALDRN	<0.083
AS	2.810
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.460
CHCL3	<1.880
CL	558000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	1.850
CPMSO	6.520
CPMSO2	23.500
CR	.
CU	.
DBCP	<0.130
DCPD	152.000
DIMP	681.000
DITH	27.100
DLDRN	<0.054
DMDS	<1.160
DMMP	<304.000
ENDRN	<0.060
ETC6H5	<0.620
FL	3030.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	5.740
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	343000.000
T12DCE	<1.750
TCLEE	6.530
TRCLE	3.430
XYLEN	<1.340
ZN	.

WELL 23179
AQUIFER: ALLUVIUM
SCREENED INT.: 17.0- 42.0
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<170.000
112TCE	<1.000
11DCE	<1.100
11DCLE	3.370
12DCLE	<61.000
ALDRN	<0.830
AS	23.200
BTZ	<1.140
C6H6	<134.000
CA	612000.000
CCL4	<240.000
CD	<5.160
CH2CL2	129.000
CHCL3	> 19400.000
CL	4210000.000
CL6CP	<0.830
CLC6H5	<0.580
CLDAN	<1.520
CPMS	108.000
CPMSO	18.300
CPMSO2	958.000
CR	74.600
CU	10.500
DBCP	<0.130
DCPD	437.000
DIMP	908.000
DITH	54.800
DLDRN	<0.550
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.600
ETC6H5	2.140
FL	9010.000
HG	<0.359
ISODR	<0.560
K	23000.000
MEC6H5	4.570
MG	225000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1760000.000
NIT	537.000
OXAT	17.500
PB	<18.600
PPDDE	<0.460
PPDDT	<0.590
SO4	1190000.000
T12DCE	<1.200
TCLEE	57.900
TRCLE	11.100
XYLEN	3.230
ZN	52.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL ,180
AQUIFER: DENVER
SCREENED INT.: 65.0- 70.0
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	.
BTZ	<1.140
C6H6	2.140
CA	.
CCL4	<2.400
CD	.
CH2CL2	<5.000
CHCL3	<1.400
CL	73300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	1960.000
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	576000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	.

WELL 23181
AQUIFER: DENVER
SCREENED INT.: 85.0- 95.0
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	1.780
CA	45300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	63800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2270.000
MEC6H5	<1.210
MG	2050.000
MIBK	<12.900
MXYLEN	<1.350
NA	263000.000
NIT	3940.000
OXAT	<1.350
PB	40.700
PPDDE	<0.046
PPDDT	<0.059
SO4	539000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	534.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23182
AQUIFER: DENVER
SCREENED INT.: 28.0- 48.0
BEDROCK DEPTH: 18.0
BEDROCK LITH.: ST
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	366000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	670000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	22.300
CU	11.200
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3100.000
HG	<0.359
ISODR	<0.056
K	8640.000
MEC6H5	<1.210
MG	79700.000
MIBK	<12.900
MXYLEN	<1.350
NA	1080000.000
NIT	13600.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2590000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 23183
AQUIFER: DENVER
SCREENED INT.: 85.0- 95.0
BEDROCK DEPTH: 18.0
BEDROCK LITH.: ST
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	93700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	483000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1300.000
HG	<0.359
ISODR	<0.056
K	3270.000
MEC6H5	<1.210
MG	3480.000
MIBK	<12.900
MXYLEN	<1.350
NA	655000.000
NIT	125.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	868000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 184
AQUIFER: DENVER
SCREENED INT.: 112.0-117.0
BEDROCK DEPTH: 18.0
BEDROCK LITH.: ST
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.117
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	38200.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	586000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<21.600
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1640.000
HG	<0.359
ISODR	<0.056
K	1790.000
MEC6H5	<1.210
MG	841.000
MIBK	<12.900
MXYLEN	<1.350
NA	376000.000
NIT	195.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	255000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 23185
AQUIFER: DENVER
SCREENED INT.: 37.5- 42.5
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 SH

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	.
BTZ	<1.140
C6H6	<1.340
CA	669000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1480000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	32.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	5060.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3410.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<1.210
MG	78100.000
MIBK	<12.900
MXYLEN	<1.350
NA	914000.000
NIT	2580.000
OXAT	1.790
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1890000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	72.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23186
AQUIFER: DENVER
SCREENED INT.: 74.0- 89.0
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	343000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	233000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	31.300
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1550.000
HG	<0.359
ISODR	<0.056
K	6390.000
MEC6H5	<1.210
MG	25000.000
MIBK	<12.900
MXYLEN	<1.350
NA	675000.000
NIT	1610.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1770000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	131.000

WELL 23187
AQUIFER: DENVER
SCREENED INT.: 116.5-131.5
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	5.550
CA	125000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	398000.000
CL6CP	<0.169
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1260.000
HG	<0.359
ISODR	<0.056
K	4770.000
MEC6H5	<1.210
MG	3280.000
MIBK	<12.900
MXYLEN	<1.350
NA	509000.000
NIT	61.200
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	871000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	50.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

'ELL 188
AQUIFER: ALLUVIUM
SCREENED INT.: 37.5- 47.5
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.600
ALDRN	<0.332
AS	5.820
BTZ	<1.140
C6H6	<1.340
CA	511000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	2020000.000
CL6CP	<0.332
CLC6H5	<0.580
CLDAN	<0.608
CPMS	<1.080
CPMSO	<1.980
CPMSO2	252.000
CR	70.700
CU	<7.940
DBCP	<0.130
DCPD	18.800
DIMP	1140.000
DITH	42.700
DLDRN	0.372
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.240
ETC6H5	<1.280
FL	3640.000
HG	<0.359
ISODR	<0.224
K	13100.000
MEC6H5	<1.210
MG	234000.000
MIBK	<12.900
MXYLEN	<1.350
NA	898000.000
NIT	204.000
OXAT	8.390
PB	<18.600
PPDDE	<0.184
PPDDT	<0.236
SO4	856000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	5.840
XYLEN	<2.470
ZN	35.100

WELL 23189
AQUIFER: DENVER
SCREENED INT.: 57.5- 67.5
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	145000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	90000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3860.000
MEC6H5	<1.210
MG	9540.000
MIBK	<12.900
MXYLEN	<1.350
NA	406000.000
NIT	28.100
OXAT	<1.35
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1160000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.130
XYLEN	<2.470
ZN	34.300

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23190
AQUIFER: DENVER
SCREENED INT.: 102.5-107.5
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	24.600
CA	88800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	93100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1310.000
HG	<0.359
ISODR	<0.056
K	4160.000
MEC6H5	<1.210
MG	2740.000
MIBK	<12.900
MXYLEN	<1.350
NA	378000.000
NIT	2660.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	824000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	26.300

WELL 23191
AQUIFER: ALLUVIUM
SCREENED INT.: 45.0- 55.0
BEDROCK DEPTH: 54.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.249
AS	3.940
BTZ	<1.140
C6H6	<1.340
CA	135000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1060000.000
CL6CP	<0.249
CLC6H5	<0.580
CLDAN	<0.456
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<112.000
CR	15.500
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	395.000
DITH	13.000
DLDRN	0.230
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.180
ETC6H5	<1.280
FL	2210.000
HG	<0.359
ISODR	<0.168
K	7960.000
MEC6H5	<1.210
MG	60000.000
MIBK	<12.900
MXYLEN	<1.350
NA	714000.000
NIT	6020.000
OXAT	4.210
PB	<18.600
PPDDE	<0.138
PPDDT	<0.177
SO4	413000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	35.000

WELL 192
AQUIFER: DENVER
SCREENED INT.: 106.0-116.0
BEDROCK DEPTH: 54.0
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.249
AS	<2.500
BTZ	<1.140
C6H6	14.600
CA	246000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	340000.000
CL6CP	<0.249
CLC6H5	<0.580
CLDAN	<0.456
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.165
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.180
ETC6H5	<1.280
FL	1360.000
HG	<0.359
ISODR	<0.168
K	6380.000
MEC6H5	<1.210
MG	7520.000
MIBK	<12.900
MXYLEN	<1.350
NA	621000.000
NIT	136.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.138
PPDDT	<0.177
SO4	1290000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	22.700

WELL 23193
AQUIFER: DENVER
SCREENED INT.: 164.0-169.0
BEDROCK DEPTH: 54.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	34300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	442000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	13.200
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	1.680
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1830.000
HG	<0.359
ISODR	<0.056
K	2650.000
MEC6H5	<1.210
MG	598.000
MIBK	<12.900
MXYLEN	<1.350
NA	289000.000
NIT	20000.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	82200.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 23196
AQUIFER: ALLUVIUM
SCREENED INT.: 12.0- 22.0
BEDROCK DEPTH: 18.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	632000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	11.900
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	4170.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1750000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23197
AQUIFER: ALLUVIUM
SCREENED INT.: 13.0- 23.0
BEDROCK DEPTH: 19.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	383000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	17.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3850.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1520000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 198
AQUIFER: ALLUVIUM
SCREENED INT.: 15.0- 20.0
BEDROCK DEPTH: 22.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	250000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	648.000
DITH	<1.590
DLDRN	0.075
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3260.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	491000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23200
AQUIFER: DENVER
SCREENED INT.: 73.5- 78.5
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	93100.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1070.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.9[illegible]
MXYLEN	<1.04[illegible]
NA	.
NIT	.
OXAT	<1.35[illegible]
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	309000.00[illegible]
T12DCE	<1.750
TCLEE	<2.76[illegible]
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23201
AQUIFER: DENVER
SCREENED INT.: 84.5-104.5
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	95200.000
CL6CP	<0.083
CLC6H5	8.390
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1020.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	337000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23202
AQUIFER: DENVER
SCREENED INT.: 20.0- 25.0
BEDROCK DEPTH: 16.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	6.780
CL	447000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	322.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3060.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1370000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: DENVER	WELL	AQUIFER: DENVER
203	SCREENED INT.: 27.0- 32.0	23204	SCREENED INT.: 29.0- 34.0
	BEDROCK DEPTH: 20.0		BEDROCK DEPTH: 24.0
	BEDROCK LITH.: SH		BEDROCK LITH.: SH
	SCREENED ZONE: 2		SCREENED ZONE: 2

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.090
112TCE	<1.630	112TCE	<1.630
11DCE	<1.850	11DCE	<1.850
11DCLE	<1.930	11DCLE	<1.930
12DCLE	2.620	12DCLE	2.750
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.920	C6H6	<1.920
CA	.	CA	.
CCL4	<1.690	CCL4	<1.690
CD	.	CD	.
CH2CL2	.	CH2CL2	.
CHCL3	<1.880	CHCL3	24.500
CL	404000.000	CL	262000.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<1.360	CLC6H5	<1.360
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	7.230
CPMSO	12.900	CPMSO	47.300
CPMSO2	3.280	CPMSO2	13.500
CR	.	CR	.
CU	.	CU	.
DBCP	<0.130	DBCP	1.120
DCPD	96.400	DCPD	49.900
DIMP	387.000	DIMP	304.000
DITH	3.640	DITH	3.160
DLDRN	<0.054	DLDRN	0.189
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<152.000
ENDRN	0.115	ENDRN	0.122
ETC6H5	<0.620	ETC6H5	<0.620
FL	2010.000	FL	<10000.000
HG	.	HG	.
ISODR	<0.056	ISODR	<0.056
K	.	K	.
MEC6H5	<2.100	MEC6H5	<2.100
MG	.	MG	.
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.040
NA	.	NA	.
NIT	.	NIT	.
OXAT	2.370	OXAT	<1.350
PB	.	PB	.
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	860000.000	SO4	1190000.000
T12DCE	<1.750	T12DCE	<1.750
TCLEE	3.860	TCLEE	22.100
TRCLE	<1.310	TRCLE	1.59
XYLEN	<1.340	XYLEN	<1.340
ZN	.	ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23205
AQUIFER: ALLUVIUM
SCREENED INT.: 10.0- 15.0
BEDROCK DEPTH: 15.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	3000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	2.750
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	74.400
DITH	<1.590
DLDRN	0.073
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	4360.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1400000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 23208
AQUIFER: ALLUVIUM
SCREENED INT.: 14.0- 19.0
BEDROCK DEPTH: 19.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.860
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	320000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.103
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	4330.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	349000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 209
AQUIFER: DENVER
SCREENED INT.: 70.0- 80.0
BEDROCK DEPTH: 19.5
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	73600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	60400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	.
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3560.000
MEC6H5	<1.210
MG	5230.000
MIBK	.
MXYLEN	<1.350
NA	280000.000
NIT	66.700
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	290000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	33.100

WELL 23211
AQUIFER: ALLUVIUM
SCREENED INT.: 20.5- 30.5
BEDROCK DEPTH: 25.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.660
BTZ	<1.140
C6H6	3.350
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	333000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.415
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	4110.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.043
NA	.
NIT	.
OXAT	2.040
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	260000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 23218
AQUIFER: DENVER
SCREENED INT.: 47.3- 58.0
BEDROCK DEPTH: 22.0
BEDROCK LITH.:
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	12.200
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	4.500
CL	53800.000
CL6CP	<0.083
CLC6H5	48.900
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.230
CR	.
CU	.
DBCP	0.370
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	0.058
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	548000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	4.430
XYLEN	<1.340
ZN	.

WELL 23219
AQUIFER: DENVER
SCREENED INT.: 63.3- 74.0
BEDROCK DEPTH: 22.0
BEDROCK LITH.:
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	3.300
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	80100.000
CL6CP	<0.083
CLC6H5	16.900
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.230
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	415000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.330
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: ALLUVIUM	WELL	AQUIFER: ALLUVIUM
.003	SCREENED INT.: 7.0- 22.0	24008	SCREENED INT.: 41.0- 44.0
	BEDROCK DEPTH: 22.1		BEDROCK DEPTH: 44.0
	BEDROCK LITH.: SH		BEDROCK LITH.: ST
	SCREENED ZONE: ALLUVIUM		SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.090
112TCE	<1.630	112TCE	<1.630
11DCE	<1.850	11DCE	<1.850
11DCLE	<1.930	11DCLE	<1.930
12DCLE	<2.070	12DCLE	<2.070
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.920	C6H6	<1.920
CA	.	CA	.
CCL4	<1.690	CCL4	3.250
CD	.	CD	.
CH2CL2	<2.480	CH2CL2	<2.480
CHCL3	<1.880	CHCL3	23.100
CL	88600.000	CL	110000.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<1.360	CLC6H5	<1.360
CLDAN	<0.152	CLDAN	<0.152
CPMS	1.080	CPMS	3.780
CPMSO	<1.980	CPMSO	32.300
CPMSO2	2.830	CPMSO2	4.380
CR	.	CR	.
CU	.	CU	.
DBCP	<0.130	DBCP	1.960
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	56.400
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	1.200
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	0.824
ETC6H5	<0.620	ETC6H5	<0.620
FL	1600.000	FL	2640.000
HG	.	HG	.
ISODR	<0.056	ISODR	<0.056
K	.	K	.
MEC6H5	<2.100	MEC6H5	<2.100
MG	.	MG	.
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.040
NA	.	NA	.
NIT	.	NIT	.
OXAT	<1.350	OXAT	<1.350
PB	.	PB	.
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	317000.000	SO4	802000.000
T12DCE	<1.750	T12DCE	<1.750
TCLEE	<2.760	TCLEE	12.400
TRCLE	<1.310	TRCLE	<1.310
XYLEN	<1.340	XYLEN	<1.340
ZN	.	ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24013
AQUIFER: ALLUVIUM
SCREENED INT.: 13.7- 23.7
BEDROCK DEPTH: 23.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	3.120
CL	99300.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	1.230
CPMSO	9.940
CPMSO2	<2.240
CR	.
CU	.
DBCP	0.282
DCPD	<9.310
DIMP	75.100
DITH	<1.590
DLDRN	0.266
DMDS	<1.160
DMMP	<15.200
ENDRN	0.191
ETC6H5	<0.620
FL	2630.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	509000.000
T12DCE	<1.750
TCLEE	3.120
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24024
AQUIFER: ALLUVIUM
SCREENED INT.: 16.0- 21.0
BEDROCK DEPTH: 23.1
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	7.450
CL	123000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	4.580
CPMSO	34.600
CPMSO2	6.130
CR	.
CU	.
DBCP	2.030
DCPD	<9.310
DIMP	120.000
DITH	<1.590
DLDRN	0.431
DMDS	<1.160
DMMP	<15.200
ENDRN	0.310
ETC6H5	<0.620
FL	2460.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	630000.000
T12DCE	<1.750
TCLEE	18.400
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 027
AQUIFER: ALLUVIUM
SCREENED INT.: 28.1- 32.1
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	89800.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	42.200
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	1770.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	434000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24049
AQUIFER: ALLUVIUM
SCREENED INT.: 44.2- 48.2
BEDROCK DEPTH: 50.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	3.640
C6H6	4.670
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	263.000
CL	298000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	0.306
CPMS	51.000
CPMSO	122.000
CPMSO2	60.800
CR	.
CU	.
DBCP	5.380
DCPD	135.000
DIMP	392.000
DITH	6.060
DLDRN	1.860
DMDS	<1.160
DMMP	<15.200
ENDRN	1.260
ETC6H5	<0.620
FL	2620.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	1.921
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	582000.000
T12DCE	<1.750
TCLEE	<123.000
TRCLE	3.380
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24063
AQUIFER: DENVER
SCREENED INT.: 33.5- 37.5
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: 2 SH

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	4.060
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	74800.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	11.900
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	1200.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	307000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24081
AQUIFER: ALLUVIUM
SCREENED INT.: 31.1- 47.1
BEDROCK DEPTH: 35.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	2.280
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	16.800
CL	178000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	448.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2050.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	572000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL)86
AQUIFER: DENVER
SCREENED INT.: 33.9- 49.9
BEDROCK DEPTH: 22.4
BEDROCK LITH.: SS
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	142000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	169000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1470.000
HG	<0.359
ISODR	<0.056
K	1930.000
MEC6H5	<1.210
MG	47000.000
MIBK	<12.900
MXYLEN	<1.350
NA	193000.000
NIT	849.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	465000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 24089
AQUIFER: DENVER
SCREENED INT.: 30.2- 39.3
BEDROCK DEPTH: 17.5
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	139000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	26.500
CL	101000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1280.000
HG	<0.359
ISODR	<0.056
K	2740.000
MEC6H5	<1.210
MG	34400.000
MIBK	<12.900
MXYLEN	<1.350
NA	134000.000
NIT	3100.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	411000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24092
AQUIFER: ALLUVIUM
SCREENED INT.: 35.0- 45.0
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	165000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	89900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	29.600
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1860.000
HG	<0.359
ISODR	<0.056
K	5270.000
MEC6H5	<1.210
MG	81100.000
MIBK	<12.900
MXYLEN	<1.350
NA	215000.000
NIT	2540.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1040000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	21.600

WELL 24094
AQUIFER: ALLUVIUM
SCREENED INT.: 28.3- 40.3
BEDROCK DEPTH: 36.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	105000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	1400.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	357000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL .01
AQUIFER: ALLUVIUM
SCREENED INT.: 27.0- 35.0
BEDROCK DEPTH: 32.3
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	1.550
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	1.410
C6H6	<1.920
CA	.
CCL4	5.290
CD	.
CH2CL2	<2.480
CHCL3	893.000
CL	178000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	9.800
CPMSO	68.800
CPMSO2	13.100
CR	.
CU	.
DBCP	5.120
DCPD	18.600
DIMP	157.000
DITH	1.860
DLDRN	1.060
DMDS	<1.160
DMMP	<30.400
ENDRN	1.330
ETC6H5	<0.620
FL	2540.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	735000.000
T12DCE	<1.750
TCLEE	40.100
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24106
AQUIFER: ALLUVIUM
SCREENED INT.: 12.0- 20.0
BEDROCK DEPTH: 16.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	85100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	97000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.900
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1690.000
HG	<0.359
ISODR	<0.056
K	2480.000
MEC6H5	<1.210
MG	31300.000
MIBK	<12.900
MXYLEN	<1.350
NA	167000.000
NIT	281.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	338000.000
T12DCE	<1.750
TCLEE	<1.310
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24107
AQUIFER: ALLUVIUM
SCREENED INT.: 27.0- 35.0
BEDROCK DEPTH: 34.6
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	421000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	293000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	25.800
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2750.000
HG	<0.359
ISODR	<0.056
K	3620.000
MEC6H5	<1.210
MG	117000.000
MIBK	<12.900
MXYLEN	<1.350
NA	742000.000
NIT	2040.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2620000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	92.800

WELL 24108
AQUIFER: DENVER
SCREENED INT.: 31.9- 39.9
BEDROCK DEPTH: 22.5
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	125000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3160.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1140000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 109
AQUIFER: DENVER
SCREENED INT.: 47.0- 55.0
BEDROCK DEPTH: 12.8
BEDROCK LITH.: SH
SCREENED ZONE: 2 SH

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	34900.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	3180.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	2710000.000
T12DCE	<1.750
TCLEE	<2.760
TPCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24111
AQUIFER: ALLUVIUM
SCREENED INT.: 18.0- 30.0
BEDROCK DEPTH: 22.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	120000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	1.580
CL	162000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	224.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1590.000
HG	<0.359
ISODR	<0.056
K	2340.000
MEC6H5	<1.210
MG	40400.000
MIBK	<12.900
MXYLEN	<1.350
NA	223000.000
NIT	15200.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	517000.000
T12DCE	<1.200
TCLEE	<1.300
TPCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24112
AQUIFER: ALLUVIUM
SCREENED INT.: 36.6- 50.0
BEDROCK DEPTH: 37.6
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	143000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	7.650
CL	121000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3460.000
MEC6H5	<1.210
MG	36800.000
MIBK	<12.900
MXYLEN	<1.350
NA	153000.000
NIT	1620.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	411000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 24113
AQUIFER: ALLUVIUM
SCREENED INT.: 37.0- 45.0
BEDROCK DEPTH: 42.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	97000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	45700.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	13.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3870.000
MEC6H5	<1.210
MG	32500.000
MIBK	<12.900
MXYLEN	<1.350
NA	145000.000
NIT	1660.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	119000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 115
AQUIFER: ALLUVIUM
SCREENED INT.: 22.0- 30.0
BEDROCK DEPTH: 28.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	98800.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	0.157
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	0.064
ETC6H5	<0.620
FL	1180.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	319000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24117
AQUIFER: ALLUVIUM
SCREENED INT.: 12.0- 20.0
BEDROCK DEPTH: 18.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	16.800
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	88600.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1210.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	291000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24120
AQUIFER: DENVER
SCREENED INT.: 85.0- 95.0
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SS
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	159000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	209000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<21.600
DIMP	<10.500
DITH	<1.590
DLDRN	0.125
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1200.000
HG	<0.359
ISODR	<0.056
K	4150.000
MEC6H5	<1.210
MG	23400.000
MIBK	<12.900
MXYLEN	<1.350
NA	469000.000
NIT	389.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	812000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	35.200

WELL 24124
AQUIFER: DENVER
SCREENED INT.: 32.6- 40.6
BEDROCK DEPTH: 12.5
BEDROCK LITH.: SS
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	55000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	50900.000
CL6CP	<0.169
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1870.000
HG	<0.359
ISODR	<0.056
K	<520.000
MEC6H5	<1.210
MG	38100.000
MIBK	<12.900
MXYLEN	<1.350
NA	211000.000
NIT	6370.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	457000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: DENVER	COMPOUND	CONCENTRATION
127	SCREENED INT.: 30.0- 35.0	111TCE	<1.700
	BEDROCK DEPTH: 27.4	112TCE	<1.000
	BEDROCK LITH.: SH	11DCE	<1.100
	SCREENED ZONE: 2	11DCLE	<1.200
		12DCLE	4.250
		ALDRN	<0.083
		AS	<2.500
		BTZ	<1.140
		C6H6	2.150
		CA	191000.000
		CCL4	<2.400
		CD	<5.160
		CH2CL2	<5.000
		CHCL3	104.000
		CL	489000.000
		CL6CP	<0.083
		CLC6H5	<0.580
		CLDAN	<0.152
		CPMS	22.900
		CPMSO	92.600
		CPMSO2	25.800
		CR	<5.960
		CU	<7.940
		DBCP	3.640
		DCPD	169.000
		DIMP	676.000
		DITH	6.450
		DLDRN	1.140
		DMDS	<1.160
		DMMP	<15.200
		ENDRN	0.819
		ETC6H5	<1.280
		FL	1860.000
		HG	<0.359
		ISODR	<0.056
		K	6660.000
		MEC6H5	<1.210
		MG	87900.000
		MIBK	<12.900
		MXYLEN	<1.350
		NA	249000.000
		NIT	173.000
		OXAT	2.090
		PB	<18.600
		PPDDE	<0.046
		PPDDT	0.066
		SO4	563000.000
		T12DCE	<1.200
		TCLEE	70.100
		TRCLE	12.100
		XYLEN	<2.470
		ZN	94.000

WELL	AQUIFER: DENVER	COMPOUND	CONCENTRATION
24130	SCREENED INT.: 25.0- 30.0	111TCE	<17.000
	BEDROCK DEPTH: 22.8	112TCE	<5.000
	BEDROCK LITH.: ST	11DCE	<1.100
	SCREENED ZONE: 2 SH	11DCLE	<1.200
		12DCLE	<0.610
		ALDRN	<0.083
		AS	<2.500
		BTZ	<1.140
		C6H6	<1.340
		CA	121000.000
		CCL4	<24.000
		CD	<5.160
		CH2CL2	<5.000
		CHCL3	78.400
		CL	116000.000
		CL6CP	<0.083
		CLC6H5	<0.580
		CLDAN	<0.152
		CPMS	2.300
		CPMSO	8.970
		CPMSO2	<2.240
		CR	<5.960
		CU	<7.940
		DBCP	0.609
		DCPD	<9.310
		DIMP	107.000
		DITH	<1.590
		DLDRN	0.221
		DMDS	<1.160
		DMMP	<15.200
		ENDRN	0.225
		ETC6H5	<1.280
		FL	2480.000
		HG	<0.359
		ISODR	<0.056
		K	3580.000
		MEC6H5	<1.210
		MG	51500.000
		MIBK	<12.900
		MXYLEN	<1.350
		NA	167000.000
		NIT	3380.000
		OXAT	<1.350
		PB	<18.600
		PPDDE	<0.046
		PPDDT	<0.059
		SO4	452000.000
		T12DCE	<1.200
		TCLEE	6.670
		TRCLE	<5.500
		XYLEN	<2.470
		ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24135	AQUIFER: DENVER SCREENED INT.: 31.0- 35.0 BEDROCK DEPTH: 25.0 BEDROCK LITH.: SS SCREENED ZONE: 2	WELL 24136	AQUIFER: DENVER SCREENED INT.: 51.0- 64.0 BEDROCK DEPTH: 25.0 BEDROCK LITH.: SS SCREENED ZONE: 3

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.090
112TCE	<1.630	112TCE	<1.630
11DCE	<1.850	11DCE	<1.850
11DCLE	<1.930	11DCLE	<1.930
12DCLE	<2.070	12DCLE	<2.070
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.920	C6H6	4.260
CA	.	CA	.
CCL4	<1.690	CCL4	<1.690
CD	.	CD	.
CH2CL2	<2.480	CH2CL2	<2.480
CHCL3	22.000	CHCL3	<1.880
CL	125000.000	CL	40500.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<1.360	CLC6H5	<1.360
CLDAN	<0.152	CLDAN	<0.152
CPMS	3.380	CPMS	<1.080
CPMSO	20.600	CPMSO	<1.980
CPMSO2	3.840	CPMSO2	<2.240
CR	.	CR	.
CU	.	CU	.
DBCP	0.841	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	134.000	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	0.332	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	0.243	ENDRN	<0.060
ETC6H5	<0.620	ETC6H5	<0.620
FL	2490.000	FL	990.000
HG	.	HG	.
ISODR	<0.056	ISODR	<0.056
K	.	K	.
MEC6H5	<2.100	MEC6H5	<2.100
MG	.	MG	.
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.040
NA	.	NA	.
NIT	.	NIT	.
OXAT	<1.350	OXAT	<1.350
PB	.	PB	.
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	710000.000	SO4	704000.000
T12DCE	<1.750	T12DCE	<1.750
TCLEE	6.380	TCLEE	<2.760
TRCLE	<1.310	TRCLE	<1.310
XYLEN	<1.340	XYLEN	<1.340
ZN	.	ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL .37
AQUIFER: DENVER
SCREENED INT.: 81.0-100.0
BEDROCK DEPTH: 25.0
BEDROCK LITH.: SS
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	34500.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	528000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24158
AQUIFER: ALLUVIUM
SCREENED INT.: 9.0- 29.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	93800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	120000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1420.000
HG	<0.359
ISODR	<0.056
K	4100.000
MEC6H5	<1.210
MG	42200.000
MIBK	<12.900
MXYLEN	<1.350
NA	152000.000
NIT	1920.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	297000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	107.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24159
AQUIFER: DENVER
SCREENED INT.: 63.0-108.0
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.166
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	132000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	43000.000
CL6CP	<0.166
CLC6H5	<0.580
CLDAN	<0.304
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.110
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.120
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.112
K	2750.000
MEC6H5	<1.210
MG	15100.000
MIBK	<12.900
MXYLEN	<1.350
NA	116000.000
NIT	11.500
OXAT	<1.350
PB	<18.600
PPDDE	<0.092
PPDDT	<0.118
SO4	320000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 24161
AQUIFER: ALLUVIUM
SCREENED INT.: 13.0- 18.0
BEDROCK DEPTH: 17.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	1.320
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	4.690
CL	242000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	18.200
CPMSO	43.800
CPMSO2	9.870
CR	.
CU	.
DBCP	0.966
DCPD	24.400
DIMP	> 210.000
DITH	2.430
DLDRN	0.573
DMDS	<1.160
DMMP	<15.200
ENDRN	0.377
ETC6H5	<0.620
FL	2500.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	528000.000
T12DCE	<1.750
TCLEE	22.200
TRCLE	2.790
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 162
AQUIFER: ALLUVIUM
SCREENED INT.: 11.0- 16.0
BEDROCK DEPTH: 17.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	2.380
CL	285000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	3.380
CPMSO	4.960
CPMSO2	3.700
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	157.000
DITH	7.120
DLDRN	0.733
DMDS	<1.160
DMMP	<15.200
ENDRN	0.486
ETC6H5	<0.620
FL	2260.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	2.200
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	417000.000
T12DCE	<1.750
TCLEE	4.390
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24163
AQUIFER: ALLUVIUM
SCREENED INT.: 9.0- 19.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	7.150
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	174000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2290.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	322000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24164
AQUIFER: ALLUVIUM
SCREENED INT.: 9.0- 19.0
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	174000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	3230.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	651000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24166
AQUIFER: ALLUVIUM
SCREENED INT.: 16.0- 26.0
BEDROCK DEPTH: 23.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	110000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.117
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1710.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	320000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: DENVER	WELL	AQUIFER: DENVER
.67	SCREENED INT.: 43.5- 53.5	24168	SCREENED INT.: 73.5- 93.5
	BEDROCK DEPTH: 22.5		BEDROCK DEPTH: 22.5
	BEDROCK LITH.: ST		BEDROCK LITH.: ST
	SCREENED ZONE: 2		SCREENED ZONE: 3

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.090
112TCE	<1.630	112TCE	<1.630
11DCE	<1.850	11DCE	<1.850
11DCLE	<1.930	11DCLE	<1.930
12DCLE	<2.070	12DCLE	<2.070
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	2.930	C6H6	4.020
CA	.	CA	.
CCL4	<1.690	CCL4	<1.690
CD	.	CD	.
CH2CL2	<2.480	CH2CL2	<2.480
CHCL3	<1.880	CHCL3	<1.880
CL	31700.000	CL	44400.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	10.500	CLC6H5	14.400
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	.	CR	.
CU	.	CU	.
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	.
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	.
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<0.620	ETC6H5	<0.620
FL	1170.000	FL	1090.000
HG	.	HG	.
ISODR	<0.056	ISODR	<0.056
K	.	K	.
MEC6H5	<2.100	MEC6H5	<2.100
MG	.	MG	.
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.040
NA	.	NA	.
NIT	.	NIT	.
OXAT	<1.350	OXAT	<1.350
PB	.	PB	.
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	763000.000	SO4	428000.000
T12DCE	<1.750	T12DCE	<1.750
TCLEE	<2.760	TCLEE	<2.760
TRCLE	<1.310	TRCLE	<1.310
XYLEN	<1.340	XYLEN	<1.340
ZN	.	ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24171
AQUIFER: DENVER
SCREENED INT.: 40.0- 50.0
BEDROCK DEPTH: 18.0
BEDROCK LITH.: SS
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	3.420
BTZ	<1.140
C6H6	5.710
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	27800.000
CL6CP	<0.083
CLC6H5	21.600
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.090
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2190.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	141000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24172
AQUIFER: DENVER
SCREENED INT.: 121.5-131.5
BEDROCK DEPTH: 18.0
BEDROCK LITH.: SS
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	4.680
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	6.870
CL	34300.000
CL6CP	<0.083
CLC6H5	17.400
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	978.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	891000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 4174
AQUIFER: DENVER
SCREENED INT.: 56.5- 61.5
BEDROCK DEPTH: 21.0
BEDROCK LITH.: SS
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	15600.000
CL6CP	<0.083
CLC6H5	9.500
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	.
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	.
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	275000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24175
AQUIFER: DENVER
SCREENED INT.: 90.0- 95.0
BEDROCK DEPTH: 21.0
BEDROCK LITH.: SS
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.080
BTZ	<1.140
C6H6	3.980
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	15100.000
CL6CP	<0.083
CLC6H5	16.700
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	913.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	293000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24179
AQUIFER: ALLUVIUM
SCREENED INT.: 14.0- 24.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	6.090
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	101000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	6.200
CPMSO	33.200
CPMSO2	7.150
CR	.
CU	.
DBCP	1.140
DCPD	10.700
DIMP	138.000
DITH	<1.590
DLDRN	1.740
DMDS	<1.160
DMMP	<15.200
ENDRN	1.470
ETC6H5	<0.620
FL	2340.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	457000.000
T12DCE	<1.750
TCLEE	16.700
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24180
AQUIFER: ALLUVIUM
SCREENED INT.: 11.0- 16.0
BEDROCK DEPTH: 16.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<11.500
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	4.290
CD	.
CH2CL2	<2.480
CHCL3	433.000
CL	229000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	4.160
CPMSO	45.600
CPMSO2	5.520
CR	.
CU	.
DBCP	4.180
DCPD	<9.310
DIMP	227.000
DITH	<1.590
DLDRN	0.257
DMDS	<1.160
DMMP	<30.400
ENDRN	0.427
ETC6H5	<0.620
FL	2860.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	940000.000
T12DCE	<1.750
TCLEE	26.800
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24181
AQUIFER: ALLUVIUM
SCREENED INT.: 17.0- 27.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	3.520
CL	119000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.670
CR	.
CU	.
DBCP	0.172
DCPD	<9.310
DIMP	26.400
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1970.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	488000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24182
AQUIFER: ALLUVIUM
SCREENED INT.: 16.0- 26.0
BEDROCK DEPTH: 22.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	103000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	8.710
CR	.
CU	.
DBCP	0.847
DCPD	<9.310
DIMP	20.900
DITH	<1.590
DLDRN	0.220
DMDS	<1.160
DMMP	<15.200
ENDRN	0.076
ETC6H5	<0.620
FL	1480.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	367000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24183	AQUIFER: ALLUVIUM SCREENED INT.: 11.0- 21.0 BEDROCK DEPTH: 21.0 BEDROCK LITH.: ST SCREENED ZONE: ALLUVIUM		WELL 24184	AQUIFER: DENVER SCREENED INT.: 18.0- 23.0 BEDROCK DEPTH: 16.9 BEDROCK LITH.: SS SCREENED ZONE: 2	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.090		111TCE	<1.090
	112TCE	<1.630		112TCE	<1.630
	11DCE	<1.850		11DCE	<1.850
	11DCLE	<1.930		11DCLE	<1.930
	12DCLE	<2.070		12DCLE	<2.070
	ALDRN	<0.083		ALDRN	<0.083
	AS	<2.500		AS	<2.500
	BTZ	<1.140		BTZ	<1.140
	C6H6	<1.920		C6H6	<1.920
	CA	.		CA	.
	CCL4	<1.690		CCL4	<1.690
	CD	.		CD	.
	CH2CL2	<2.480		CH2CL2	<2.480
	CHCL3	<1.880		CHCL3	2.110
	CL	203000.000		CL	71400.000
	CL6CP	<0.083		CL6CP	<0.083
	CLC6H5	<1.360		CLC6H5	<1.360
	CLDAN	<0.152		CLDAN	<0.152
	CPMS	<1.080		CPMS	<1.080
	CPMSO	<1.980		CPMSO	<1.980
	CPMSO2	3.690		CPMSO2	<2.240
	CR	.		CR	.
	CU	.		CU	.
	DBCP	<0.130		DBCP	<0.130
	DCPD	<9.310		DCPD	<9.310
	DIMP	<1[illegible]500		DIMP	18.500
	DITH	<1.590		DITH	<1.590
	DLDRN	<0.054		DLDRN	<0.054
	DMDS	<1.160		DMDS	<1.160
	DMMP	<30.400		DMMP	<15.200
	ENDRN	<0.060		ENDRN	<0.060
	ETC6H5	<0.620		ETC6H5	<0.620
	FL	2630.000		FL	2220.000
	HG	.		HG	.
	ISODR	<0.056		ISODR	<0.056
	K	.		K	.
	MEC6H5	<2.100		MEC6H5	<2.100
	MG	.		MG	.
	MIBK	<12.900		MIBK	<12.900
	MXYLEN	<1.040		MXYLEN	<1.040
	NA	.		NA	.
	NIT	.		NIT	.
	OXAT	<1.350		OXAT	<1.350
	PB	.		PB	.
	PPDDE	<0.046		PPDDE	<0.046
	PPDDT	<0.059		PPDDT	<0.059
	SO4	1370000.000		SO4	305000.000
	T12DCE	<1.750		T12DCE	<1.750
	TCLEE	<2.760		TCLEE	<2.760
	TRCLE	<1.310		TRCLE	<1.310
	XYLEN	<1.340		XYLEN	<1.340
	ZN	.		ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 4185
AQUIFER: ALLUVIUM
SCREENED INT.: 15.0- 25.0
BEDROCK DEPTH: 25.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	83900.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.299
DMDS	<1.160
DMMP	<15.200
ENDRN	0.082
ETC6H5	<0.620
FL	1120.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	297000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24186
AQUIFER: ALLUVIUM
SCREENED INT.: 5.0- 15.0
BEDROCK DEPTH: 12.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	13.900
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	2.540
CL	89200.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.159
DMDS	<1.160
DMMP	<30.400
ENDRN	0.086
ETC6H5	<0.620
FL	1270.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	252000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 24187
AQUIFER: ALLUVIUM
SCREENED INT.: 8.0- 18.0
BEDROCK DEPTH: 17.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	88700.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	4.410
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1800.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	440000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 24188
AQUIFER: ALLUVIUM
SCREENED INT.: 7.0- 17.0
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	269000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.360
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	2880.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1430000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 1191	AQUIFER: DENVER	WELL 25009	AQUIFER: DENVER
	SCREENED INT.: 33.1- 44.0		SCREENED INT.: 70.0-105.0
	BEDROCK DEPTH: 17.0		BEDROCK DEPTH: 34.0
	BEDROCK LITH.:		BEDROCK LITH.: SS
	SCREENED ZONE: 2		SCREENED ZONE: 1

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.700
112TCE	<1.630	112TCE	<1.000
11DCE	<1.850	11DCE	<1.100
11DCLE	<1.930	11DCLE	<1.200
12DCLE	<2.070	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.920	C6H6	<1.340
CA	.	CA	80400.000
CCL4	<1.690	CCL4	<2.400
CD	.	CD	<5.160
CH2CL2	<2.480	CH2CL2	<5.000
CHCL3	<1.880	CHCL3	<1.400
CL	80100.000	CL	27500.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	12.800	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.230	CPMSO2	<2.240
CR	.	CR	<5.960
CU	.	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<3.340	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<0.620	ETC6H5	<1.280
FL	<1000.000	FL	<1220.000
HG	.	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	.	K	5380.000
MEC6H5	<2.100	MEC6H5	<1.210
MG	.	MG	3660.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.350
NA	.	NA	169000.000
NIT	.	NIT	.
OXAT	<1.350	OXAT	<1.350
PB	.	PB	<18.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	525000.000	SO4	421000.000
T12DCE	<1.750	T12DCE	<1.200
TCLEE	<2.760	TCLEE	<1.300
TRCLE	<1.310	TRCLE	<1.100
XYLEN	<1.340	XYLEN	<2.470
ZN	.	ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 25011
AQUIFER: ALLUVIUM
SCREENED INT.: 10.0- 45.0
BEDROCK DEPTH: 11.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	136000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	145000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	12.200
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1190.000
HG	<0.359
ISODR	<0.056
K	3270.000
MEC6H5	<1.210
MG	56500.000
MIBK	<12.900
MXYLEN	<1.350
NA	186000.000
NIT	5490.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	455000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 25013
AQUIFER: DENVER
SCREENED INT.: 80.0- 95.0
BEDROCK DEPTH: 11.0
BEDROCK LITH.: SS
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	30800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	12100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	1430.000
MEC6H5	<1.210
MG	1280.000
MIBK	<12.900
MXYLEN	<1.350
NA	145000.000
NIT	69.200
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	237000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	22.300

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 5014
AQUIFER: DENVER
SCREENED INT.: 54.0- 64.0
BEDROCK DEPTH: 11.0
BEDROCK LITH.: SS
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	5260.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	24300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2370.000
HG	<0.359
ISODR	<0.056
K	745.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	103000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	79700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 25015
AQUIFER: ALLUVIUM
SCREENED INT.: 31.0- 41.0
BEDROCK DEPTH: 39.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	245000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	52000.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1310.000
HG	<0.359
ISODR	<0.056
K	5380.000
MEC6H5	<1.210
MG	43500.000
MIBK	<12.900
MXYLEN	<1.350
NA	370000.000
NIT	2120.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1290000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	73.700

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 25016
AQUIFER: DENVER
SCREENED INT.: 57.0- 63.5
BEDROCK DEPTH: 39.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	355000.000
CCL4	<2.400
CD	6.640
CH2CL2	<5.000
CHCL3	<1.400
CL	17800.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	12.700
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1290.000
HG	<0.359
ISODR	<0.056
K	5750.000
MEC6H5	<1.210
MG	38500.000
MIBK	<12.900
MXYLEN	<1.350
NA	464000.000
NIT	151.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1580000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	44.400

WELL 25017
AQUIFER: DENVER
SCREENED INT.: 72.0- 78.0
BEDROCK DEPTH: 39.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	88400.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	19300.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4490.000
MEC6H5	<1.210
MG	4640.000
MIBK	<12.900
MXYLEN	<1.350
NA	282000.000
NIT	172.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	779000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: ALLUVIUM		WELL	AQUIFER: DENVER	
3018	SCREENED INT.: 23.0- 43.0		25021	SCREENED INT.: 122.0-142.0	
	BEDROCK DEPTH: 43.0			BEDROCK DEPTH: 43.0	
	BEDROCK LITH.: SS			BEDROCK LITH.: SH	
	SCREENED ZONE: ALLUVIUM			SCREENED ZONE: 2	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.700		111TCE	<1.700
	112TCE	<1.000		112TCE	<1.000
	11DCE	<1.100		11DCE	<1.100
	11DCLE	<1.200		11DCLE	<1.200
	12DCLE	<0.610		12DCLE	<0.610
	ALDRN	<0.083		ALDRN	<0.083
	AS	<2.500		AS	<2.500
	BTZ	<1.140		BTZ	<1.140
	C6H6	<1.340		C6H6	<1.340
	CA	138000.000		CA	15400.000
	CCL4	<2.400		CCL4	<2.400
	CD	<5.160		CD	<5.160
	CH2CL2	<5.000		CH2CL2	<5.000
	CHCL3	<1.400		CHCL3	<1.400
	CL	146000.000		CL	215000.000
	CL6CP	<0.083		CL6CP	<0.083
	CLC6H5	<0.580		CLC6H5	<0.580
	CLDAN	<0.152		CLDAN	<0.152
	CPMS	<1.080		CPMS	<1.080
	CPMSO	<1.980		CPMSO	<1.980
	CPMSO2	<2.240		CPMSO2	<2.240
	CR	<5.960		CR	<5.960
	CU	<7.940		CU	<7.940
	DBCP	<0.130		DBCP	<0.130
	DCPD	<9.310		DCPD	<9.310
	DIMP	212.000		DIMP	<10.500
	DITH	<1.590		DITH	<1.590
	DLDRN	<0.054		DLDRN	<0.054
	DMDS	<1.160		DMDS	<1.160
	DMMP	<15.200		DMMP	<15.200
	ENDRN	<0.060		ENDRN	<0.060
	ETC6H5	<1.280		ETC6H5	<1.280
	FL	1460.000		FL	1310.000
	HG	<0.359		HG	<0.359
	ISODR	<0.056		ISODR	<0.056
	K	3040.000		K	814.000
	MEC6H5	<1.210		MEC6H5	<1.210
	MG	46700.000		MG	<500.000
	MIBK	<12.900		MIBK	<12.900
	MXYLEN	<1.350		MXYLEN	<1.350
	NA	207000.000		NA	193000.000
	NIT	1910.000		NIT	10.800
	OXAT	<1.350		OXAT	<1.350
	PB	<18.600		PB	<18.600
	PPDDE	<0.046		PPDDE	<0.046
	PPDDT	<0.059		PPDDT	<0.059
	SO4	480000.000		SO4	116000.000
	T12DCE	<1.200		T12DCE	<1.200
	TCLEE	<1.300		TCLEE	<1.300
	TRCLE	<1.100		TRCLE	<1.100
	XYLEN	<2.470		XYLEN	<2.470
	ZN	<20.100		ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 25022
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 50.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: LG
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	92300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	31300.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.085
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2300.000
HG	<0.359
ISODR	<0.056
K	3020.000
MEC6H5	<1.210
MG	36200.000
MIBK	<12.900
MXYLEN	<1.350
NA	110000.000
NIT	2810.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	405000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	21.300

WELL 25023
AQUIFER: DENVER
SCREENED INT.: 60.0- 65.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: LG
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	37100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	16100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1310.000
HG	<0.359
ISODR	<0.056
K	2210.000
MEC6H5	<1.210
MG	12000.000
MIBK	<12.900
MXYLEN	<1.350
NA	80100.000
NIT	806.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	152000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	27.500

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: ALLUVIUM	WELL	AQUIFER: DENVER
5038	SCREENED INT.: 17.0- 27.0	25039	SCREENED INT.: 48.0- 73.0
	BEDROCK DEPTH: 28.3		BEDROCK DEPTH: 28.3
	BEDROCK LITH.: SH		BEDROCK LITH.: SH
	SCREENED ZONE: ALLUVIUM		SCREENED ZONE: U

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	98500.000	CA	143000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	68400.000	CL	22500.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<16.200
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	<1200.000	FL	<1220.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	3680.000	K	2660.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	29000.000	MG	12500.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	105000.000	NA	237000.000
NIT	2320.000	NIT	79.200
OXAT	<1.350	OXAT	<1.350
PB	<18.600	PB	<18.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	254000.000	SO4	682000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	53.200	ZN	23.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 26006
AQUIFER: ALLUVIUM
SCREENED INT.: 29.0- 35.0
BEDROCK DEPTH: 35.2
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	9.900
ALDRN	<0.083
AS	27.700
BTZ	1.370
C6H6	<1.340
CA	197000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	1.540
CL	733000.000
CL6CP	<0.211
CLC6H5	9.140
CLDAN	<0.152
CPMS	1.840
CPMSO	8.780
CPMSO2	840.000
CR	15.200
CU	<7.940
DBCP	0.397
DCPD	<9.310
DIMP	1040.000
DITH	144.000
DLDRN	1.010
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1930.000
HG	<0.359
ISODR	<0.056
K	5980.000
MEC6H5	<1.210
MG	68900.000
MIBK	<12.900
MXYLEN	<1.350
NA	665000.000
NIT	3420.000
OXAT	18.400
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	923000.000
T12DCE	<1.200
TCLEE	1.780
TRCLE	6.470
XYLEN	<2.470
ZN	33.800

WELL 26011
AQUIFER: ALLUVIUM
SCREENED INT.: 29.0- 43.5
BEDROCK DEPTH: 43.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.117
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	308000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1300000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	11.200
CR	25.500
CU	<7.940
DBCP	<0.130
DCPD	<21.600
DIMP	16.300
DITH	1.740
DLDRN	0.244
DMDS	<1.160
DMMP	<15.200
ENDRN	0.220
ETC6H5	<1.280
FL	2880.000
HG	<0.359
ISODR	<0.056
K	9400.000
MEC6H5	<1.210
MG	123000.000
MIBK	<12.900
MXYLEN	<1.350
NA	777000.000
NIT	1420.000
OXAT	1.660
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	534000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	73.500

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 6015
AQUIFER: ALLUVIUM
SCREENED INT.: 48.0- 52.0
BEDROCK DEPTH: 48.6
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	13.200
BTZ	<2.000
C6H6	<1.340
CA	202000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1030000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	84.100
CR	<5.960
CU	12.600
DBCP	<0.130
DCPD	<9.310
DIMP	526.000
DITH	<1.760
DLDRN	<0.060
DMDS	<1.800
DMMP	<76.000
ENDRN	<0.052
ETC6H5	<1.280
FL	2720.000
HG	<0.480
ISODR	<0.060
K	9770.000
MEC6H5	<1.210
MG	70000.000
MIBK	<12.900
MXYLEN	<1.350
NA	729000.000
NIT	298.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	449000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	82.100

WELL 26017
AQUIFER: ALLUVIUM
SCREENED INT.: 43.6- 47.6
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	9.400
BTZ	<2.000
C6H6	<1.340
CA	114000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	547000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	14.600
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	174.000
DITH	3.310
DLDRN	<0.060
DMDS	<1.800
DMMP	<30.400
ENDRN	<0.052
ETC6H5	<1.280
FL	2370.000
HG	<0.480
ISODR	<0.060
K	6780.000
MEC6H5	<1.210
MG	49400.000
MIBK	<12.900
MXYLEN	<1.350
NA	519000.000
NIT	2380.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	314000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	70.300

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 26019
AQUIFER: DENVER
SCREENED INT.: 46.6- 50.6
BEDROCK DEPTH: 46.5
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	5.080
BTZ	<1.140
C6H6	<1.340
CA	113000.000
CCL4	<2.400
CD	<5.160
CHCL3	<1.400
CL	559000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	5.810
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	12.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2890.000
HG	<0.359
ISODR	<0.056
K	4740.000
MEC6H5	<1.210
MG	32800.000
MIBK	<12.900
MXYLEN	<1.350
NA	390000.000
NIT	4310.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	329000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	40.900

WELL 26020
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 44.0
BEDROCK DEPTH: 43.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	.
BTZ	<2.000
C6H6	<1.340
CA	.
CCL4	<2.400
CH2CL2	<5.000
CHCL3	<1.400
CL	.
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	862.000
DITH	3.130
DLDRN	0.137
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	.
HG	.
ISODR	<0.060
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	.
OXAT	<2.000
PB	.
PPDDE	<0.053
PPDDT	<0.070
SO4	.
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 26041
AQUIFER: DENVER
SCREENED INT.: 42.9- 46.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 SH

COMPOUND	CONCENTRATION
111TCE	<34.000
112TCE	<20.000
11DCE	<22.000
11DCLE	<24.000
12DCLE	109.000
ALDRN	<0.700
AS	410.000
BTZ	<40.000
C6H6	<26.800
CA	176000.000
CCL4	<48.000
CD	<5.160
CH2CL2	<100.000
CHCL3	<28.000
CL	28200000.000
CL6CP	<0.700
CLC6H5	<11.600
CLDAN	.
CPMS	<56.300
CPMSO	<84.000
CPMSO2	510.000
CR	24.400
CU	<7.940
DBCP	0.747
DCPD	16.600
DIMP	3810.000
DITH	45.500
DLDRN	<0.600
DMDS	8.100
DMMP	19700.000
ENDRN	<0.520
ETC6H5	<25.600
FL	223000.000
HG	<0.686
ISODR	<0.600
K	120000.000
MEC6H5	320.000
MG	699000.000
MIBK	<12.900
MXYLEN	<27.000
NA	3530000.000
NIT	106.000
OXAT	8.560
PB	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	8490000.000
T12DCE	<24.000
TCLEE	<26.000
TRCLE	<22.000
XYLEN	<49.400
ZN	70.400

WELL 26057
AQUIFER: DENVER
SCREENED INT.: 46.0- 50.0
BEDROCK DEPTH: 18.3
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	154000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	235000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	127.000
DITH	<1.590
DLDRN	0.097
DMDS	<1.160
DMMP	<15.200
ENDRN	0.062
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	5670.000
MEC6H5	<1.210
MG	28900.000
MIBK	<12.900
MXYLEN	<1.350
NA	391000.000
NIT	11400.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	747000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 26058
AQUIFER: DENVER
SCREENED INT.: 82.9- 87.5
BEDROCK DEPTH: 25.0
BEDROCK LITH.: SS
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	26300.000
CCL4	<2.400
CD	.160
CH2CL2	5.000
CHCL3	8.790
CL	58000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	17.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1480.000
HG	<0.359
ISODR	<0.056
K	2020.000
MEC6H5	<1.210
MG	4150.000
MIBK	<12.900
MXYLEN	<1.350
NA	190000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	269000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 26061
AQUIFER: DENVER
SCREENED INT.: 47.8- 51.2
BEDROCK DEPTH: 27.5
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.415
AS	5.440
BTZ	<1.140
C6H6	<1.340
CA	506000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	29.500
CL	1560000.000
CL6CP	<0.415
CLC6H5	<0.580
CLDAN	<0.760
CPMS	2.350
CPMSO	<1.980
CPMSO2	9.580
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	767.000
DITH	12.600
DLDRN	<0.275
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.300
ETC6H5	<1.280
FL	2420.000
HG	<0.359
ISODR	<0.280
K	4240.000
MEC6H5	<1.210
MG	155000.000
MIBK	<12.900
MXYLEN	<1.350
NA	365000.000
NIT	16.400
OXAT	8.920
PB	<18.600
PPDDE	<0.230
PPDDT	<0.295
SO4	428000.000
T12DCE	<1.200
TCLEE	1.540
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 6066
AQUIFER: DENVER
SCREENED INT.: 49.0- 61.0
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	6.760
BTZ	<1.140
C6H6	4.820
CA	1040000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	3200000.000
CL6CP	<0.083
CLC6H5	8.620
CLDAN	<0.152
CPMS	2.500
CPMSO	<1.980
CPMSO2	<2.240
CR	70.700
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	116.000
DITH	263.000
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3530.000
HG	<0.359
ISODR	<0.056
K	9550.000
MEC6H5	<1.210
MG	276000.000
MIBK	<12.900
MXYLEN	<1.350
NA	615000.000
NIT	108.000
OXAT	49.500
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	689000.000
T12DCE	<1.200
TCLEE	5.700
TRCLE	3.980
XYLEN	<2.470
ZN	<20.100

WELL 26067
AQUIFER: DENVER
SCREENED INT.: 99.0-107.0
BEDROCK DEPTH: 34.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	63600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	166000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	<520.000
MEC6H5	<1.210
MG	2370.000
MIBK	<12.900
MXYLEN	<1.350
NA	332000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	474000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	28.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 26071
AQUIFER: DENVER
SCREENED INT.: 46.0- 54.0
BEDROCK DEPTH: 39.0
BEDROCK LITH.: ST
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	9.370
BTZ	<1.140
C6H6	<1.340
CA	131000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	1.990
CL	519000.000
CL6CP	<0.083
CLC6H5	1.740
CLDAN	<0.152
CPMS	5.980
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	5230.000
DITH	19.800
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1370.000
HG	<0.359
ISODR	<0.056
K	5510.000
MEC6H5	<1.210
MG	39100.000
MIBK	<12.900
MXYLEN	<1.350
NA	458000.000
NIT	<10.000
OXAT	7.640
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	513000.000
T12DCE	<1.200
TCLEE	5.330
TRCLE	<1.100
XYLEN	<2.470
ZN	32.400

WELL 26072
AQUIFER: DENVER
SCREENED INT.: 92.0-104.0
BEDROCK DEPTH: 39.0
BEDROCK LITH.: ST
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	36800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	108000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	1330.000
MEC6H5	<1.210
MG	1720.000
MIBK	<12.900
MXYLEN	<1.350
NA	255000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	279000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	23.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 6073
AQUIFER: ALLUVIUM
SCREENED INT.: 46.2- 50.2
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	8.000
BTZ	<2.000
C6H6	2.320
CA	211000.000
CCL4	6.140
CD	<5.160
CH2CL2	<5.000
CHCL3	15.400
CL	178000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.208
DMDS	<1.800
DMMP	18.100
ENDRN	<0.052
ETC6H5	<1.280
FL	1700.000
HG	<0.480
ISODR	<0.060
K	5460.000
MEC6H5	<1.210
MG	50100.000
MIBK	<12.900
MXYLEN	<1.350
NA	216000.000
NIT	4290.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	724000.000
T12DCE	<1.200
TCLEE	1.320
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 26075
AQUIFER: DENVER
SCREENED INT.: 88.5- 99.5
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	64700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	5.180
CL	38000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	.
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2650.000
MEC6H5	<1.210
MG	5520.000
MIBK	.
MXYLEN	<1.350
NA	263000.000
NIT	<10.000
OXAT	<1.350
PB	24.700
PPDDE	<0.046
PPDDT	<0.059
SO4	332000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	69.800

WELL 26076
AQUIFER: ALLUVIUM
SCREENED INT.: 25.4- 32.5
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	.
BTZ	<1.140
C6H6	<1.340
CA	.
CCL4	<2.400
CD	.
CH2CL2	<5.000
CHCL3	<1.400
CL	.
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	386.000
DITH	<1.590
DLDRN	0.093
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	.
HG	.
ISODR	<0.056
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	.
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	.

WELL 26083
AQUIFER: ALLUVIUM
SCREENED INT.: 17.0- 27.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	9.940
BTZ	<1.140
C6H6	<1.340
CA	40100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	296000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.454
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3820.000
HG	<0.359
ISODR	<0.056
K	4760.000
MEC6H5	<1.210
MG	17600.000
MIBK	<12.900
MXYLEN	<1.350
NA	381000.000
NIT	4280.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	275000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	53.500

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 6084
AQUIFER: DENVER
SCREENED INT.: 70.0- 82.0
BEDROCK DEPTH: 24.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	111000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	130000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3310.000
MEC6H5	<1.210
MG	5780.000
MIBK	<12.900
MXYLEN	<1.350
NA	419000.000
NIT	24.500
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	939000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 26085
AQUIFER: ALLUVIUM
SCREENED INT.: 22.9- 32.1
BEDROCK DEPTH: 32.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.700
AS	28.400
BTZ	<2.000
C6H6	<1.340
CA	504000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	24.200
CL	1740000.000
CL6CP	<0.700
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<5.350
CPMSO2	<22.000
CR	<5.960
CU	<7.940
DBCP	0.214
DCPD	<9.310
DIMP	104.000
DITH	<1.100
DLDRN	<0.600
DMDS	<1.800
DMMP	<30.400
ENDRN	<0.520
ETC6H5	<1.280
FL	2920.000
HG	<0.480
ISODR	<0.600
K	8270.000
MEC6H5	<1.210
MG	181000.000
MIBK	<12.900
MXYLEN	<1.350
NA	648000.000
NIT	1410.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	917000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	8.690
XYLEN	<2.470
ZN	40.900

WELL 26086
AQUIFER: DENVER
SCREENED INT.: 64.0- 74.0
BEDROCK DEPTH: 32.5
BEDROCK LITH.: SS
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	6.470
BTZ	1.620
C6H6	<1.340
CA	245000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	802000.000
CL6CP	<0.083
CLC6H5	3.810
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	17.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	286.000
DITH	23.900
DLDRN	0.121
DMDS	1.160
DMMP	<5.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1490.000
HG	<0.359
ISODR	<0.056
K	3090.000
MEC6H5	<1.210
MG	53600.000
MIBK	<12.900
MXYLEN	<1.350
NA	279000.000
NIT	660.000
OXAT	3.090
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	331000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	25.300

WELL 26088
AQUIFER: ALLUVIUM
SCREENED INT.: 32.0- 36.0
BEDROCK DEPTH: 33.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	515000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	16.100
CL	361000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	12.700
DITH	<1.590
DLDRN	0.455
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1960.000
HG	<0.359
ISODR	<0.056
K	5220.000
MEC6H5	<1.210
MG	158000.000
MIBK	<12.900
MXYLEN	<1.350
NA	368000.000
NIT	4580.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	177000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 26127
AQUIFER: ALLUVIUM
SCREENED INT.: 41.1- 44.5
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	5.100
BTZ	<2.000
C6H6	<1.340
CA	374000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	901000.000
CL6CP	<0.070
CLC6H5	1.040
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	1760.000
DITH	44.300
DLDRN	0.106
DMDS	<1.800
DMMP	<380.000
ENDRN	<0.052
ETC6H5	<1.280
FL	1500.000
HG	<0.480
ISODR	<0.060
K	4340.000
MEC6H5	<1.210
MG	79400.000
MIBK	<12.900
MXYLEN	<1.350
NA	282000.000
NIT	1560.000
OXAT	4.710
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	411000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 26129
AQUIFER: DENVER
SCREENED INT.: 90.0-100.0
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SS
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	6.450
BTZ	<1.140
C6H6	4.500
CA	274000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	890000.000
CL6CP	<0.083
CLC6H5	0.790
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	16.300
CU	<7.940
DBCP	<0.130
DCPD	<16.200
DIMP	214.000
DITH	89.100
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1440.000
HG	<0.359
ISODR	<0.056
K	3770.000
MEC6H5	<1.210
MG	34100.000
MIBK	<12.900
MXYLEN	<1.350
NA	425000.000
NIT	11.400
OXAT	12.800
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	379000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 26133
AQUIFER: ALLUVIUM
SCREENED INT.: 35.0- 55.0
BEDROCK DEPTH: 40.5
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<340.000
112TCE	<1.000
11DCE	<1.100
11DCLE	8.840
12DCLE	<122.000
ALDRN	<1.660
AS	24.600
BTZ	<1.140
C6H6	508.000
CA	308000.000
CCL4	<480.000
CD	<5.160
CH2CL2	1000.000
CHCL3	> 38800.000
CL	2440000.000
CL6CP	<1.660
CLC6H5	28.500
CLDAN	<3.040
CPMS	748.000
CPMSO	26.800
CPMSO2	1280.000
CR	37.300
CU	<7.940
DBCP	35.400
DCPD	703.000
DIMP	1170.000
DITH	37.800
DLDRN	> 0.380
DMDS	1.580
DMMP	> 305.000
ENDRN	<1.200
ETC6H5	7.780
FL	<30500.000
HG	<0.359
ISODR	<1.120
K	20800.000
MEC6H5	<242.000
MG	144000.000
MIBK	172.000
MXYLEN	> 8.930
NA	1380000.000
NIT	464.000
OXAT	15.400
PB	<18.600
PPDDE	<0.920
PPDDT	<1.180
SO4	7840000.000
T12DCE	3.100
TCLEE	926.000
TRCLE	68.700
XYLEN	<494.000
ZN	211.000

WELL 26140
AQUIFER: DENVER
SCREENED INT.: 59.0- 78.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	0.133
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	264000.000
CCL4	<2.400
CD	8.700
CH2CL2	<3.000
CHCL3	16.500
CL	744000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	19.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.411
DMDS	<1.160
DMMP	<15.200
ENDRN	> 0.057
ETC6H5	<1.280
FL	1300.000
HG	<0.359
ISODR	<0.056
K	4100.000
MEC6H5	<1.210
MG	64800.000
MIBK	<12.900
MXYLEN	<1.350
NA	265000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	315000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	89.300

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 6142
AQUIFER: DENVER
SCREENED INT.: 138.0-146.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: 3 SH

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	24400.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	53500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	1.230
DMDS	<1.160
DMMP	<15.200
ENDRN	0.162
ETC6H5	<1.280
FL	1760.000
HG	<0.359
ISODR	<0.056
K	1740.000
MEC6H5	<1.210
MG	2190.000
MIBK	<12.900
MXYLEN	<1.350
NA	169000.000
NIT	51.400
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	227000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 26147
AQUIFER: DENVER
SCREENED INT.: 85.0-105.0
BEDROCK DEPTH: 29.5
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	110000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	214000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	2500.000
MEC6H5	<1.210
MG	5790.000
MIBK	<12.900
MXYLEN	<1.350
NA	388000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	803000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 27001
AQUIFER: ALLUVIUM
SCREENED INT.: 30.4- 46.4
BEDROCK DEPTH: 48.6
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	70400.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.135
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	52400.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27002
AQUIFER: ALLUVIUM
SCREENED INT.: 37.0- 63.5
BEDROCK DEPTH: 69.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	24.800
CL	357000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.370
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1160.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	112000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7003
AQUIFER: ALLUVIUM
SCREENED INT.: 48.8- 59.7
BEDROCK DEPTH: 60.3
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	66400.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.132
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	61700.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27005
AQUIFER: ALLUVIUM
SCREENED INT.: 39.5- 43.5
BEDROCK DEPTH: 43.5
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	70500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	103000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	20.800
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	814.000
MEC6H5	<1.210
MG	13900.000
MIBK	<12.900
MXYLEN	<1.350
NA	81000.000
NIT	221.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	51700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	27.500

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27016
AQUIFER: ALLUVIUM
SCREENED INT.: 21.0- 25.0
BEDROCK DEPTH: 25.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	12.000
BTZ	<2.000
C6H6	<1.340
CA	46700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	608000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	12.900
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	3070.000
HG	<0.480
ISODR	<0.060
K	3030.000
MEC6H5	<1.210
MG	19000.000
MIBK	<12.900
MXYLEN	<1.350
NA	561000.000
NIT	1210.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	375000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 27024
AQUIFER: ALLUVIUM
SCREENED INT.: 36.0- 40.0
BEDROCK DEPTH: 40.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	3.150
ALDRN	<0.083
AS	17.300
BTZ	.
C6H6	.
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	4.180
CL	789000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.371
DCPD	<9.310
DIMP	12.900
DITH	.
DLDRN	0.291
DMDS	.
DMMP	<15.200
ENDRN	0.329
ETC6H5	.
FL	2750.000
HG	.
ISODR	<0.056
K	.
MEC6H5	.
MG	.
MIBK	<12.900
MXYLEN	.
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	618000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	5.010
XYLEN	.
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27026
AQUIFER: ALLUVIUM
SCREENED INT.: 28.0- 32.0
BEDROCK DEPTH: 32.0
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	4.940
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	22.800
CL	777000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.146
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.099
DMDS	.
DMMP	<15.200
ENDRN	0.154
ETC6H5	<0.620
FL	2510.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	293000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27028
AQUIFER: ALLUVIUM
SCREENED INT.: 27.6- 31.6
BEDROCK DEPTH: 36.5
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	20.300
CL	237000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.804
DMDS	.
DMMP	<15.200
ENDRN	0.184
ETC6H5	<0.620
FL	2310.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	172000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27030
AQUIFER: ALLUVIUM
SCREENED INT.: 38.0- 42.0
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	15.900
CL	187000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	1.740
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1860.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	154000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27031
AQUIFER: ALLUVIUM
SCREENED INT.: 39.0- 43.0
BEDROCK DEPTH: 43.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	25.500
CL	178000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.139
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1510.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	149000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27040
AQUIFER: ALLUVIUM
SCREENED INT.: 31.9- 35.3
BEDROCK DEPTH: 33.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	3.840
ALDRN	0.516
AS	19.700
BTZ	<1.140
C6H6	<1.340
CA	200000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	2.940
CL	1030000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	6.440
CPMSO2	<2.240
CR	19.600
CU	<7.940
DBCP	0.403
DCPD	<9.310
DIMP	36.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1990.000
HG	<0.359
ISODR	0.291
K	7090.000
MEC6H5	<1.210
MG	71900.000
MIBK	<12.900
MXYLEN	<1.350
NA	509000.000
NIT	2430.000
OXAT	2.840
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	659000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	7.500
XYLEN	<2.470
ZN	<20.100

WELL 27049
AQUIFER: DENVER
SCREENED INT.: 61.5- 65.0
BEDROCK DEPTH: 37.2
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	113000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	19.400
CL	403000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.136
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1470.000
HG	<0.359
ISODR	<0.056
K	3620.000
MEC6H5	<1.210
MG	34300.000
MIBK	<12.900
MXYLEN	<1.350
NA	234000.000
NIT	3280.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	237000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	3.520
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27051
AQUIFER: ALLUVIUM
SCREENED INT.: 33.8- 53.0
BEDROCK DEPTH: 54.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	83000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	7.650
CL	224000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1500.000
HG	<0.359
ISODR	<0.056
K	2270.000
MEC6H5	<1.210
MG	31500.000
MIBK	<12.900
MXYLEN	<1.350
NA	248000.000
NIT	3450.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	210000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 27053
AQUIFER: ALLUVIUM
SCREENED INT.: 51.7- 66.7
BEDROCK DEPTH: 66.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	74200.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	98900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	10.600
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	5370.000
MEC6H5	<1.210
MG	13900.000
MIBK	<12.900
MXYLEN	<1.350
NA	86900.000
NIT	353.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	45800.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27054
AQUIFER: DENVER
SCREENED INT.: 90.0-105.0
BEDROCK DEPTH: 66.7
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<17.000
112TCE	<5.000
11DCE	<1.100
11DCLE	<12.000
12DCLE	<6.100
ALDRN	.
AS	.
BTZ	.
C6H6	<1.340
CA	.
CCL4	<24.000
CD	.
CH2CL2	<5.000
CHCL3	<14.000
CL	.
CL6CP	.
CLC6H5	<0.580
CLDAN	.
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	.
DMDS	.
DMMP	<15.200
ENDRN	.
ETC6H5	<1.280
FL	.
HG	.
ISODR	.
K	.
MEC6H5	2.170
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	.
PPDDT	.
SO4	.
T12DCE	<12.000
TCLEE	<1.300
TRCLE	1.240
XYLEN	<2.470
ZN	

WELL 27055
AQUIFER: DENVER
SCREENED INT.: 120.0-135.0
BEDROCK DEPTH: 66.7
BEDROCK LITH.: SH
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	4760.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<4800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	39.400
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2580.000
HG	<0.359
ISODR	<0.056
K	7410.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	63400.000
NIT	927.000
OXAT	<1.350
PB	26.200
PPDDE	<0.046
PPDDT	<0.059
SO4	<10000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 27057
AQUIFER: DENVER
SCREENED INT.: 57.0- 62.0
BEDROCK DEPTH: 44.2
BEDROCK LITH.: SS
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	46900.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	48500.000
CL6CP	<0.169
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.103
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2650.000
MEC6H5	<1.210
MG	4630.000
MIBK	<12.900
MXYLEN	<1.350
NA	207000.000
NIT	16200.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	265000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 27062
AQUIFER: ALLUVIUM
SCREENED INT.: 28.6- 43.6
BEDROCK DEPTH: 44.6
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.725
ALDRN	<0.083
AS	9.510
BTZ	<1.140
C6H6	<1.340
CA	198000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	16.500
CL	934000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	4.850
CPMSO2	<2.240
CR	23.700
CU	<7.940
DBCP	0.258
DCPD	<9.310
DIMP	30.400
DITH	<1.590
DLDRN	0.216
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1970.000
HG	<0.359
ISODR	<0.056
K	2340.000
MEC6H5	<1.210
MG	56200.000
MIBK	<12.900
MXYLEN	<1.350
NA	412000.000
NIT	4800.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	434000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	2.160
XYLEN	<2.470
ZN	119.000

WELL 27063
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 60.0
BEDROCK DEPTH: 60.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.166
AS	5.440
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	22.800
CL	698000.000
CL6CP	<0.166
CLC6H5	<1.360
CLDAN	<0.304
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.215
DCPD	<9.310
DIMP	13.900
DITH	.
DLDRN	0.277
DMDS	.
DMMP	<15.200
ENDRN	<0.120
ETC6H5	<0.620
FL	2640.000
HG	.
ISODR	<0.112
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.092
PPDDT	<0.118
SO4	333000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27064
AQUIFER: ALLUVIUM
SCREENED INT.: 44.6- 64.6
BEDROCK DEPTH: 62.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	26.100
CL	256000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	1.590
DLDRN	1.350
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1720.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	194000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 27068
AQUIFER: ALLUVIUM
SCREENED INT.: 45.0- 65.0
BEDROCK DEPTH: 65.2
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.523
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	46.000
CL	359000.000
CL6CP	<0.523
CLC6H5	<1.360
CLDAN	<0.958
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	<0.347
DMDS	.
DMMP	<15.200
ENDRN	<0.378
ETC6H5	<0.620
FL	1440.000
HG	.
ISODR	<0.353
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.290
PPDDT	<0.372
SO4	154000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27071
AQUIFER: ALLUVIUM
SCREENED INT.: 45.0- 65.0
BEDROCK DEPTH: 65.2
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	28.000
CL	211000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.158
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1080.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	107000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27072
AQUIFER: ALLUVIUM
SCREENED INT.: 45.0- 65.0
BEDROCK DEPTH: 63.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	7.720
CL	166000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	71500.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27073
AQUIFER: ALLUVIUM
SCREENED INT.: 43.8- 53.8
BEDROCK DEPTH: 54.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	53.300
CL	364000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.117
DMDS	.
DMMP	<15.200
ENDRN	0.323
ETC6H5	<0.620
FL	1340.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	0.069
SO4	150000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27074
AQUIFER: ALLUVIUM
SCREENED INT.: 28.3- 48.3
BEDROCK DEPTH: 48.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	108000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	27.000
CL	339000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.180
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1250.000
HG	<0.359
ISODR	<0.056
K	5220.000
MEC6H5	<1.210
MG	30100.000
MIBK	<12.900
MXYLEN	<1.350
NA	199000.000
NIT	20700.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	159000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 27075
AQUIFER: ALLUVIUM
SCREENED INT.: 39.5- 59.5
BEDROCK DEPTH: 60.6
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	26.100
CL	234000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.
DLDRN	0.383
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1810.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	199000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27076
AQUIFER: ALLUVIUM
SCREENED INT.: 50.0- 60.0
BEDROCK DEPTH: 61.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	6.710
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	23.300
CL	693000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.182
DCPD	<9.310
DIMP	14.500
DITH	.
DLDRN	0.115
DMDS	.
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2510.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	312000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 27077
AQUIFER: ALLUVIUM
SCREENED INT.: 34.9- 54.9
BEDROCK DEPTH: 57.2
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	9.120
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	18.900
CL	690000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.253
DCPD	<9.310
DIMP	17.800
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	<15.200
ENDRN	0.212
ETC6H5	<0.620
FL	2930.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	404000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	2.070
XYLEN	<1.340
ZN	.

WELL 27078
AQUIFER: ALLUVIUM
SCREENED INT.: 40.2- 50.2
BEDROCK DEPTH: 50.6
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	14.500
BTZ	.
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	813000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	.
CPMSO	.
CPMSO2	.
CR	.
CU	.
DBCP	0.214
DCPD	<9.310
DIMP	.
DITH	.
DLDRN	<0.054
DMDS	.
DMMP	.
ENDRN	<0.060
ETC6H5	<0.620
FL	3250.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	487000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.430
XYLEN	<1.340
ZN	.

WELL 28022
AQUIFER: ALLUVIUM
SCREENED INT.: 47.8- 51.2
BEDROCK DEPTH: 52.8
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	78000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	14.800
CL	31800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	1.720
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3580.000
MEC6H5	<1.210
MG	10900.000
MIBK	<12.900
MXYLEN	<1.350
NA	49100.000
NIT	2170.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	72100.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 28023
AQUIFER: ALLUVIUM
SCREENED INT.: 32.7- 41.9
BEDROCK DEPTH: 52.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	121000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	65900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	10.000
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4160.000
MEC6H5	<1.210
MG	18000.000
MIBK	<12.900
MXYLEN	<1.350
NA	74200.000
NIT	8330.000
OXAT	<1.350
PB	23.400
PPDDE	<0.046
PPDDT	<0.059
SO4	154000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	40.300

WELL 28026
AQUIFER: DENVER
SCREENED INT.: 110.0-120.0
BEDROCK DEPTH: 52.0
BEDROCK LITH.: SH
SCREENED ZONE: 6

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.146
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	4860.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<4800.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.233
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.079
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.085
ETC6H5	<1.280
FL	2490.000
HG	<0.359
ISODR	<0.109
K	675.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	63900.000
NIT	27.400
OXAT	<1.350
PB	23.900
PPDDE	<0.046
PPDDT	<0.097
SO4	12700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 28027
AQUIFER: ALLUVIUM
SCREENED INT.: 39.0- 48.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	68400.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	35900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	6.190
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3560.000
MEC6H5	<1.210
MG	8670.000
MIBK	<12.900
MXYLEN	<1.350
NA	42100.000
NIT	3440.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	53500.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 28028
AQUIFER: DENVER
SCREENED INT.: 57.5- 67.5
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	44200.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	28200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2800.000
MEC6H5	<1.210
MG	3080.000
MIBK	<12.900
MXYLEN	<1.350
NA	80900.000
NIT	199.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	129000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 9009	AQUIFER: ALLUVIUM SCREENED INT.: 9.0- 24.0 BEDROCK DEPTH: 24.0 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM		WELL 30011	AQUIFER: DENVER SCREENED INT.: 123.0-133.0 BEDROCK DEPTH: 24.0 BEDROCK LITH.: SH SCREENED ZONE: 2	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.700		111TCE	<1.700
	112TCE	<1.000		112TCE	<1.000
	11DCE	<1.100		11DCE	<1.100
	11DCLE	<1.200		11DCLE	<1.200
	12DCLE	<0.610		12DCLE	<0.610
	ALDRN	<0.083		ALDRN	<0.083
	AS	<2.500		AS	<2.500
	BTZ	<1.140		BTZ	<1.140
	C6H6	<1.340		C6H6	<1.340
	CA	104000.000		CA	9380.000
	CCL4	<2.400		CCL4	<2.400
	CD	<5.160		CD	<5.160
	CH2CL2	<5.000		CH2CL2	<5.000
	CHCL3	<1.400		CHCL3	<1.400
	CL	93400.000		CL	29300.000
	CL6CP	<0.211		CL6CP	<0.083
	CLC6H5	<0.580		CLC6H5	<0.580
	CLDAN	<0.152		CLDAN	<0.152
	CPMS	<1.080		CPMS	<1.080
	CPMSO	<1.980		CPMSO	<1.980
	CPMSO2	<2.240		CPMSO2	<2.240
	CR	16.300		CR	<5.960
	CU	<7.940		CU	<7.940
	DBCP	<0.130		DBCP	<0.130
	DCPD	<9.310		DCPD	<9.310
	DIMP	<10.500		DIMP	<10.500
	DITH	<1.590		DITH	<1.590
	DLDRN	<0.054		DLDRN	<0.054
	DMDS	<1.160		DMDS	<1.160
	DMMP	<15.200		DMMP	<15.200
	ENDRN	<0.060		ENDRN	<0.060
	ETC6H5	<1.280		ETC6H5	<1.280
	FL	1320.000		FL	2480.000
	HG	<0.359		HG	<0.359
	ISODR	<0.056		ISODR	<0.056
	K	6350.000		K	2100.000
	MEC6H5	<1.210		MEC6H5	<1.210
	MG	37300.000		MG	<500.000
	MIBK	<12.900		MIBK	<12.900
	MXYLEN	<1.350		MXYLEN	<1.350
	NA	160000.000		NA	84100.000
	NIT	8680.000		NIT	24.300
	OXAT	<1.350		OXAT	<1.350
	PB	<18.600		PB	<18.600
	PPDDE	<0.046		PPDDE	<0.046
	PPDDT	<0.059		PPDDT	<0.059
	SO4	447000.000		SO4	<10000.000
	T12DCE	<1.200		T12DCE	<1.200
	TCLEE	<1.300		TCLEE	<1.300
	TRCLE	<1.100		TRCLE	<1.100
	XYLEN	<2.470		XYLEN	<2.470
	ZN	135.000		ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 31005		WELL 32002	
AQUIFER: ALLUVIUM		AQUIFER: DENVER	
SCREENED INT.: 20.0- 45.0		SCREENED INT.: 105.0-115.0	
BEDROCK DEPTH: 43.0		BEDROCK DEPTH: 30.8	
BEDROCK LITH.: SH		BEDROCK LITH.: SH	
SCREENED ZONE: ALLUVIUM		SCREENED ZONE: AL	
COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	187000.000	CA	104000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	178000.000	CL	58900.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	22.500	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	<1220.000	FL	<1220.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	2860.000	K	.
MEC6H5	<1.210	MEC6H5	<1.210
MG	59400 000	MG	1990.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	208000.000	NA	230000.000
NIT	388.000	NIT	<10.000
OXAT	<1.350	OXAT	<1.350
PB	<18.600	PB	64.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	602000.000	SO4	698000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	43.000	ZN	34.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 33001
AQUIFER: ALLUVIUM
SCREENED INT.: 60.2- 78.6
BEDROCK DEPTH: 77.3
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	47500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	27000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	2990.000
MEC6H5	<1.210
MG	6240.000
MIBK	<12.900
MXYLEN	<1.350
NA	41000.000
NIT	1400.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	36300.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<40.200

WELL 33002
AQUIFER: ALLUVIUM
SCREENED INT.: 103.9-111.5
BEDROCK DEPTH: 112.1
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	8.230
CA	181000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	122000.000
CL6CP	<0.083
CLC6H5	32.700
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	5800.000
MEC6H5	<1.210
MG	19500.000
MIBK	<12.900
MXYLEN	<1.350
NA	101000.000
NIT	7260.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	332000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	9.470
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 33016
AQUIFER: DENVER
SCREENED INT.: 75.0- 85.0
BEDROCK DEPTH: 60.9
BEDROCK LITH.: SS
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	29600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	9450.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	9.090
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1430.000
HG	<0.359
ISODR	<0.056
K	1530.000
MEC6H5	<1.210
MG	1960.000
MIBK	<12.900
MXYLEN	<1.350
NA	57800.000
NIT	3900.000
OXAT	<1.350
PB	22.200
PPDDE	<0.046
PPDDT	<0.059
SO4	52600.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	25.200

WELL 33026
AQUIFER: DENVER
SCREENED INT.: 98.0-108.0
BEDROCK DEPTH: 63.0
BEDROCK LITH.: SH
SCREENED ZONE: 7

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	8700.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	11200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1820.000
HG	<0.359
ISODR	<0.056
K	<520.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	62800.000
NIT	2810.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	57700.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	44.700

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 33030
AQUIFER: ALLUVIUM
SCREENED INT.: 55.0-115.0
BEDROCK DEPTH: 117.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	126000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	81400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	6.490
CU	<7.940
DBCP	0.786
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4160.000
MEC6H5	<1.210
MG	16600.000
MIBK	<12.900
MXYLEN	<1.350
NA	64400.000
NIT	14200.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	154000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<40.200

WELL 33032
AQUIFER: DENVER
SCREENED INT.: 190.0-200.0
BEDROCK DEPTH: 117.5
BEDROCK LITH.: SH
SCREENED ZONE: 7

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	40100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	<4800.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	8.320
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1680.000
HG	<0.359
ISODR	<0.056
K	2770.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	85300.000
NIT	9910.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	13400.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	65.600

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 33033
AQUIFER: ALLUVIUM
SCREENED INT.: 38.7- 53.7
BEDROCK DEPTH: 53.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	84500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	43500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4340.000
MEC6H5	<1.210
MG	9700.000
MIBK	<12.900
MXYLEN	<1.350
NA	44100.000
NIT	7330.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	76200.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	71.700

WELL 33034
AQUIFER: DENVER
SCREENED INT.: 74.0- 84.0
BEDROCK DEPTH: 53.7
BEDROCK LITH.: SH
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	33800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	29900.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1450.000
HG	<0.359
ISODR	<0.056
K	2630.000
MEC6H5	<1.210
MG	2560.000
MIBK	<12.900
MXYLEN	<1.350
NA	72300.000
NIT	576.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	144000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<40.200

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 3039
AQUIFER: ALLUVIUM
SCREENED INT.: 45.8- 55.8
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	113000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	72100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	0.416
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4960.000
MEC6H5	<1.210
MG	41600.000
MIBK	<12.900
MXYLEN	<1.350
NA	194000.000
NIT	9530.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	142000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	6.170
XYLEN	<2.470
ZN	48.500

WELL 33063
AQUIFER: ALLUVIUM
SCREENED INT.: 68.0- 78.0
BEDROCK DEPTH: 78.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	132000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	81000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	8.810
CU	<7.940
DBCP	3.210
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5030.000
MEC6H5	<1.210
MG	14600.000
MIBK	<12.900
MXYLEN	<1.350
NA	62000.000
NIT	8290.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	142000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	98.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 33075
AQUIFER: ALLUVIUM
SCREENED INT.: 57.4- 77.4
BEDROCK DEPTH: 99.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	25.800
112TCE	<1.000
11DCE	8.090
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	122000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	72600.000
CL6CP	<0.083
CLC6H5	0.582
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	6.120
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4710.000
MEC6H5	<1.210
MG	10700.000
MIBK	<12.900
MXYLEN	<1.350
NA	56900.000
NIT	9770.000
OXAT	<1.350
PB	<37.200
PPDDE	<0.046
PPDDT	<0.059
SO4	164000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	33.700
XYLEN	<2.470
ZN	53.300

WELL 33077
AQUIFER: ALLUVIUM
SCREENED INT.: 107.5-127.5
BEDROCK DEPTH: 127.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	.
CCL4	<2.400
CD	.
CH2CL2	<5.000
CHCL3	<1.400
CL	51000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4110.000
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	8630.000
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	107000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	5.160
XYLEN	<2.470
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 4002
AQUIFER: ALLUVIUM
SCREENED INT.: 68.5- 83.7
BEDROCK DEPTH: 83.7
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	61000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	105000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.790
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	4270.000
MEC6H5	<1.210
MG	12800.000
MIBK	<12.900
MXYLEN	<1.350
NA	75900.000
NIT	261.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	46900.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	28.000

WELL 34003
AQUIFER: DENVER
SCREENED INT.: 122.0-132.0
BEDROCK DEPTH: 83.7
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	8450.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	5600.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2200.000
HG	<0.359
ISODR	<0.056
K	680.000
MEC6H5	<1.210
MG	<500.000
MIBK	<12.900
MXYLEN	<1.350
NA	57100.000
NIT	29.100
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	13500.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 34005
AQUIFER: ALLUVIUM
SCREENED INT.: 61.0- 71.0
BEDROCK DEPTH: 71.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	126000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	28.300
CL	379000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.802
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4860.000
MEC6H5	<1.210
MG	27100.000
MIBK	<12.900
MXYLEN	<1.350
NA	227000.000
NIT	10800.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	148000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	40.400

WELL 34006
AQUIFER: DENVER
SCREENED INT.: 85.0- 95.0
BEDROCK DEPTH: 71.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	95300.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	321000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1240.000
HG	<0.359
ISODR	<0.056
K	2210.000
MEC6H5	<1.210
MG	7140.000
MIBK	<12.900
MXYLEN	<1.350
NA	213000.000
NIT	20.900
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	156000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	56.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 14008
AQUIFER: ALLUVIUM
SCREENED INT.: 54.5- 84.5
BEDROCK DEPTH: 84.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	75900.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	98100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.098
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3550.000
MEC6H5	<1.210
MG	15500.000
MIBK	<12.900
MXYLEN	<1.350
NA	79300.000
NIT	674.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	68100.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 34009
AQUIFER: DENVER
SCREENED INT.: 100.0-110.0
BEDROCK DEPTH: 84.5
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	21000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	7520.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1410.000
HG	<0.359
ISODR	<0.056
K	1330.000
MEC6H5	<1.210
MG	1790.000
MIBK	<12.900
MXYLEN	<1.350
NA	49400.000
NIT	14.700
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	53600.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 34507
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	138000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	20.300
CL	450000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	11.700
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.286
DMDS	<1.160
DMMP	<15.200
ENDRN	0.506
ETC6H5	<1.280
FL	1200.000
HG	<0.359
ISODR	<0.056
K	4670.000
MEC6H5	<1.210
MG	49600.000
MIBK	<12.900
MXYLEN	<1.350
NA	204000.000
NIT	10800.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	166000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 34508
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	.
BTZ	<1.140
C6H6	<1.340
CA	.
CCL4	<2.400
CD	.
CH2CL2	<5.000
CHCL3	16.500
CL	528000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.088
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1340.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<1.210
MG	.
MIBK	<12.900
MXYLEN	<1.350
NA	.
NIT	7820.000
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	163000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	1.100
XYLEN	<2.470
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 14515
AQUIFER: ALLUVIUM
SCREENED INT.: 40.0- 50.0
BEDROCK DEPTH: 65.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	124000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	63000.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	21.200
CU	16.800
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	3980.000
MEC6H5	<1.210
MG	24000.000
MIBK	<12.900
MXYLEN	<1.350
NA	68800.000
NIT	10100.000
OXAT	<1.350
PB	20.300
PPDDE	<0.046
PPDDT	<0.059
SO4	140000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	76.700

WELL 35013
AQUIFER: DENVER
SCREENED INT.: 26.0- 29.4
BEDROCK DEPTH: 8.5
BEDROCK LITH.: SH
SCREENED ZONE: A

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	4.410
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	107000.000
CCL4	52.000
CD	<5.160
CH2CL2	<5.000
CHCL3	12.200
CL	102000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	48.600
CU	15.700
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	5160.000
MEC6H5	<1.210
MG	41200.000
MIBK	<12.900
MXYLEN	<1.350
NA	135000.000
NIT	17400.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	179000.000
T12DCE	<1.200
TCLEE	6.100
TRCLE	9.830
XYLEN	<2.470
ZN	131.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35016
AQUIFER: DENVER
SCREENED INT.: 37.0- 40.4
BEDROCK DEPTH: 18.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	7.430
BTZ	3.560
C6H6	<1.340
CA	551000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	1610000.000
CL6CP	<0.083
CLC6H5	19.500
CLDAN	<0.152
CPMS	1.250
CPMSO	<1.980
CPMSO2	<2.240
CR	45.900
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	5350.000
DITH	183.000
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2150.000
HG	<0.359
ISODR	<0.056
K	7190.000
MEC6H5	<1.210
MG	90300.000
MIBK	<12.900
MXYLEN	<1.350
NA	446000.000
NIT	176.000
OXAT	16.900
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	473000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	2.550
XYLEN	<2.470
ZN	<20.100

WELL 35017
AQUIFER: DENVER
SCREENED INT.: 88.4- 91.8
BEDROCK DEPTH: 18.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	13900.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	49400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.065
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1530.000
HG	<0.359
ISODR	<0.056
K	1620.000
MEC6H5	<1.210
MG	623.000
MIBK	<12.900
MXYLEN	<1.350
NA	167000.000
NIT	34.700
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	187000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35023
AQUIFER: ALLUVIUM
SCREENED INT.: 21.8- 25.2
BEDROCK DEPTH: 25.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	1.610
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	1.240
C6H6	<1.340
CA	93000.000
CCL4	<2.400
CD	<5.160
CH2CL2	7.090
CHCL3	1530.000
CL	170000.000
CL6CP	<0.083
CLC6H5	4.330
CLDAN	<0.152
CPMS	2.530
CPMSO	14.400
CPMSO2	29.200
CR	<5.960
CU	<7.940
DBCP	2.430
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3610.000
MEC6H5	<1.210
MG	26000.000
MIBK	<12.900
MXYLEN	<1.350
NA	133000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	168000.000
T12DCE	<1.200
TCLEE	3.910
TRCLE	<1.100
XYLEN	<2.470
ZN	50.800

WELL 35036
AQUIFER: DENVER
SCREENED INT.: 74.0- 89.0
BEDROCK DEPTH: 17.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	103000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	62100.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2800.000
MEC6H5	<1.210
MG	6730.000
MIBK	<12.900
MXYLEN	<1.350
NA	315000.000
NIT	11.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	635000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35037
AQUIFER: ALLUVIUM
SCREENED INT.: 30.0- 39.1
BEDROCK DEPTH: 37.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	157000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	10.400
CL	246000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	172.000
CU	174.000
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	1.760
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1870.000
HG	<0.359
ISODR	<0.056
K	5380.000
MEC6H5	<1.210
MG	65100.000
MIBK	<12.900
MXYLEN	<1.350
NA	238000.000
NIT	4320.000
OXAT	<1.350
PB	120.000
PPDDE	<0.046
PPDDT	<0.059
SO4	277000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	589.000

WELL 35038
AQUIFER: DENVER
SCREENED INT.: 59.0- 67.0
BEDROCK DEPTH: 37.0
BEDROCK LITH.: SH
SCREENED ZONE: 1

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	71500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	36200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2650.000
MEC6H5	<1.210
MG	14500.000
MIBK	<12.900
MXYLEN	<1.350
NA	213000.000
NIT	4420.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	249000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 5039
AQUIFER: DENVER
SCREENED INT.: 100.0-112.0
BEDROCK DEPTH: 37.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	59100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	46500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	1620.000
MEC6H5	<1.210
MG	3140.000
MIBK	<12.900
MXYLEN	<1.350
NA	258000.000
NIT	50.400
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	376000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	66.400

WELL 35052
AQUIFER: ALLUVIUM
SCREENED INT.: 15.0- 20.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	455000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	750000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	109.000
CU	47.900
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	1.650
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	19300.000
MEC6H5	<1.210
MG	59100.000
MIBK	<12.900
MXYLEN	<1.350
NA	237000.000
NIT	9630.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	280000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	210.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35054
AQUIFER: DENVER
SCREENED INT.: 66.0- 76.0
BEDROCK DEPTH: 48.0
BEDROCK LITH.: SH
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	236000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	24500.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	15.200
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	4790.000
MEC6H5	<1.210
MG	45200.000
MIBK	<12.900
MXYLEN	<1.350
NA	465000.000
NIT	131.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1400000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 35056
AQUIFER: DENVER
SCREENED INT.: 110.0-145.0
BEDROCK DEPTH: 10.1
BEDROCK LITH.: SS
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	57000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	83700.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	1620.000
MEC6H5	<1.210
MG	615.000
MIBK	<12.900
MXYLEN	<1.350
NA	219000.000
NIT	<10.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	411000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35058
AQUIFER: ALLUVIUM
SCREENED INT.: 15.5- 35.5
BEDROCK DEPTH: 33.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	74600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	5.260
CL	151000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	20.300
CU	19.800
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	1.220
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1750.000
HG	<0.359
ISODR	<0.056
K	4420.000
MEC6H5	<1.210
MG	29100.000
MIBK	<12.900
MXYLEN	<1.350
NA	194000.000
NIT	4690.000
OXAT	<1.350
PB	25.500
PPDDE	<0.046
PPDDT	<0.059
SO4	155000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	78.500

WELL 35061
AQUIFER: ALLUVIUM
SCREENED INT.: 35.0- 40.0
BEDROCK DEPTH: 40.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	300000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	227000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	56.700
CU	25.500
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2390.000
HG	<0.359
ISODR	<0.056
K	5750.000
MEC6H5	<1.210
MG	77100.000
MIBK	<12.900
MXYLEN	<1.350
NA	294000.000
NIT	12700.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1050000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	131.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35062
AQUIFER: DENVER
SCREENED INT.: 66.5- 81.5
BEDROCK DEPTH: 40.0
BEDROCK LITH.: SH
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	209000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	35400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	17.100
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1180.000
HG	<0.359
ISODR	<0.056
K	4490.000
MEC6H5	<1.210
MG	28700.000
MIBK	<12.900
MXYLEN	<1.350
NA	523000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1340000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	43.200

WELL 35063
AQUIFER: DENVER
SCREENED INT.: 96.0-116.0
BEDROCK DEPTH: 40.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	50200.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	57200.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1200.000
HG	<0.359
ISODR	<0.056
K	1620.000
MEC6H5	<1.210
MG	1540.000
MIBK	<12.900
MXYLEN	<1.350
NA	274000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	525000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	24.700

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 15065
AQUIFER: ALLUVIUM
SCREENED INT.: 16.0- 31.0
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	0.830
AS	12.000
BTZ	<1.140
C6H6	<1.340
CA	700000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	479000.000
CL6CP	<0.083
CLC6H5	5.870
CLDAN	<0.152
CPMS	<1.080
CPMSO	9.510
CPMSO2	494.000
CR	191.000
CU	92.900
DBCP	0.189
DCPD	58.600
DIMP	1340.000
DITH	48.800
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	4020.000
HG	<0.359
ISODR	<0.056
K	6650.000
MEC6H5	<1.210
MG	352000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1300000.000
NIT	4020.000
OXAT	8.020
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	3970000.000
T12DCE	<1.200
TCLEE	23.300
TRCLE	9.810
XYLEN	<2.470
ZN	367.000

WELL 35066
AQUIFER: DENVER
SCREENED INT.: 40.5- 55.5
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	12.100
BTZ	<1.140
C6H6	<1.340
CA	575000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	1.910
CL	2100000.000
CL6CP	<0.083
CLC6H5	2.330
CLDAN	<0.152
CPMS	3.640
CPMSO	<1.980
CPMSO2	<2.240
CR	73.900
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	2710.000
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	4830.000
HG	1.970
ISODR	<0.056
K	8830.000
MEC6H5	<1.210
MG	355000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1190000.000
NIT	3070.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2790000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 35067
AQUIFER: DENVER
SCREENED INT.: 60.0- 83.0
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	285000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	133000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	19.400
CU	9.400
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1630.000
HG	<0.359
ISODR	<0.056
K	5160.000
MEC6H5	<1.210
MG	71200.000
MIBK	<12.900
MXYLEN	<1.350
NA	521000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1420000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	63.000

WELL 35068
AQUIFER: DENVER
SCREENED INT.: 99.0-159.0
BEDROCK DEPTH: 32.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 2 & 3

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	75600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	54200.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1280.000
HG	<0.359
ISODR	<0.056
K	1330.000
MEC6H5	<1.210
MG	5950.000
MIBK	<12.900
MXYLEN	<1.350
NA	279000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	537000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 16001
AQUIFER: ALLUVIUM
SCREENED INT.: 10.5- 20.0
BEDROCK DEPTH: 17.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<850.000
112TCE	<500.000
11DCE	<550.000
11DCLE	<600.000
12DCLE	<305.000
ALDRN	<0.083
AS	3.640
BTZ	<1.140
C6H6	25000.000
CA	86300.000
CCL4	<1200.000
CD	<5.160
CH2CL2	<2500.000
CHCL3	4870.000
CL	175000.000
CL6CP	<0.169
CLC6H5	31200.000
CLDAN	<0.152
CPMS	113.000
CPMSO	<1.980
CPMSO2	154.000
CR	<5.960
CU	9.780
DBCP	278.000
DCPD	.
DIMP	<10.500
DITH	1.690
DLDRN	1.230
DMDS	47.100
DMMP	132.000
ENDRN	<0.060
ETC6H5	<640.000
FL	2600.000
HG	1.900
ISODR	<0.056
K	3260.000
MEC6H5	<605.000
MG	34500.000
MIBK	.
MXYLEN	<675.000
NA	292000.000
NIT	56.800
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	166000.000
T12DCE	<600.000
TCLEE	<650.000
TRCLE	2840.000
XYLEN	<1240.000
ZN	<101.000

WELL 36056
AQUIFER: DENVER
SCREENED INT.: 26.5- 30.5
BEDROCK DEPTH: 24.5
BEDROCK LITH.: ST
SCREENED ZONE: VC

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	1.700
11DCLE	3.770
12DCLE	474.000
ALDRN	<2.080
AS	103.000
BTZ	<1.140
C6H6	16000.000
CA	1060000.000
CCL4	<2.400
CD	<5.160
CH2CL2	7340.000
CHCL3	1920.000
CL	3640000.000
CL6CP	<2.080
CLC6H5	1170.000
CLDAN	<3.800
CPMS	63.800
CPMSO	392.000
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	1.550
DCPD	<9.310
DIMP	164.000
DITH	7760.000
DLDRN	2.340
DMDS	11.400
DMMP	<15.200
ENDRN	<1.500
ETC6H5	> 8.090
FL	6230.000
HG	11.300
ISODR	<1.400
K	6610.000
MEC6H5	> 8.890
MG	356000.000
MIBK	<12.900
MXYLEN	> 8.930
NA	1480000.000
NIT	127.000
OXAT	1550.000
PB	<18.600
PPDDE	<1.150
PPDDT	<1.480
SO4	1960000.000
T12DCE	14.000
TCLEE	184.000
TRCLE	146.000
XYLEN	> 18.100
ZN	22.400

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 36065
AQUIFER: ALLUVIUM
SCREENED INT.: 17.6- 21.0
BEDROCK DEPTH: 22.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	1.510
CA	501000.000
CCL4	16.400
CD	<5.160
CH2CL2	<5.000
CHCL3	57.500
CL	279000.000
CL6CP	<0.083
CLC6H5	0.980
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	32.400
CU	<7.940
DBCP	1.520
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2890.000
HG	<0.359
ISODR	<0.056
K	3350.000
MEC6H5	<1.210
MG	119000.000
MIBK	<12.900
MXYLEN	<1.350
NA	485000.000
NIT	3170.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2090000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	32.600
XYLEN	<2.470
ZN	<101.000

WELL 36066
AQUIFER: DENVER
SCREENED INT.: 73.3- 76.7
BEDROCK DEPTH: 22.5
BEDROCK LITH.: SH
SCREENED ZONE: AL

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	69800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	57700.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	2540.000
MEC6H5	<1.210
MG	7220.000
MIBK	<12.900
MXYLEN	<1.350
NA	671000.000
NIT	49.400
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1270000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 6069	AQUIFER: DENVER	WELL 36075	AQUIFER: ALLUVIUM
	SCREENED INT.: 17.5- 22.5		SCREENED INT.: 7.6- 11.0
	BEDROCK DEPTH: 9.7		BEDROCK DEPTH: 14.5
	BEDROCK LITH.: SH		BEDROCK LITH.: SH
	SCREENED ZONE: VCE		SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.340	C6H6	<1.340
CA	76300.000	CA	106000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	136.000	CHCL3	1.440
CL	246000.000	CL	137000.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	<5.960	CR	9.690
CU	<7.940	CU	9.480
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<16.200
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<1.280
FL	2330.000	FL	3530.000
HG	<0.359	HG	<0.359
ISODR	<0.056	ISODR	<0.056
K	4170.000	K	2800.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	18900.000	MG	47200.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	323000.000	NA	373000.000
NIT	23400.000	NIT	15400.000
OXAT	<1.350	OXAT	<1.350
PB	<18.600	PB	<18.600
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	419000.000	SO4	776000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	1.740
XYLEN	<2.470	XYLEN	<2.470
ZN	34.900	ZN	<101.000

WELL 36076
AQUIFER: ALLUVIUM
SCREENED INT.: 13.5- 16.9
BEDROCK DEPTH: 29.5
BEDROCK LITH.: ST
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<850.000
112TCE	3.790
11DCE	6.990
11DCLE	9.740
12DCLE	<305.000
ALDRN	<0.830
AS	315.000
BTZ	7.730
C6H6	1420.000
CA	180000.000
CCL4	<1200.000
CD	<5.160
CH2CL2	5780.000
CHCL3	11100.000
CL	791000.000
CL6CP	<0.830
CLC6H5	19600.000
CLDAN	<1.520
CPMS	20.800
CPMSO	10.800
CPMSO2	1390.000
CR	15.800
CU	10.400
DBCP	0.586
DCPD	<9.310
DIMP	<10.500
DITH	33.300
DLDRN	<0.550
DMDS	8.990
DMMP	<15.200
ENDRN	<0.600
ETC6H5	<1.280
FL	2300.000
HG	<0.359
ISODR	<0.560
K	11100.000
MEC6H5	8.890
MG	33600.000
MIBK	16.200
MXYLEN	1.520
NA	739000.000
NIT	2010.000
OXAT	26.100
PB	<18.600
PPDDE	<0.460
PPDDT	<0.590
SO4	752000.000
T12DCE	9.560
TCLEE	9.160
TRCLE	16.500
XYLEN	<2.470
ZN	<101.000

WELL 36083
AQUIFER: DENVER
SCREENED INT.: 79.0- 82.4
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<25.200
BTZ	<1.140
C6H6	<1.340
CA	364000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	226000.000
CL6CP	<0.169
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	34.600
CU	9.390
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	5250.000
HG	<0.359
ISODR	<0.056
K	8070.000
MEC6H5	<1.210
MG	141000.000
MIBK	<12.900
MXYLEN	<1.350
NA	3830000.000
NIT	13.500
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	8710000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	208.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 36084
AQUIFER: ALLUVIUM
SCREENED INT.: 7.6- 11.6
BEDROCK DEPTH: 25.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	36.800
11DCE	<1.100
11DCLE	<1.200
12DCLE	11.900
ALDRN	<2.080
AS	131.000
BTZ	5.270
C6H6	8.470
CA	893000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	34.500
CL	6230000.000
CL6CP	<2.080
CLC6H5	4.710
CLDAN	<3.800
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	58.600
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	12100.000
DITH	498.000
DLDRN	<1.380
DMDS	<1.160
DMMP	<15.200
ENDRN	<1.500
ETC6H5	<1.280
FL	9590.000
HG	<0.359
ISODR	<1.400
K	30100.000
MEC6H5	<1.210
MG	361000.000
MIBK	<12.900
MXYLEN	<1.350
NA	3410000.000
NIT	609.000
OXAT	68.600
PB	<18.600
PPDDE	<1.150
PPDDT	<1.480
SO4	2980000.000
T12DCE	56.700
TCLEE	8.760
TRCLE	> 194.000
XYLEN	<2.470
ZN	34.000

WELL 36090
AQUIFER: DENVER
SCREENED INT.: 21.9- 25.3
BEDROCK DEPTH: 20.0
BEDROCK LITH.: SH
SCREENED ZONE: VC

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	4.470
11DCE	<1.100
11DCLE	<1.200
12DCLE	265.000
ALDRN	<0.083
AS	26.000
BTZ	14.600
C6H6	<1.340
CA	1180000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	3.990
CL	2590000.000
CL6CP	<0.083
CLC6H5	55.900
CLDAN	<0.152
CPMS	8.460
CPMSO	<1.980
CPMSO2	<2.240
CR	62.800
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	13.200
DITH	1110.000
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	2.840
FL	3820.000
HG	<0.359
ISODR	<0.056
K	7190.000
MEC6H5	<1.210
MG	288000.000
MIBK	<12.900
MXYLEN	<1.350
NA	796000.000
NIT	255.000
OXAT	1170.000
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2070000.000
T12DCE	14.900
TCLEE	23.600
TRCLE	175.000
XYLEN	<2.470
ZN	36.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 36110
AQUIFER: DENVER
SCREENED INT.: 61.8- 65.2
BEDROCK DEPTH: 27.1
BEDROCK LITH.: SH
SCREENED ZONE: AS

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.610
ALDRN	<0.083
AS	26.700
BTZ	<1.140
C6H6	<1.340
CA	250000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	91.600
CL	145000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	3.650
CR	21.200
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.050
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	2020.000
HG	<0.359
ISODR	<0.056
K	4680.000
MEC6H5	<1.210
MG	68800.000
MIBK	<12.900
MXYLEN	<1.350
NA	680000.000
NIT	690.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1910000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 36112
AQUIFER: ALLUVIUM
SCREENED INT.: 23.0- 33.0
BEDROCK DEPTH: 33.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	0.750
ALDRN	<0.117
AS	19.900
BTZ	<1.140
C6H6	<1.340
CA	733000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	2460000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	6.110
CPMSO	<1.980
CPMSO2	<2.240
CR	55.100
CU	<7.940
DBCP	<0.130
DCPD	<21.600
DIMP	144.000
DITH	415.000
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	3030.000
HG	<0.359
ISODR	<0.056
K	8080.000
MEC6H5	<1.210
MG	242000.000
MIBK	<12.900
MXYLEN	<1.350
NA	498000.000
NIT	2750.000
OXAT	60.100
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	835000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 6113
AQUIFER: DENVER
SCREENED INT.: 65.5- 80.5
BEDROCK DEPTH: 33.0
BEDROCK LITH.: SH
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	1.670
CA	47800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	14300.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	5510.000
MEC6H5	<1.210
MG	5260.000
MIBK	<12.900
MXYLEN	<1.350
NA	183000.000
NIT	75.300
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	299000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 36114
AQUIFER: DENVER
SCREENED INT.: 101.2-146.2
BEDROCK DEPTH: 33.0
BEDROCK LITH.: SH
SCREENED ZONE: 1 2

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	91400.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	189000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1220.000
HG	<0.359
ISODR	<0.056
K	2270.000
MEC6H5	<1.210
MG	2620.000
MIBK	<12.900
MXYLEN	<1.350
NA	376000.000
NIT	44.400
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	628000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 36117
AQUIFER: DENVER
SCREENED INT.: 61.0- 76.0
BEDROCK DEPTH: 12.5
BEDROCK LITH.: SH
SCREENED ZONE: AM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.146
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	102000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	10000.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.233
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.124
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.085
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.109
K	3890.000
MEC6H5	<1.210
MG	19500.000
MIBK	<12.900
MXYLEN	<1.350
NA	195000.000
NIT	167.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.097
SO4	241000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	24.200

WELL 36119
AQUIFER: DENVER
SCREENED INT.: 81.0- 91.0
BEDROCK DEPTH: 9.0
BEDROCK LITH.: SH
SCREENED ZONE: AM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	11800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	19400.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	1740.000
MEC6H5	<1.210
MG	995.000
MIBK	<12.900
MXYLEN	<1.350
NA	169000.000
NIT	161.000
OXAT	<1.350
PB	28.400
PPDDE	<0.046
PPDDT	<0.059
SO4	207000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	23.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 36121
AQUIFER: DENVER
SCREENED INT.: 48.0- 53.0
BEDROCK DEPTH: 17.5
BEDROCK LITH.: SH
SCREENED ZONE: AM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	366000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	218000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	25.900
CU	<7.940
DBCP	<0.130
DCPD	<16.200
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	1860.000
HG	<0.359
ISODR	<0.056
K	7000.000
MEC6H5	<1.210
MG	79800.000
MIBK	<12.900
MXYLEN	<1.350
NA	804000.000
NIT	4080.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2080000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<101.000

WELL 36122
AQUIFER: DENVER
SCREENED INT.: 70.0- 80.0
BEDROCK DEPTH: 17.5
BEDROCK LITH.: SH
SCREENED ZONE: AM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	1.630
CA	109000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	164000.000
CL6CP	<0.083
CLC6H5	<0.580
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.056
K	3890.000
MEC6H5	<1.210
MG	7560.000
MIBK	<12.900
MXYLEN	<1.350
NA	501000.000
NIT	56.100
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1020000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	33.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 36139
AQUIFER: DENVER
SCREENED INT.: 15.0- 30.0
BEDROCK DEPTH: 14.0
BEDROCK LITH.: SS
SCREENED ZONE: AS

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	20.400
ALDRN	<0.415
AS	74.900
BTZ	6.790
C6H6	<1.340
CA	1330000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	25.400
CL	4410000.000
CL6CP	<0.415
CLC6H5	<0.580
CLDAN	<0.760
CPMS	3.790
CPMSO	<1.980
CPMSO2	<2.240
CR	81.900
CU	<7.940
DBCP	<0.130
DCPD	9.310
DIMP	417.000
DITH	302.000
DLDRN	<0.275
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.300
ETC6H5	<1.280
FL	1190.000
HG	<0.359
ISODR	<0.280
K	32900.000
MEC6H5	<1.210
MG	262000.000
MIBK	<12.900
MXYLEN	<1.350
NA	1260000.000
NIT	811.000
OXAT	58.900
PB	<18.600
PPDDE	<0.230
PPDDT	<0.295
SO4	1950000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	154.000

WELL 36154
AQUIFER: DENVER
SCREENED INT.: 132.0-142.0
BEDROCK DEPTH: 11.5
BEDROCK LITH.: ST
SCREENED ZONE: 1U

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.146
AS	<2.500
BTZ	<1.140
C6H6	<1.340
CA	37100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	142000.000
CL6CP	<0.211
CLC6H5	<0.580
CLDAN	<0.233
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.079
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.085
ETC6H5	<1.280
FL	<1220.000
HG	<0.359
ISODR	<0.109
K	1470.000
MEC6H5	<1.210
MG	751.000
MIBK	<12.900
MXYLEN	<1.350
NA	278000.000
NIT	47.900
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.097
SO4	401000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37308
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 20.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	1.690
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	120000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	275000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	59.100
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	54.100
DIMP	78.400
DITH	<1.100
DLDRN	0.291
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2090.000
HG	<0.240
ISODR	<0.060
K	4130.000
MEC6H5	<1.210
MG	68100.000
MIBK	<12.900
MXYLEN	<1.350
NA	272000.000
NIT	667.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	430000.000
T12DCE	<1.200
TCLEE	14.400
TRCLE	<1.100
XYLEN	<2.470
ZN	21.600

WELL 37309
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 23.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	6.270
ALDRN	<0.700
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	144000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	624000.000
CL6CP	<0.700
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	27.100
CPMSO2	32.600
CR	<5.960
CU	<7.940
DBCP	0.176
DCPD	475.000
DIMP	829.000
DITH	6.480
DLDRN	<0.600
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.520
ETC6H5	<1.280
FL	2790.000
HG	<0.240
ISODR	<0.600
K	2580.000
MEC6H5	<1.210
MG	71400.000
MIBK	<12.900
MXYLEN	<1.350
NA	539000.000
NIT	2180.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.530
PPDDT	<0.700
SO4	591000.000
T12DCE	<1.200
TCLEE	45.400
TRCLE	3.160
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37312
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 13.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	135000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	258000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	1.620
DMDS	<1.800
DMMP	<15.200
ENDRN	1.510
ETC6H5	<1.280
FL	90.000
HG	<0.240
ISODR	<0.060
K	2430.000
MEC6H5	<1.210
MG	72500.000
MIBK	<12.900
MXYLEN	<1.350
NA	250000.000
NIT	1020.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	481000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 37313
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 28.8
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	270000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	730000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	2170.000
DITH	8.970
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	2030.000
HG	<0.240
ISODR	<0.060
K	12300.000
MEC6H5	<1.210
MG	> 400000.000
MIBK	<12.900
MXYLEN	<1.350
NA	600000.000
NIT	85.400
OXAT	<2.000
PB	23.300
PPDDE	<0.053
PPDDT	<0.070
SO4	1030000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	22.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7316		WELL 37317	
AQUIFER: DENVER		AQUIFER: DENVER	
SCREENED INT.:	88.1- 96.2	SCREENED INT.:	51.2- 60.6
BEDROCK DEPTH:	31.0	BEDROCK DEPTH:	31.1
BEDROCK LITH.:	SH	BEDROCK LITH.:	SH
SCREENED ZONE:	5	SCREENED ZONE:	4

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.090
112TCE	<1.630	112TCE	<1.630
11DCE	<1.850	11DCE	<1.850
11DCLE	<1.930	11DCLE	<1.930
12DCLE	<2.070	12DCLE	<2.070
ALDRN	<0.083	ALDRN	<0.083
AS	<2.500	AS	<2.500
BTZ	<1.140	BTZ	<1.140
C6H6	<1.920	C6H6	<1.920
CA	.	CA	.
CCL4	<1.690	CCL4	<1.690
CD	.	CD	.
CH2CL2	<2.480	CH2CL2	<2.480
CHCL3	<1.880	CHCL3	<1.880
CL	74500.000	CL	56000.000
CL6CP	<0.083	CL6CP	<0.083
CLC6H5	<1.360	CLC6H5	<1.360
CLDAN	<0.152	CLDAN	<0.152
CPMS	<1.080	CPMS	<1.080
CPMSO	<1.980	CPMSO	<1.980
CPMSO2	<2.240	CPMSO2	<2.240
CR	.	CR	.
CU	.	CU	.
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	27.000	DIMP	<10.500
DITH	<1.590	DITH	<1.590
DLDRN	<0.054	DLDRN	<0.054
DMDS	<1.160	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.060
ETC6H5	<0.620	ETC6H5	<0.620
FL	2060.000	FL	1290.000
HG	.	HG	.
ISODR	<0.056	ISODR	<0.056
K	.	K	.
MEC6H5	<2.100	MEC6H5	<2.100
MG	.	MG	.
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.040
NA	.	NA	.
NIT	.	NIT	.
OXAT	<1.350	OXAT	<1.350
PB	.	PB	.
PPDDE	<0.046	PPDDE	<0.046
PPDDT	<0.059	PPDDT	<0.059
SO4	505000.000	SO4	627000.000
T12DCE	<1.750	T12DCE	<1.750
TCLEE	<2.760	TCLEE	<2.760
TRCLE	<1.310	TRCLE	<1.310
XYLEN	<1.340	XYLEN	<1.340
ZN		ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37318
AQUIFER: DENVER
SCREENED INT.: 41.8- 50.7
BEDROCK DEPTH: 27.0
BEDROCK LITH.: SH
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	44300.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	313000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 37319
AQUIFER: DENVER
SCREENED INT.: 145.4-154.5
BEDROCK DEPTH: 29.0
BEDROCK LITH.: SH
SCREENED ZONE: 6

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	6.760
CHCL3	3.100
CL	6110.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1670.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	20200.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37320	AQUIFER: ALLUVIUM SCREENED INT.: 22.7- 32.7 BEDROCK DEPTH: 35.0 BEDROCK LITH.: SS SCREENED ZONE: ALLUVIUM		WELL 37321	AQUIFER: DENVER SCREENED INT.: 64.0- 73.9 BEDROCK DEPTH: 35.0 BEDROCK LITH.: SS SCREENED ZONE: 4	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.700		111TCE	<1.090
	112TCE	<1.000		112TCE	<1.630
	11DCE	<1.100		11DCE	<1.850
	11DCLE	<1.200		11DCLE	<1.930
	12DCLE	<0.610		12DCLE	<2.070
	ALDRN	<0.070		ALDRN	<0.083
	AS	<3.070		AS	<2.500
	BTZ	<2.000		BTZ	<1.140
	C6H6	1.750		C6H6	<1.920
	CA	127000.000		CA	.
	CCL4	<2.400		CCL4	<1.690
	CD	<5.160		CD	.
	CH2CL2	<5.000		CH2CL2	<2.480
	CHCL3	<1.400		CHCL3	<1.880
	CL	155000.000		CL	16800.000
	CL6CP	<0.070		CL6CP	<0.083
	CLC6H5	10.000		CLC6H5	3.600
	CLDAN	.		CLDAN	<0.152
	CPMS	<1.300		CPMS	<1.080
	CPMSO	<4.200		CPMSO	<1.980
	CPMSO2	<4.700		CPMSO2	<2.240
	CR	<5.960		CR	.
	CU	12.100		CU	.
	DBCP	<0.130		DBCP	<0.130
	DCPD	<9.310		DCPD	<9.310
	DIMP	21.500		DIMP	<10.500
	DITH	<1.100		DITH	<1.590
	DLDRN	<0.060		DLDRN	<0.054
	DMDS	<1.800		DMDS	<1.160
	DMMP	<15.200		DMMP	<30.400
	ENDRN	<0.052		ENDRN	<0.060
	ETC6H5	<1.280		ETC6H5	<0.620
	FL	<1220.000		FL	<1000.000
	HG	<0.480		HG	.
	ISODR	<0.060		ISODR	<0.056
	K	2890.000		K	.
	MEC6H5	<1.210		MEC6H5	<2.100
	MG	44300.000		MG	.
	MIBK	<12.900		MIBK	<12.900
	MXYLEN	<1.350		MXYLEN	<1.040
	NA	176000.000		NA	.
	NIT	4200.000		NIT	.
	OXAT	<2.000		OXAT	<1.350
	PB	<18.600		PB	.
	PPDDE	<0.053		PPDDE	<0.046
	PPDDT	<0.070		PPDDT	<0.059
	SO4	413000.000		SO4	216000.000
	T12DCE	<1.200		T12DCE	<1.750
	TCLEE	<1.300		TCLEE	<2.760
	TRCLE	<1.100		TRCLE	<1.310
	XYLEN	<2.470		XYLEN	<1.340
	ZN	<20.100		ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37322
AQUIFER: DENVER
SCREENED INT.: 87.8- 96.9
BEDROCK DEPTH: 35.0
BEDROCK LITH.: SS
SCREENED ZONE: 5

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	17100.000
CL6CP	<0.083
CLC6H5	7.740
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	207000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 37323
AQUIFER: DENVER
SCREENED INT.: 16.5- 26.3
BEDROCK DEPTH: 10.0
BEDROCK LITH.: SH
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	36.700
CL	238000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	15.700
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2310.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1020000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37327
AQUIFER: ALLUVIUM
SCREENED INT.: 29.6- 34.5
BEDROCK DEPTH: 34.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	257000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2700.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1190000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 37330
AQUIFER: ALLUVIUM
SCREENED INT.: 37.5- 57.2
BEDROCK DEPTH: 57.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	18.100
CL	291000.000
CL6CP	<0.083
CLC6H5	2.690
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	<0.054
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	1630.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	154000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37331	AQUIFER: ALLUVIUM SCREENED INT.: 39.6- 48.6 BEDROCK DEPTH: 48.0 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM	WELL 37332	AQUIFER: ALLUVIU SCREENED INT.: 46.9- 51.4 BEDROCK DEPTH: 51.0 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.090	111TCE	<1.700
112TCE	<1.630	112TCE	<1.000
11DCE	<1.850	11DCE	<1.100
11DCLE	<1.930	11DCLE	<1.200
12DCLE	<2.070	12DCLE	<0.610
ALDRN	<0.083	ALDRN	<0.070
AS	<2.500	AS	4.500
BTZ	<1.140	BTZ	<2.000
C6H6	<1.920	C6H6	<1.340
CA	.	CA	116000.000
CCL4	<1.690	CCL4	<2.400
CD	.	CD	<5.160
CH2CL2	<2.480	CH2CL2	<5.000
CHCL3	25.800	CHCL3	<1.400
CL	327000.000	CL	714000.000
CL6CP	<0.083	CL6CP	<0.070
CLC6H5	6.590	CLC6H5	<0.580
CLDAN	<0.152	CLDAN	.
CPMS	<1.080	CPMS	<1.300
CPMSO	<1.980	CPMSO	<4.200
CPMSO2	<2.240	CPMSO2	<4.700
CR	.	CR	<5.960
CU	.	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	<10.500
DITH	<1.590	DITH	<1.100
DLDRN	<0.054	DLDRN	0.711
DMDS	<1.160	DMDS	<1.800
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.060	ENDRN	<0.052
ETC6H5	<0.620	ETC6H5	<1.280
FL	1730.000	FL	2540.000
HG	.	HG	<0.240
ISODR	<0.056	ISODR	<0.060
K	.	K	3970.000
MEC6H5	<2.100	MEC6H5	<1.210
MG	.	MG	> 200000.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.040	MXYLEN	<1.350
NA	.	NA	501000.000
NIT	.	NIT	5130.000
OXAT	<1.350	OXAT	<2.000
PB	.	PB	<18.600
PPDDE	<0.046	PPDDE	<0.053
PPDDT	<0.059	PPDDT	<0.070
SO4	169000.000	SO4	393000.000
T12DCE	<1.750	T12DCE	<1.200
TCLEE	<2.760	TCLEE	<1.300
TRCLE	<1.310	TRCLE	<1.100
XYLEN	<1.340	XYLEN	<2.470
ZN	.	ZN	131.000

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37333
AQUIFER: ALLUVIUM
SCREENED INT.: 38.4- 47.7
BEDROCK DEPTH: 47.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	80100.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	13.500
CL	394000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.205
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	4740.000
MEC6H5	<1.210
MG	10500.000
MIBK	<12.900
MXYLEN	<1.350
NA	233000.000
NIT	3330.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	157000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 37334
AQUIFER: ALLUVIUM
SCREENED INT.: 42.3- 67.3
BEDROCK DEPTH: 64.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	72000.000
CL6CP	<0.083
CLC6H5	3.710
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.169
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	64800.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37335
AQUIFER: ALLUVIUM
SCREENED INT.: 38.2- 57.6
BEDROCK DEPTH: 51.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	1.740
CA	69800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	112000.000
CL6CP	<0.070
CLC6H5	8.550
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.065
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	2430.000
MEC6H5	<1.210
MG	13600.000
MIBK	<12.900
MXYLEN	<1.350
NA	80900.000
NIT	255.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	54400.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	39.800

WELL 37336
AQUIFER: ALLUVIUM
SCREENED INT.: 19.3- 38.9
BEDROCK DEPTH: 39.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	9.230
CL	225000.000
CL6CP	<0.083
CLC6H5	6.910
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.082
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1360.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	159000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7337
AQUIFER: ALLUVIUM
SCREENED INT.: 25.8- 40.3
BEDROCK DEPTH: 32.1
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	63000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.590
DLDRN	0.068
DMDS	<1.160
DMMP	<30.400
ENDRN	<0.060
ETC6H5	<0.620
FL	1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	123000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WELL 37338
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 29.2
BEDROCK DEPTH: 23.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	1.490
CA	127000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	148000.000
CL6CP	<0.070
CLC6H5	8.370
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.062
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1400.000
HG	<0.240
ISODR	<0.060
K	16000.000
MEC6H5	<1.210
MG	41900.000
MIBK	<12.900
MXYLEN	<1.350
NA	180000.000
NIT	1040.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	392000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	25.600

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37339	AQUIFER: ALLUVIUM SCREENED INT.: 11.7- 22.3 BEDROCK DEPTH: 20.0 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM		WELL 37340	AQUIFER: ALLUVIUM SCREENED INT.: 23.5- 34.1 BEDROCK DEPTH: 32.0 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.700		111TCE	<1.700
	112TCE	<1.000		112TCE	<1.000
	11DCE	<1.100		11DCE	<1.100
	11DCLE	<1.200		11DCLE	<1.200
	12DCLE	<0.610		12DCLE	<0.610
	ALDRN	<0.070		ALDRN	.
	AS	<3.070		AS	.
	BTZ	<2.000		BTZ	.
	C6H6	<1.340		C6H6	<1.340
	CA	537000.000		CA	.
	CCL4	<2.400		CCL4	<2.400
	CD	<5.160		CD	.
	CH2CL2	<5.000		CH2CL2	<5.000
	CHCL3	<1.400		CHCL3	<1.400
	CL	2020000.000		CL	.
	CL6CP	<0.070		CL6CP	.
	CLC6H5	<0.580		CLC6H5	<0.580
	CLDAN	.		CLDAN	.
	CPMS	<1.300		CPMS	.
	CPMSO	<4.200		CPMSO	.
	CPMSO2	<4.700		CPMSO2	.
	CR	<5.960		CR	.
	CU	<7.940		CU	.
	DBCP	<0.130		DBCP	<0.130
	DCPD	<9.310		DCPD	.
	DIMP	515.000		DIMP	.
	DITH	<1.100		DITH	.
	DLDRN	<0.060		DLDRN	.
	DMDS	<1.800		DMDS	.
	DMMP	<15.200		DMMP	.
	ENDRN	<0.052		ENDRN	.
	ETC6H5	<1.280		ETC6H5	<1.280
	FL	4230.000		FL	.
	HG	<0.240		HG	.
	ISODR	<0.060		ISODR	.
	K	3510.000		K	.
	MEC6H5	<1.210		MEC6H5	<1.210
	MG	167000.000		MG	.
	MIBK	<12.900		MIBK	.
	MXYLEN	<1.350		MXYLEN	<1.350
	NA	1060000.000		NA	.
	NIT	9230.000		NIT	.
	OXAT	<2.000		OXAT	.
	PB	<18.600		PB	.
	PPDDE	<0.053		PPDDE	.
	PPDDT	<0.070		PPDDT	.
	SO4	2180000.000		SO4	.
	T12DCE	<1.200		T12DCE	<1.200
	TCLEE	<1.300		TCLEE	<1.300
	TRCLE	<1.100		TRCLE	<1.100
	XYLEN	<2.470		XYLEN	<2.470
	ZN	93.900		ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37341	AQUIFER: ALLUVIUM SCREENED INT.: 20.3- 50.7 BEDROCK DEPTH: 48.0 BEDROCK LITH.: SS SCREENED ZONE: ALLUVIUM	WELL 37342	AQUIFER: ALLUVIUM SCREENED INT.: 12.9- 29.0 BEDROCK DEPTH: 27.5 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	1.470
ALDRN	<0.070	ALDRN	<0.070
AS	<3.070	AS	<3.070
BTZ	<2.000	BTZ	<2.000
C6H6	<1.340	C6H6	<1.340
CA	65300.000	CA	311000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	47500.000	CL	576000.000
CL6CP	<0.070	CL6CP	<0.070
CLC6H5	2.420	CLC6H5	<0.580
CLDAN	.	CLDAN	.
CPMS	<1.300	CPMS	<1.300
CPMSO	<4.200	CPMSO	<4.200
CPMSO2	<4.700	CPMSO2	<4.700
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	41.100
DITH	<1.100	DITH	<1.100
DLDRN	<0.060	DLDRN	<0.060
DMDS	<1.800	DMDS	<1.800
DMMP	<30.400	DMMP	<15.200
ENDRN	<0.052	ENDRN	<0.052
ETC6H5	<1.280	ETC6H5	<1.280
FL	<1220.000	FL	1460.000
HG	<0.480	HG	<0.240
ISODR	<0.060	ISODR	<0.060
K	4280.000	K	6130.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	13100.000	MG	74500.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	60700.000	NA	444000.000
NIT	725.000	NIT	5650.000
OXAT	<2.000	OXAT	<2.000
PB	<18.600	PB	<18.600
PPDDE	<0.053	PPDDE	<0.053
PPDDT	<0.070	PPDDT	<0.070
SO4	103000.000	SO4	883000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	2.200
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	<20.100	ZN	82.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37343
AQUIFER: ALLUVIUM
SCREENED INT.: 3.7- 35.1
BEDROCK DEPTH: 35.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	2.240
ALDRN	<0.070
AS	3.900
BTZ	<2.000
C6H6	<1.340
CA	144000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	333000.000
CL6CP	<0.070
CLC6H5	8.930
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	26.700
DBCP	<0.130
DCPD	16.800
DIMP	966.000
DITH	1.830
DLDRN	0.060
DMDS	<1.800
DMMP	<152.000
ENDRN	<0.052
ETC6H5	<1.280
FL	1600.000
HG	<0.240
ISODR	<0.060
K	4590.000
MEC6H5	<1.210
MG	54000.000
MIBK	<12.900
MXYLEN	<1.350
NA	270000.000
NIT	190.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	428000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	24.400

WELL 37344
AQUIFER: ALLUVIUM
SCREENED INT.: 15.5- 40.9
BEDROCK DEPTH: 42.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	13.700
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	1.720
CA	177000.000
CCL4	9.880
CD	<5.160
CH2CL2	<5.000
CHCL3	1370.000
CL	402000.000
CL6CP	<0.070
CLC6H5	6.530
CLDAN	.
CPMS	3.290
CPMSO	110.000
CPMSO2	<4.700
CR	<5.960
CU	22.100
DBCP	10.600
DCPD	<9.310
DIMP	1160.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<380.000
ENDRN	<0.052
ETC6H5	<1.280
FL	1350.000
HG	<0.480
ISODR	<0.060
K	4740.000
MEC6H5	<1.210
MG	48800.000
MIBK	<12.900
MXYLEN	<1.350
NA	292000.000
NIT	2670.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	495000.000
T12DCE	<1.200
TCLEE	115.000
TRCLE	7.060
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37345		WELL 37346	
AQUIFER: ALLUVIUM		AQUIFER: ALLUVIUM	
SCREENED INT.: 16.4- 37.1		SCREENED INT.: 8.6- 24.0	
BEDROCK DEPTH: 37.5		BEDROCK DEPTH: 24.0	
BEDROCK LITH.: SH		BEDROCK LITH.: SH	
SCREENED ZONE: ALLUVIUM		SCREENED ZONE: ALLUVIUM	
COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.070	ALDRN	<0.070
AS	<3.070	AS	<3.070
BTZ	<2.000	BTZ	<2.000
C6H6	<1.340	C6H6	<1.340
CA	74700.000	CA	91800.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	<1.400
CL	52000.000	CL	73900.000
CL6CP	<0.070	CL6CP	<0.070
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	.	CLDAN	.
CPMS	<1.300	CPMS	<1.300
CPMSO	<4.200	CPMSO	<4.200
CPMSO2	<4.700	CPMSO2	<4.700
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	52.200
DITH	<1.100	DITH	<1.100
DLDRN	<0.060	DLDRN	<0.060
DMDS	<1.800	DMDS	<1.800
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.052	ENDRN	<0.052
ETC6H5	<1.280	ETC6H5	<1.280
FL	1270.000	FL	<1220.000
HG	<0.240	HG	<0.240
ISODR	<0.060	ISODR	<0.060
K	1660.000	K	3660.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	16200.000	MG	17200.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	69500.000	NA	71800.000
NIT	668.000	NIT	722.000
OXAT	<2.000	OXAT	<2.000
PB	<18.600	PB	<18.600
PPDDE	<0.053	PPDDE	<0.053
PPDDT	<0.070	PPDDT	<0.070
SO4	153000.000	SO4	159000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	77.100	ZN	42.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37347
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 33.8
BEDROCK DEPTH: 33.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	70500.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	55500.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	33.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	3050.000
MEC6H5	<1.210
MG	16000.000
MIBK	<12.900
MXYLEN	<1.350
NA	69500.000
NIT	1180.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	112000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	52.200

WELL 37348
AQUIFER: ALLUVIUM
SCREENED INT.: 16.4- 42.0
BEDROCK DEPTH: 41.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H5	<1.340
CA	148000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	189000.000
CL6CP	<0.070
CLC6H5	2.050
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1470.000
HG	<0.480
ISODR	<0.060
K	2430.000
MEC6H5	<1.210
MG	35100.000
MIBK	<12.900
MXYLEN	<1.350
NA	124000.000
NIT	4010.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	334000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	34.600

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7349	AQUIFER: ALLUVIUM SCREENED INT.: 23.2- 43.6 BEDROCK DEPTH: 44.0 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM	WELL 37350	AQUIFER: ALLUVIUM SCREENED INT.: 26.9- 52.3 BEDROCK DEPTH: 52.5 BEDROCK LITH.: SH SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.700
112TCE	<1.000	112TCE	<1.000
11DCE	<1.100	11DCE	<1.100
11DCLE	<1.200	11DCLE	<1.200
12DCLE	<0.610	12DCLE	<0.610
ALDRN	<0.070	ALDRN	<0.070
AS	<3.070	AS	<3.070
BTZ	<2.000	BTZ	<2.000
C6H6	<1.340	C6H6	<1.340
CA	181000.000	CA	114000.000
CCL4	<2.400	CCL4	<2.400
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<5.000
CHCL3	<1.400	CHCL3	2.120
CL	277000.000	CL	86100.000
CL6CP	<0.070	CL6CP	<0.070
CLC6H5	<0.580	CLC6H5	<0.580
CLDAN	.	CLDAN	.
CPMS	<1.300	CPMS	<1.300
CPMSO	<4.200	CPMSO	<4.200
CPMSO2	<4.700	CPMSO2	<4.700
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	<0.130
DCPD	<9.310	DCPD	<9.310
DIMP	456.000	DIMP	16.600
DITH	<1.100	DITH	<1.100
DLDRN	<0.060	DLDRN	<0.060
DMDS	<1.800	DMDS	<1.800
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.052	ENDRN	<0.052
ETC6H5	<1.280	ETC6H5	<1.280
FL	1250.000	FL	<1220.000
HG	<0.240	HG	<0.480
ISODR	<0.060	ISODR	<0.060
K	3050.000	K	3660.000
MEC6H5	<1.210	MEC6H5	<1.210
MG	47100.000	MG	30200.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.350
NA	127000.000	NA	83400.000
NIT	6790.000	NIT	7010.000
OXAT	<2.000	OXAT	<2.000
PB	<18.600	PB	<18.600
PPDDE	<0.053	PPDDE	<0.053
PPDDT	<0.070	PPDDT	<0.070
SO4	311000.000	SO4	218000.000
T12DCE	<1.200	T12DCE	<1.200
TCLEE	<1.300	TCLEE	<1.300
TRCLE	<1.100	TRCLE	<1.100
XYLEN	<2.470	XYLEN	<2.470
ZN	116.000	ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37351
AQUIFER: ALLUVIUM
SCREENED INT.: 17.9- 38.5
BEDROCK DEPTH: 36.0
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	139000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	128000.000
CL6CP	<0.070
CLC6H5	<1.730
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	12.400
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<30.400
ENDRN	<0.052
ETC6H5	<1.280
FL	1690.000
HG	<0.480
ISODR	<0.060
K	1840.000
MEC6H5	<1.210
MG	38000.000
MIBK	<12.900
MXYLEN	<1.350
NA	135000.000
NIT	7890.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	206000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 37352
AQUIFER: ALLUVIUM
SCREENED INT.: 29.8- 38.3
BEDROCK DEPTH: 37.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	112000.000
CCL4	<2.400
CD	<5.160
CH2CL2	9.970
CHCL3	<1.400
CL	82200.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1380.000
HG	<0.240
ISODR	<0.060
K	<1260.000
MEC6H5	<1.210
MG	28200.000
MIBK	<12.900
MXYLEN	<1.350
NA	112000.000
NIT	3360.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	177000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	37.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7353
AQUIFER: ALLUVIUM
SCREENED INT.: 27.1- 42.4
BEDROCK DEPTH: 44.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	119000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	119000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	103.000
DITH	<1.100
DLDRN	0.156
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	1690.000
MEC6H5	<1.210
MG	32500.000
MIBK	<12.900
MXYLEN	<1.350
NA	135000.000
NIT	4030.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	187000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.00
XYLEN	<2.470
ZN	97.900

WELL 37354
AQUIFER: ALLUVIUM
SCREENED INT.: 13.8- 49.1
BEDROCK DEPTH: 49.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	1.510
CA	108000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	3.380
CL	87300.000
CL6CP	<0.070
CLC6H5	7.340
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	13.100
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1300.000
HG	<0.480
ISODR	<0.060
K	2150.000
MEC6H5	<1.210
MG	28200.000
MIBK	<12.900
MXYLEN	<1.350
NA	106000.000
NIT	7750.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	160000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	22.600

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37355
AQUIFER: ALLUVIUM
SCREENED INT.: 11.1- 71.7
BEDROCK DEPTH: 70.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	9.590
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	148000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	3.250
CL	196000.000
CL6CP	<0.070
CLC6H5	5.790
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	11.100
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	0.116
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1640.000
HG	<0.240
ISODR	<0.060
K	2000.000
MEC6H5	<1.210
MG	37000.000
MIBK	<12.900
MXYLEN	<1.350
NA	157000.000
NIT	6270.000
OXAT	<2.000
PB	24.500
PPDDE	<0.053
PPDDT	<0.070
SO4	208000.000
T12DCE	<1.200
TCLEE	1.480
TRCLE	<1.100
XYLEN	<2.470
ZN	35.200

WELL 37356
AQUIFER: ALLUVIUM
SCREENED INT.: 8.3- 38.4
BEDROCK DEPTH: 38.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	106000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	95000.000
CL6CP	<0.070
CLC6H5	7.390
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	57.400
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	3390.000
MEC6H5	<1.210
MG	25900.000
MIBK	<12.900
MXYLEN	<1.350
NA	111000.000
NIT	4680.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	155000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	29.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37357
AQUIFER: ALLUVIUM
SCREENED INT.: 4.5- 19.7
BEDROCK DEPTH: 19.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	121000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	24.300
CL	126000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	29.600
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	6640.000
MEC6H5	<1.210
MG	32900.000
MIBK	<12.900
MXYLEN	<1.350
NA	137000.000
NIT	10300.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	192000.000
T12DCE	<1.200
TCLEE	3.390
TRCLE	<1.100
XYLEN	<2.470
ZN	67.400

WELL 37358
AQUIFER: ALLUVIUM
SCREENED INT.: 44.3- 59.9
BEDROCK DEPTH: 59.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	135000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	73800.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	2150.000
MEC6H5	<1.210
MG	15000.000
MIBK	<12.900
MXYLEN	<1.350
NA	73200.000
NIT	3460.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	123000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37359
AQUIFER: ALLUVIUM
SCREENED INT.: 23.2- 43.7
BEDROCK DEPTH: 42.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	3.700
112TCE	<1.000
11DCE	<1.100
11DCLE	2.310
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	229000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	134000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	.100
DLDRN	.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	4470.000
MEC6H5	<1.210
MG	31800.000
MIBK	<12.900
MXYLEN	<1.350
NA	165000.000
NIT	9060.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	333000.000
T12DCE	1.260
TCLEE	3.950
TRCLE	5.130
XYLEN	<2.470
ZN	<20.100

WELL 37360
AQUIFER: ALLUVIUM
SCREENED INT.: 26.4-101.9
BEDROCK DEPTH: 101.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	137000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	62200.000
CL6CP	<0.070
CLC6H5	7.520
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	2920.000
MEC6H5	<1.210
MG	14900.000
MIBK	<12.900
MXYLEN	<1.350
NA	71900.000
NIT	8900.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	132000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37361
AQUIFER: ALLUVIUM
SCREENED INT.: 21.7- 92.3
BEDROCK DEPTH: 92.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	1.530
CA	120000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	62300.000
CL6CP	<0.070
CLC6H5	7.760
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	2000.000
MEC6H5	<1.210
MG	15600.000
MIBK	<12.900
MXYLEN	<1.350
NA	81100.000
NIT	7890.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	143000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	22.800

WELL 37362
AQUIFER: ALLUVIUM
SCREENED INT.: 34.5- 45
BEDROCK DEPTH: 42.5
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATIO
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	158000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	234000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1770.000
HG	<0.240
ISODR	<0.060
K	2460.000
MEC6H5	<1.210
MG	53800.000
MIBK	<12.900
MXYLEN	<1.350
NA	314000.000
NIT	1700.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	449000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	55.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37363
AQUIFER: ALLUVIUM
SCREENED INT.: 6.9- 32.2
BEDROCK DEPTH: 32.1
BEDROCK LITH.: SS
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	105000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	98600.000
CL6CP	<0.070
CLC6H5	9.420
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.240
ISODR	<0.060
K	2460.000
MEC6H5	<1.210
MG	23600.000
MIBK	<12.900
MXYLEN	<1.350
NA	111000.000
NIT	870.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	180000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WELL 37364
AQUIFER: ALLUVIUM
SCREENED INT.: 6.8- 27.3
BEDROCK DEPTH: 28.9
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	6.200
BTZ	<2.000
C6H6	<1.340
CA	36200.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	31800.000
CL6CP	<0.070
CLC6H5	4.690
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1200.000
HG	<0.240
ISODR	<0.060
K	4160.000
MEC6H5	<1.210
MG	7410.000
MIBK	<12.900
MXYLEN	<1.350
NA	57400.000
NIT	1280.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	70100.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37366		WELL 37367	
AQUIFER: ALLUVIUM		AQUIFER: ALLUVIUM	
SCREENED INT.:	2.2- 17.2	SCREENED INT.:	11.5- 38.4
BEDROCK DEPTH:	20.0	BEDROCK DEPTH:	38.5
BEDROCK LITH.:	SS	BEDROCK LITH.:	
SCREENED ZONE:	ALLUVIUM	SCREENED ZONE:	ALLUVIUM

COMPOUND	CONCENTRATION	COMPOUND	CONCENTRATION
111TCE	<1.700	111TCE	<1.090
112TCE	<1.000	112TCE	<1.630
11DCE	<1.100	11DCE	<1.850
11DCLE	<1.200	11DCLE	<1.930
12DCLE	<0.610	12DCLE	<2.070
ALDRN	<0.070	ALDRN	<0.083
AS	<3.070	AS	<2.500
BTZ	<2.000	BTZ	<1.140
C6H6	<1.340	C6H6	2.920
CA	137000.000	CA	158000.000
CCL4	<2.400	CCL4	<1.690
CD	<5.160	CD	<5.160
CH2CL2	<5.000	CH2CL2	<2.480
CHCL3	<1.400	CHCL3	127.000
CL	45200.000	CL	201000.000
CL6CP	<0.070	CL6CP	<0.083
CLC6H5	<0.580	CLC6H5	9.230
CLDAN	.	CLDAN	<0.152
CPMS	<1.300	CPMS	4.160
CPMSO	<4.200	CPMSO	113.000
CPMSO2	<4.700	CPMSO2	4.310
CR	<5.960	CR	<5.960
CU	<7.940	CU	<7.940
DBCP	<0.130	DBCP	2.570
DCPD	<9.310	DCPD	<9.310
DIMP	<10.500	DIMP	397.000
DITH	<1.100	DITH	<3.340
DLDRN	0.072	DLDRN	<0.054
DMDS	<1.800	DMDS	<1.160
DMMP	<15.200	DMMP	<15.200
ENDRN	<0.052	ENDRN	<0.060
ETC6H5	<1.280	ETC6H5	<0.620
FL	<1220.000	FL	2050.000
HG	<0.240	HG	.
ISODR	<0.060	ISODR	<0.056
K	3850.000	K	.
MEC6H5	<1.210	MEC6H5	<2.100
MG	25600.000	MG	50900.000
MIBK	<12.900	MIBK	<12.900
MXYLEN	<1.350	MXYLEN	<1.040
NA	127000.000	NA	265000.000
NIT	7240.000	NIT	2820.000
OXAT	<2.000	OXAT	<1.350
PB	<18.600	PB	<18.600
PPDDE	<0.053	PPDDE	<0.046
PPDDT	<0.070	PPDDT	<0.059
SO4	106000.000	SO4	578000.000
T12DCE	<1.200	T12DCE	<1.750
TCLEE	<1.300	TCLEE	35.800
TRCLE	<1.100	TRCLE	4.100
XYLEN	<2.470	XYLEN	<1.340
ZN	72.000	ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37368
AQUIFER: ALLUVIUM
SCREENED INT.: 18.1- 34.3
BEDROCK DEPTH: 34.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.560
BTZ	<1.140
C6H6	2.630
CA	367000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	29.900
CL	690000.000
CL6CP	<0.083
CLC6H5	11.500
CLDAN	<0.152
CPMS	<1.080
CPMSO	3.430
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	1.110
DCPD	<9.310
DIMP	55.700
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2580.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	96500.000
MIBK	<12.900
MXYLEN	<1.040
NA	384000.000
NIT	9020.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	784000.000
T12DCE	<1.750
TCLEE	16.000
TRCLE	1.930
XYLEN	<1.340
ZN	<20.100

WELL 37369
AQUIFER: ALLUVIUM
SCREENED INT.: 4.1- 25.2
BEDROCK DEPTH: 25.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	3.000
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	210000.000
CL6CP	<0.083
CLC6H5	8.880
CLDAN	<0.152
CPMS	<1.080
CPMSO	8.590
CPMSO2	4.110
CR	.
CU	.
DBCP	<0.130
DCPD	59.400
DIMP	251.000
DITH	<3.340
DLDRN	0.333
DMDS	<1.160
DMMP	<76.000
ENDRN	0.428
ETC6H5	<0.620
FL	2690.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	391000.000
T12DCE	<1.750
TCLEE	8.960
TRCLE	<1.310
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7370
AQUIFER: ALLUVIUM
SCREENED INT.: 4.4- 25.8
BEDROCK DEPTH: 25.8
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.720
BTZ	<1.140
C6H6	8.430
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	568000.000
CL6CP	<0.083
CLC6H5	27.300
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.230
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	278.000
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<76.000
ENDRN	<0.060
ETC6H5	<0.620
FL	2550.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	899000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	2.650
XYLEN	<1.340
ZN	.

WELL 37371
AQUIFER: DENVER
SCREENED INT.: 28.3- 39.0
BEDROCK DEPTH: 26.0
BEDROCK LITH.:
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	231000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	<1.880
CL	467000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	1100.000
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2590.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	61900.000
MIBK	<12.900
MXYLEN	<1.040
NA	428000.000
NIT	838.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	700000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37372
AQUIFER: DENVER
SCREENED INT.: 61.5- 88.5
BEDROCK DEPTH: 26.0
BEDROCK LITH.:
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	10.300
CA	.
CCL4	<1.690
CD	.
CH2CL2	.
CHCL3	<1.880
CL	57800.000
CL6CP	<0.083
CLC6H5	42.400
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.230
CR	.
CU	.
DBCP	0.207
DCPD	<9.310
DIMP	.
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	.
ENDRN	<0.060
ETC6H5	<0.620
FL	2350.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	370000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	2.830
XYLEN	<1.340
ZN	.

WELL 37373
AQUIFER: ALLUVIUM
SCREENED INT.: 4.3- 25.7
BEDROCK DEPTH: 25.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	18.200
ALDRN	<0.083
AS	3.650
BTZ	<1.140
C6H6	<1.920
CA	329000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	<1.880
CL	744000.000
CL6CP	<0.083
CLC6H5	3.560
CLDAN	<0.152
CPMS	<1.080
CPMSO	4.090
CPMSO2	16.100
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	430.000
DIMP	.
DITH	19.300
DLDRN	<0.054
DMDS	<1.160
DMMP	.
ENDRN	<0.060
ETC6H5	<0.620
FL	2620.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	108000.000
MIBK	<12.900
MXYLEN	<1.040
NA	589000.000
NIT	59.600
OXAT	5.100
PB	<18.600
PPDDE	0.113
PPDDT	0.110
SO4	921000.000
T12DCE	<1.750
TCLEE	15.700
TRCLE	3.570
XYLEN	<1.340
ZN	29.800

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL)7374
AQUIFER: ALLUVIUM
SCREENED INT.: 8.7- 24.9
BEDROCK DEPTH: 26.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.790
BTZ	<1.140
C6H6	2.680
CA	557000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	2.930
CL	386000.000
CL6CP	<0.083
CLC6H5	13.300
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	445.000
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	4170.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	160000.000
MIBK	<12.900
MXYLEN	<1.040
NA	754000.000
NIT	938.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2140000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	<20.100

WELL 37376
AQUIFER: DENVER
SCREENED INT.: 40.3- 51.0
BEDROCK DEPTH: 31.0
BEDROCK LITH.:
SCREENED ZONE: 3

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	3.640
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	14800.000
CL6CP	<0.083
CLC6H5	33.000
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	<1000.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	192000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.380
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37377
AQUIFER: ALLUVIUM
SCREENED INT.: 22.7- 38.9
BEDROCK DEPTH: 39.5
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	5.800
CA	151000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	2.250
CL	165000.000
CL6CP	<0.083
CLC6H5	22.700
CLDAN	<0.152
CPMS	<1.080
CPMSO	3.070
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	63.100
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2340.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	56900.000
MIBK	<12.900
MXYLEN	<1.040
NA	229000.000
NIT	697.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	506000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.710
XYLEN	<1.340
ZN	29.400

WELL 37378
AQUIFER: ALLUVIUM
SCREENED INT.: 23.8- 34.7
BEDROCK DEPTH: 35.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	2.680
BTZ	<1.140
C6H6	3.140
CA	113000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	<1.880
CL	104000.000
CL6CP	<0.083
CLC6H5	12.600
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	0.073
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1360.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	36800.000
MIBK	<12.900
MXYLEN	<1.040
NA	173000.000
NIT	1350.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	327000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: DENVER		WELL	AQUIFER: DENVER	
17379	SCREENED INT.: 39.3- 55.5		37380	SCREENED INT.: 64.3- 75.0	
	BEDROCK DEPTH: 27.0			BEDROCK DEPTH: 27.0	
	BEDROCK LITH.:			BEDROCK LITH.:	
	SCREENED ZONE: 3			SCREENED ZONE: 4	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.090		111TCE	<1.090
	112TCE	<1.630		112TCE	<1.630
	11DCE	<1.850		11DCE	<1.850
	11DCLE	<1.930		11DCLE	<1.930
	12DCLE	<2.070		12DCLE	<2.070
	ALDRN	<0.083		ALDRN	<0.083
	AS	<2.500		AS	<2.500
	BTZ	<1.140		BTZ	<1.140
	C6H6	5.760		C6H6	3.650
	CA	272000.000		CA	.
	CCL4	<1.690		CCL4	<1.690
	CD	<5.160		CD	.
	CH2CL2	<2.480		CH2CL2	<2.480
	CHCL3	<1.880		CHCL3	<1.880
	CL	418000.000		CL	412000.000
	CL6CP	<0.083		CL6CP	<0.083
	CLC6H5	17.800		CLC6H5	15.400
	CLDAN	<0.152		CLDAN	<0.152
	CPMS	<1.080		CPMS	<1.080
	CPMSO	<1.980		CPMSO	<1.980
	CPMSO2	<2.240		CPMSO2	<2.240
	CR	<5.960		CR	.
	CU	<7.940		CU	.
	DBCP	<0.130		DBCP	0.191
	DCPD	<9.310		DCPD	<9.310
	DIMP	47.100		DIMP	<10.500
	DITH	<3.340		DITH	<3.340
	DLDRN	<0.054		DLDRN	<0.054
	DMDS	<1.160		DMDS	<1.160
	DMMP	<15.200		DMMP	<15.200
	ENDRN	<0.060		ENDRN	<0.060
	ETC6H5	<0.620		ETC6H5	<0.620
	FL	3000.000		FL	2100.000
	HG	.		HG	<0.359
	ISODR	<0.056		ISODR	<0.056
	K	.		K	5580.000
	MEC6H5	<2.100		MEC6H5	<2.100
	MG	41900.000		MG	.
	MIBK	<12.900		MIBK	<12.900
	MXYLEN	<1.040		MXYLEN	<1.040
	NA	729000.000		NA	.
	NIT	2070.000		NIT	.
	OXAT	<1.350		OXAT	<1.350
	PB	<18.600		PB	.
	PPDDE	<0.046		PPDDE	<0.046
	PPDDT	<0.059		PPDDT	<0.059
	SO4	1450000.000		SO4	1100000.000
	T12DCE	<1.750		T12DCE	<1.750
	TCLEE	<2.760		TCLEE	<2.760
	TRCLE	1.370		TRCLE	<1.310
	XYLEN	<1.340		XYLEN	<1.340
	ZN	210.000		ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 37381
AQUIFER: ALLUVIUM
SCREENED INT.: 7.3- 28.5
BEDROCK DEPTH: 28.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	<1.920
CA	600000.000
CCL4	<1.690
CD	8.580
CH2CL2	<2.480
CHCL3	<1.880
CL	1060000.000
CL6CP	<0.083
CLC6H5	2.680
CLDAN	<0.152
CPMS	<1.080
CPMSO	3.640
CPMSO2	<2.240
CR	52.400
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	.
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	.
ENDRN	<0.060
ETC6H5	<0.620
FL	3650.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	148000.000
MIBK	<12.900
MXYLEN	<1.040
NA	504000.000
NIT	.
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	1420000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	40.900

WELL 37383
AQUIFER: ALLUVIUM
SCREENED INT.: 17.6- 39.0
BEDROCK DEPTH: 50.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	3.170
CA	162000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	<1.880
CL	131000.000
CL6CP	<0.083
CLC6H5	11.400
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	51.300
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	1580.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	49900.000
MIBK	<12.900
MXYLEN	<1.040
NA	233000.000
NIT	2280.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	570000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	<1.340
ZN	<20.100

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7387
AQUIFER: DENVER
SCREENED INT.: 36.8- 42.6
BEDROCK DEPTH: 17.0
BEDROCK LITH.:
SCREENED ZONE: 2

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	73.800
CA	206000.000
CCL4	<1.690
CD	<5.160
CH2CL2	<2.480
CHCL3	8.620
CL	303000.000
CL6CP	<0.083
CLC6H5	74.700
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.240
CR	8.140
CU	<7.940
DBCP	0.779
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	1.320
FL	3220.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	35600.000
MIBK	<12.900
MXYLEN	1.370
NA	1170000.000
NIT	17200.000
OXAT	<1.350
PB	<18.600
PPDDE	<0.046
PPDDT	<0.059
SO4	2350000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	8.680
XYLEN	3.600
ZN	<20.100

WELL 37388
AQUIFER: DENVER
SCREENED INT.: 69.8- 86.0
BEDROCK DEPTH: 17.0
BEDROCK LITH.:
SCREENED ZONE: 4

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	<2.500
BTZ	<1.140
C6H6	10.100
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	<1.880
CL	403000.000
CL6CP	<0.083
CLC6H5	32.800
CLDAN	<0.152
CPMS	<1.080
CPMSO	<1.980
CPMSO2	<2.230
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<15.200
ENDRN	<0.060
ETC6H5	<0.620
FL	2650.000
HG	.
ISODR	<0.056
K	.
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	1580000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	1.830
XYLEN	<1.340
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL	AQUIFER: ALLUVIUM		WELL	AQUIFER: DENVER	
37389	SCREENED INT.: 8.4- 35.2		37390	SCREENED INT.: 40.1- 46.0	
	BEDROCK DEPTH: 23.5			BEDROCK DEPTH: 23.5	
	BEDROCK LITH.:			BEDROCK LITH.:	
	SCREENED ZONE: ALLUVIUM			SCREENED ZONE: 3	
	COMPOUND	CONCENTRATION		COMPOUND	CONCENTRATION
	111TCE	<1.090		111TCE	<1.090
	112TCE	<1.630		112TCE	<1.630
	11DCE	<1.850		11DCE	<1.850
	11DCLE	<1.930		11DCLE	<1.930
	12DCLE	<2.070		12DCLE	<2.070
	ALDRN	<0.083		ALDRN	<0.083
	AS	<2.500		AS	<2.500
	BTZ	<1.140		BTZ	<1.140
	C6H6	<1.920		C6H6	8.500
	CA	141000.000		CA	.
	CCL4	<1.690		CCL4	<1.690
	CD	<5.160		CD	.
	CH2CL2	<2.480		CH2CL2	<2.480
	CHCL3	56.500		CHCL3	<1.880
	CL	217000.000		CL	55700.000
	CL6CP	<0.083		CL6CP	<0.083
	CLC6H5	2.740		CLC6H5	23.700
	CLDAN	<0.152		CLDAN	<0.152
	CPMS	<1.080		CPMS	<1.080
	CPMSO	9.520		CPMSO	<1.980
	CPMSO2	5.490		CPMSO2	<2.240
	CR	<5.960		CR	.
	CU	<7.940		CU	.
	DBCP	0.400		DBCP	<0.130
	DCPD	<9.310		DCPD	<9.310
	DIMP	343.000		DIMP	.
	DITH	<3.340		DITH	<3.340
	DLDRN	<0.054		DLDRN	<0.054
	DMDS	<1.160		DMDS	<1.160
	DMMP	<15.200		DMMP	.
	ENDRN	<0.060		ENDRN	<0.060
	ETC6H5	<0.620		ETC6H5	<0.620
	FL	2190.000		FL	<1000.000
	HG	.		HG	.
	ISODR	<0.056		ISODR	<0.056
	K	.		K	.
	MEC6H5	<2.100		MEC6H5	<2.100
	MG	53800.000		MG	.
	MIBK	<12.900		MIBK	<12.900
	MXYLEN	<1.040		MXYLEN	<1.040
	NA	219000.000		NA	.
	NIT	163.000		NIT	.
	OXAT	<1.350		OXAT	<1.350
	PB	<18.600		PB	.
	PPDDE	<0.046		PPDDE	<0.046
	PPDDT	<0.059		PPDDT	<0.059
	SO4	405000.000		SO4	242000.000
	T12DCE	<1.750		T12DCE	<1.750
	TCLEE	28.500		TCLEE	<2.760
	TRCLE	<1.310		TRCLE	<1.310
	XYLEN	<1.340		XYLEN	<1.340
	ZN	21.200		ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL 7391
AQUIFER: ALLUVIUM
SCREENED INT.: 19.7- 41.1
BEDROCK DEPTH: 40.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	2.260
ALDRN	<0.083
AS	3.320
BTZ	<1.140
C6H6	<1.920
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	79.300
CL	390000.000
CL6CP	<0.083
CLC6H5	<1.360
CLDAN	<0.152
CPMS	3.260
CPMSO	148.000
CPMSO2	5.920
CR	.
CU	.
DBCP	4.690
DCPD	<9.310
DIMP	2030.000
DITH	<3.340
DLDRN	<0.054
DMDS	<1.160
DMMP	<16.300
ENDRN	<0.060
ETC6H5	<0.620
FL	2070.000
HG	<0.500
ISODR	<0.056
K	4840.000
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	<1.040
NA	.
NIT	.
OXAT	<1.350
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	174000.000
T12DCE	<1.750
TCLEE	92.000
TRCLE	2.200
XYLEN	<1.340
ZN	.

WELL 37392
AQUIFER: ALLUVIUM
SCREENED INT.: 13.2- 29.4
BEDROCK DEPTH: 28.1
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.090
112TCE	<1.630
11DCE	<1.850
11DCLE	<1.930
12DCLE	<2.070
ALDRN	<0.083
AS	.
BTZ	.
C6H6	15.100
CA	.
CCL4	<1.690
CD	.
CH2CL2	<2.480
CHCL3	115.000
CL	112000.000
CL6CP	<0.203
CLC6H5	8.410
CLDAN	<0.152
CPMS	0.675
CPMSO	.
CPMSO2	4.490
CR	.
CU	.
DBCP	<0.130
DCPD	<9.310
DIMP	29.000
DITH	1.250
DLDRN	0.095
DMDS	.
DMMP	<16.300
ENDRN	0.234
ETC6H5	1.420
FL	1980.000
HG	<0.500
ISODR	<0.056
K	2910.000
MEC6H5	<2.100
MG	.
MIBK	<12.900
MXYLEN	1.140
NA	.
NIT	.
OXAT	.
PB	.
PPDDE	<0.046
PPDDT	<0.059
SO4	427000.000
T12DCE	<1.750
TCLEE	<2.760
TRCLE	<1.310
XYLEN	1.940
ZN	.

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL BOLLER
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	198000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	18.400
CL	177000.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	10.100
CR	<5.960
CU	<7.940
DBCP	0.187
DCPD	<9.310
DIMP	133.000
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1280.000
HG	<0.480
ISODR	<0.060
K	2150.000
MEC6H5	<1.210
MG	55500.000
MIBK	<12.900
MXYLEN	<1.350
NA	281000.000
NIT	2780.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	615000.000
T12DCE	<1.200
TCLEE	5.720
TRCLE	1.250
XYLEN	<2.470
ZN	131.000

WELL CIII
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 58.0
BEDROCK LITH.: SH
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	167000.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	91700.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.480
ISODR	<0.060
K	2610.000
MEC6H5	<1.210
MG	17800.000
MIBK	<12.900
MXYLEN	<1.350
NA	89300.000
NIT	9440.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	197000.000
T12DCE	<1.200
TCLEE	1.830
TPCLE	5.410
XYLEN	<2.470
ZN	66.900

WRIR WATER CHEMISTRY SUMMARY, 3RD QUARTER, FY87

WELL II
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	91600.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	72800.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	18.900
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	<1220.000
HG	<0.480
ISODR	<0.060
K	1840.000
MEC6H5	<1.210
MG	24100.000
MIBK	<12.900
MXYLEN	<1.350
NA	108000.000
NIT	3740.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	130000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	49.200

WELL XXIA
AQUIFER: ALLUVIUM
SCREENED INT.: 0.0- 0.0
BEDROCK DEPTH: 0.0
BEDROCK LITH.:
SCREENED ZONE: ALLUVIUM

COMPOUND	CONCENTRATION
111TCE	<1.700
112TCE	<1.000
11DCE	<1.100
11DCLE	<1.200
12DCLE	<0.610
ALDRN	<0.070
AS	<3.070
BTZ	<2.000
C6H6	<1.340
CA	83800.000
CCL4	<2.400
CD	<5.160
CH2CL2	<5.000
CHCL3	<1.400
CL	60300.000
CL6CP	<0.070
CLC6H5	<0.580
CLDAN	.
CPMS	<1.300
CPMSO	<4.200
CPMSO2	<4.700
CR	<5.960
CU	<7.940
DBCP	<0.130
DCPD	<9.310
DIMP	<10.500
DITH	<1.100
DLDRN	<0.060
DMDS	<1.800
DMMP	<15.200
ENDRN	<0.052
ETC6H5	<1.280
FL	1320.000
HG	<0.480
ISODR	<0.060
K	1690.000
MEC6H5	<1.210
MG	23000.000
MIBK	<12.900
MXYLEN	<1.350
NA	91300.000
NIT	3450.000
OXAT	<2.000
PB	<18.600
PPDDE	<0.053
PPDDT	<0.070
SO4	115000.000
T12DCE	<1.200
TCLEE	<1.300
TRCLE	<1.100
XYLEN	<2.470
ZN	161.000

APPENDIX D.2: EPA CHEMISTRY DATA

EPA WATER CHEMISTRY SUMMARY

WELL:EPA001 EPA LOCID:198DW001001 SAMPLE DATE:12/16/85

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
CL6CP	<10.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
DIMP	< 1.00
DBCP	< 0.004

EPA WATER CHEMISTRY SUMMARY

WELL:EPA004 EPA LOCID:198DW004001 SAMPLE DATE:12/17/85

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	9.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	68.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
CL6CP	<10.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
DIMP	< 1.00
DBCP	< 0.004

EPA WATER CHEMISTRY SUMMARY

WELL:EPA005 LOCID:198DW005001 SAMPLE DATE:12/17/85

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
CL6CP	<10.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
DIMP	< 1.00
DBCP	< 0.004

EPA WATER CHEMISTRY SUMMARY

WELL:EPA006 EPA LOCID:198DW006001 SAMPLE DATE:12/17/85

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	12.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
CL6CP	<10.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
DIMP	< 1.00
DBCP	< 0.004

EPA WATER CHEMISTRY SUMMARY

WELL:EPA007 EPA LOCID:198DW007001 SAMPLE DATE:12/17/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	6.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	10.00
CCL4	< 5.00
TRCLE	55.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	12.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
CL6CP	<10.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
DIMP	< 1.00
DBCP	< 0.004

EPA WATER CHEMISTRY SUMMARY

WELL:EPA008 EPA LOCID:198DW008001 SAMPLE DATE:12/17/85

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	10.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	92.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
CL6CP	<10.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
DBCP	< 0.004

EPA WATER CHEMISTRY SUMMARY

WELL:EPA010 EPA LOCID:198DW010001 SAMPLE DATE:12/18/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	6.00
T12DCE	10.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	58.00
CCL4	< 5.00
TRCLE	55.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	15.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	< 0.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA011 EPA LOCID:198DW011001 SAMPLE DATE:12/18/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	7.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	< 0.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA013 EPA LOCID:198DW013001 SAMPLE DATE:12/18/85

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	< 0.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

WELL:EPA017 EPA LOCID:198DW017001 SAMPLE DATE:12/19/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 0.50
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	< 0.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA019 EPA LOCID:198DW013001 SAMPLE DATE:12/19/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	7.00
T12DCE	6.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	8.00
CCL4	< 5.00
TRCLE	10.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	8.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	0.089
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA020 EPA LOCID:198DW020001 SAMPLE DATE:12/20/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	6.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	7.00
CCL4	< 5.00
TRCLE	12.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	8.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	< 0.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA021 EPA LOCID:198DW021001 SAMPLE DATE:12/20/85

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<10.00
DIMP	< 3.50
CL6CP	<10.00
DBCP	< 0.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA023 EPA LOCID:198DW023001 SAMPLE DATE:01/14/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA024 EPA LOCID:198DW024001 SAMPLE DATE:01/14/86

COMPOUND	CONCENTRATION
CH2CL2	< 8.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	6.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA025 EPA LOCID:198DW025001 SAMPLE DATE:01/13/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA026 EPA LOCID:198DW026001 SAMPLE DATE:01/13/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	9.00
CCL4	< 6.00
TRCLE	39.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	11.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA028 EPA LOCID:198DW028001 SAMPLE DATE:01/13/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 6.00
TRCLE	19.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA029 EPA LOCID:198DW029001 SAMPLE DATE:01/13/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA030 EPA LOCID:198DW030001 SAMPLE DATE:01/15/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	7.00
11DCLE	8.00
T12DCE	6.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	11.00
CCL4	6.00
TRCLE	22.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	15.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA031 EPA LOCID:198DW031001 SAMPLE DATE:01/15/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	14.00
T12DCE	9.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	6.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	< 10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA032 EPA LOCID:198DW032001 SAMPLE DATE:01/15/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	13.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA033 EPA LOCID:198DW033001 SAMPLE DATE:01/14/86

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 6.00
TRCLE	6.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

WELL:EPA034 EPA LOCID:198DW034001 SAMPLE DATE:01/14/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	7.00
CCL4	< 6.00
TRCLE	8.00
112TCE	6.00
C6H6	< 1.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA035 EPA LOCID:198DW035001 SAMPLE DATE:01/16/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	9.00
11DCLE	10.00
T12DCE	13.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	20.00
CCL4	< 6.00
TRCLE	23.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	17.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<12.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA036 EPA LOCID:198DW036001 SAMPLE DATE:01/16/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	11.00
11DCLE	10.00
T12DCE	15.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	26.00
CCL4	< 6.00
TRCLE	91.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	15.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 9.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA037 EPA LOCID:198DW037001 SAMPLE DATE:01/16/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	9.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	48.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 2.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.02
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA038 EPA LOCID:198DW038001 SAMPLE DATE:01/16/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	0.02
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA045 EPA LOCID:198DW045001 SAMPLE DATE:01/17/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 6.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	< 10.00
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
CLDAN	< 0.25
CL6CP	< 10.00
DBCP	< 0.11

EPA WATER CHEMISTRY SUMMARY

WELL:EPA046 EPA LOCID:198DW046001 SAMPLE DATE:01/17/86

COMPOUND	CONCENTRATION
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA047 EPA LOC1 :198DW047001 SAMPLE DATE:01/17/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 6.00
TRCLE	6.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA048 EPA LOCID:198DW048001 SAMPLE DATE:01/17/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	10.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	6.00
CCL4	< 6.00
TRCLE	84.00
112TCE	< 6.00
C6H6	< 5.00
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	< 10.00
CL6CP	< 10.00
DBCP	< 0.11

EPA WATER CHEMISTRY SUMMARY

WELL:EPA051 EPA LOCID:198DW051001 SAMPLE DATE:01/20/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	12.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	10.00
CCL4	< 6.00
TRCLE	88.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	9.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
CL6CP	<10.00
DBCP	< 0.11
TCLEE	<276.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA052 EPA LOCID:198DW052001 SAMPLE DATE:01/20/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 6.00
TRCLE	7.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.01
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25
TCLEE	< 285.00
DIMP	< 10.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA053 EPA LOCID:198DW053001 SAMPLE DATE:01/20/86

COMPOUND	CONCENTRATION
CH2CL2	< 6.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 6.00
CCL4	11.00
TRCLE	< 5.00
112TCE	< 6.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
DIMP	<10.00
CL6CP	<10.00
DBCP	< 0.11
ALDRN	< 0.01
DLDRN	< 0.10
PPDDE	< 0.01
ENDRN	< 0.01
PPDDT	< 0.02
CLDAN	< 0.25

EPA WATER CHEMISTRY SUMMARY

WELL:EPA055 EPA LOCID:198DW055001 SAMPLE DATE:05/30/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	7.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA056 EPA LOCID:198DW056001 SAMPLE DATE:05/30/86

COMPOUND	CONCENTRATION
CH2CL2	< 3.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	34.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA058 EPA LOCID:198DW058001 SAMPLE DATE:06/02/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	6.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	9.00
CCL4	< 5.00
TRCLE	33.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	12.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA059 EPA LOCID:198DW059001 SAMPLE DATE:06/02/86

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	6.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	8.00
CCL4	< 5.00
TRCLE	15.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	11.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00
CL6CP	<15.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA060 EPA LOCID:198DW060001 SAMPLE DATE:06/20/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	12.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	6.00
CCL4	< 5.00
TRCLE	53.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA062 EPA LOCID:198DW062001 SAMPLE DATE:06/03/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	38.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA063 EPA LOCID:198DW063001 SAMPLE DATE:06/03/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	14.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	120.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA066 EPA LOCID:198DW066001 SAMPLE DATE:06/03/86

COMPOUND	CONCENTRATION
CL6CP	<15.00
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 2.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	23.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA067 EPA LOCID:198DW067001 SAMPLE DATE:06/04/86

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	8.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	< 15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	< 123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA068 EPA LOCID:198DW068001 SAMPLE DATE:06/04/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA069 EPA LOCID:198DW069001 SAMPLE DATE:06/04/86

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 5.00
11DCLE	6.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA071 EPA LOCID:198DW071001 SAMPLE DATE:06/05/86

COMPOUND	CONCENTRATION
CH2CL2	< 1.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA072 EPA LOCID:198DW072001 SAMPLE DATE:06/05/86

COMPOUND	CONCENTRATION
CH2CL2	< 1.00
11DCE	< 5.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	6.00
CCL4	< 5.00
TRCLE	56.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	7.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA073 EPA LOCID:198DW073001 SAMPLE DATE:06/05/86

COMPOUND	CONCENTRATION
CH2CL2	< 2.00
11DCE	7.00
11DCLE	10.00
T12DCE	13.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	17.00
CCL4	< 5.00
TRCLE	16.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	16.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA076 EPA LOCID:198DW076001 SAMPLE DATE:06/05/86

COMPOUND	CONCENTRATION
CH2CL2	< 3.00
11DCE	11.00
11DCLE	11.00
T12DCE	16.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	25.00
CCL4	< 5.00
TRCLE	110.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	21.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<15.00
ALDRN	< 0.20
DLDRN	< 0.30
PPDDE	< 0.30
ENDRN	< 0.40
PPDDT	< 5.00
CLDAN	<123.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA010 EPA LOCID:198DW010002 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	12.00
T12DCE	85.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	130.00
CCL4	< 5.00
TRCLE	91.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	10.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA010 EPA LOCID:198DW010003 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
11DCE	1.00
11DCLE	9.40
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	92.00
TRCLE	95.00
TCLEE	6.60
C6H6	< 1.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA010 EPA LOCID:198DW010002 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
11DCE	1.20
11DCLE	10.00
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	95.00
TRCLE	100.00
TCLEE	7.20
C6H6	< 1.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA019 EPA LOCID:198DW019002 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	8.00
11DCLE	12.00
T12DCE	28.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	19.00
CCL4	< 5.00
TRCLE	14.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	16.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA019 EPA LOCID:198DW019002 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
11DCE	7.00
11DCLE	11.00
T12DCE	< 0.50
CHCL3	1.40
111TCE	14.00
TRCLE	13.00
TCLEE	14.00
C6H6	< 1.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA063 EPA LOCID:198DW063002 SAMPLE DATE:03/02/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	8.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	19.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA063 EPA LOCID:198DW063002 SAMPLE DATE:03/02/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	19.00
TCLEE	< 0.50
C6H6	< 1.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA073 EPA LOCID:198DW073002 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	8.00
11DCLE	11.00
T12DCE	27.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	23.00
CCL4	< 5.00
TRCLE	16.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	18.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA073 EPA LOCID:198DW073002 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
11DCE	6.50
11DCLE	11.00
T12DCE	< 0.50
CHCL3	1.40
111TCE	13.00
TRCLE	12.00
TCLEE	8.80
C6H6	< 1.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA077 EPA LOCID:198DW077001 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	20.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	10.00
CCL4	< 5.00
TRCLE	66.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	6.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA077 EPA LOCID:198DW077001 SAMPLE DATE:03/03/87

COMPOUND	CONCENTRATION
11DCE	2.80
11DCLE	2.40
T12DCE	< 0.50
CHCL3	0.81
111TCE	6.00
TRCLE	83.00
TCLEE	4.40
C6H6	< 1.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA008G EPA LOCID:198GW008011 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA008G EPA LOCID:198GW008011 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	0.73
TRCLE	3.00
TCLEE	0.85
C6H6	< 0.50
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA009G EPA LOCID:198GW009013 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	24.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA009G EPA LOCID:198GW009013 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
11DCE	0.66
11DCLE	0.95
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	29.00
TCLEE	1.50
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA010G EPA LOCID:198GW010011 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<20.00
CL6CP	< 0.10
DBCP	< 0.05
ALDRN	< 0.10
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.50
CLDAN	< 0.00
ISODR	

EPA WATER CHEMISTRY SUMMARY

WELL:EPA010G EPA LOCID:198GW010011 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	2.30
TCLEE	1.10
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA011G EPA LOCID:198GW011009 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA012G EPA LOCID:198G012012 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
11DCE	0.90
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	35.00
TCLEE	0.60
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA014G EPA LOCID:198GW014009 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
CH2CL2	< 7.00
11DCE	< 6.00
11DCLE	< 6.00
T12DCE	< 6.00
CHCL3	< 6.00
12DCLE	< 6.00
111TCE	< 6.00
CCL4	< 6.00
TRCLE	9.00
112TCE	< 6.00
C6H6	< 6.00
TCLEE	110.00
MEC6H4	< 6.00
CLC6H5	< 6.00
ETC6H5	< 6.00
XYLENE	< 6.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA011G EPA LOCID:198GW011009 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	< 0.50
TCLEE	< 0.50
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA012G EPA LOCID:198GW012012 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	7.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	45.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA014G EPA LOCID:198GW014009 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	8.50
TCLEE	120.00
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015G EPA LOCID:198GW015011 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	19.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015G EPA LOCID:198GW015011 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
11DCE	1.30
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	< 0.50
TRCLE	12.00
TCLEE	0.56
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA016G EPA LOCID:198GW016010 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	10.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA016G EPA LOCID:198GW016010 SAMPLE DATE:02/26/87

COMPOUND	CONCENTRATION
11DCE	1.40
11DCLE	2.00
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	2.80
TRCLE	12.00
TCLEE	3.50
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA005M EPA LOCID:198MW005015 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	9.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	<20.00
CL6CP	< 0.10
DBCP	< 0.05
ALDRN	< 0.10
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.50
CLDAN	< 0.00
ISODR	

EPA WATER CHEMISTRY SUMMARY

WELL:EPA005M EPA LOCID:198MW005015 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
11DCE	0.66
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	1.50
TRCLE	5.50
TCLEE	1.70
C6H6	< 0.50
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA005M EPA LOCID:198MW005016 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
11DCE	0.71
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	1.60
TRCLE	5.20
TCLEE	1.50
C6H6	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA012M EPA LOCID:198MW012010 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 4.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	6.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA012M EPA LOCID:198MW012010 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
11DCE	2.80
11DCLE	1.00
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	1.10
TRCLE	6.40
TCLEE	2.10
C6H6	< 0.50
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA012M EPA LOCID:198MW012010 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
CL6CP	<20.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00
DBCP	< 0.10

EPA WATER CHEMISTRY SUMMARY

WELL:EPA012M EPA LOCID:198MW012011 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
11DCE	2.80
11DCLE	0.89
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	0.58
TRCLE	4.80
TCLEE	1.40
C6H6	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA013M EPA LOCID:198MW013012 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
CH2CL2	6.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	8.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA013M EPA LOCID:198MW013012 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
11DCE	0.61
11DCLE	3.00
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	2.50
TRCLE	4.80
TCLEE	2.30
C6H6	< 0.50
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA013M EPA LOCID:198MW013013 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
11DCE	0.63
11DCLE	2.90
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	2.40
TRCLE	4.30
TCLEE	2.00
C6H6	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA014M EPA LOCID:198MW014013 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	7.00
T12DCE	8.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	12.00
CCL4	< 5.00
TRCLE	16.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	10.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00
DBCP	< 0.10

EPA WATER CHEMISTRY SUMMARY

WELL:EPA014M EPA LOCID:198MW014013 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
11DCE	0.53
11DCLE	5.10
T12DCE	< 0.50
CHCL3	0.93
111TCE	8.30
TRCLE	12.00
TCLEE	5.70
C6H6	< 0.50
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA014M EPA LOCID:198MW014014 SAMPLE DATE:02/24/87

COMPOUND	CONCENTRATION
11DCE	1.80
11DCLE	5.10
T12DCE	< 0.50
CHCL3	0.75
111TCE	8.00
TRCLE	12.00
TCLEE	5.70
C6H6	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015M EPA LOCID:198MW015015 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
CH2CL2	10.000
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	12.00
CCL4	< 5.00
TRCLE	16.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015M EPA LOCID:198MW015015 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
11DCE	1.80
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	5.70
TRCLE	8.70
TCLEE	< 0.50
C6H6	< 0.50
DIMP	< 2.00
DCPD	< 5.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015M EPA LOCID:198MW015016 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
11DCE	1.80
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	5.50
TRCLE	8.80
TCLEE	< 0.50
C6H6	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015M EPA LOCID:198MW015017 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	7.00
CCL4	< 5.00
TRCLE	11.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10

L.A WATER CHEMISTRY SUMMARY

WELL:EPA015M EPA LOCID:198MW015017 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA015M EPA LOCID:198MW015017 SAMPLE DATE:02/25/87

COMPOUND	CONCENTRATION
11DCE	1.80
11DCLE	< 0.50
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	5.70
TRCLE	8.60
TCLEE	< 0.50
C6H6	< 0.50

EPA WATER CHEMISTRY SUMMARY

WELL:EPA517M EPA LOCID:198MW517005 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	0.52
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	0.88
TRCLE	< 0.50
TCLEE	< 0.50
C6H6	< 1.00

EPA WATER CHEMISTRY SUMMARY

WELL:EPA517M EPA LOCID:198MW517005 SAMPLE DATE:02/27/87

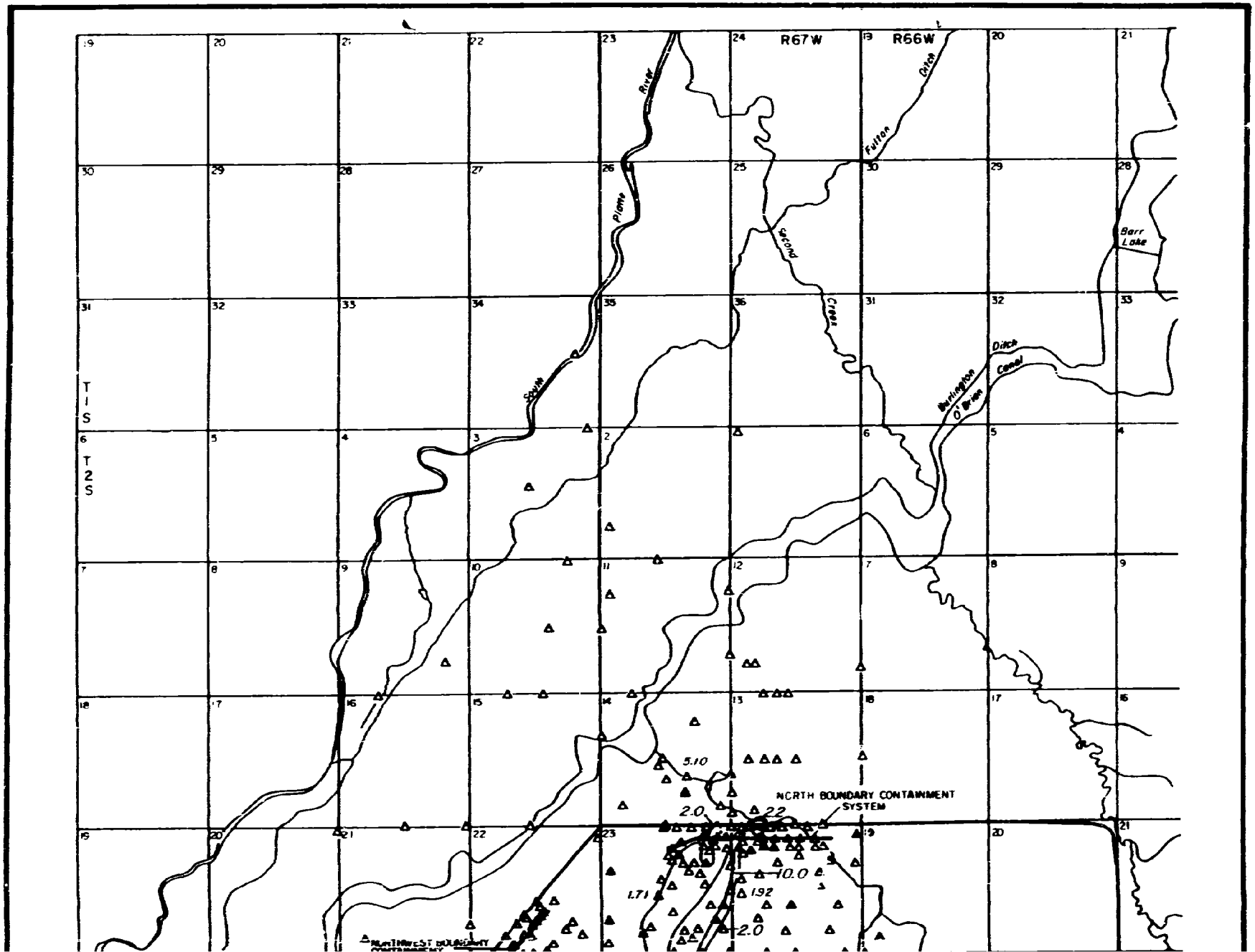
COMPOUND	CONCENTRATION
CH2CL2	< 5.00
11DCE	< 6.00
11DCLE	< 5.00
T12DCE	< 5.00
CHCL3	< 5.00
12DCLE	< 5.00
111TCE	< 5.00
CCL4	< 5.00
TRCLE	< 5.00
112TCE	< 5.00
C6H6	< 5.00
TCLEE	< 5.00
MEC6H4	< 5.00
CLC6H5	< 5.00
ETC6H5	< 5.00
XYLENE	< 5.00
CL6CP	<20.00
DBCP	< 0.10
ALDRN	< 0.05
DLDRN	< 0.10
PPDDE	< 0.10
ENDRN	< 0.10
PPDDT	< 0.10
CLDAN	< 0.50
ISODR	< 0.00

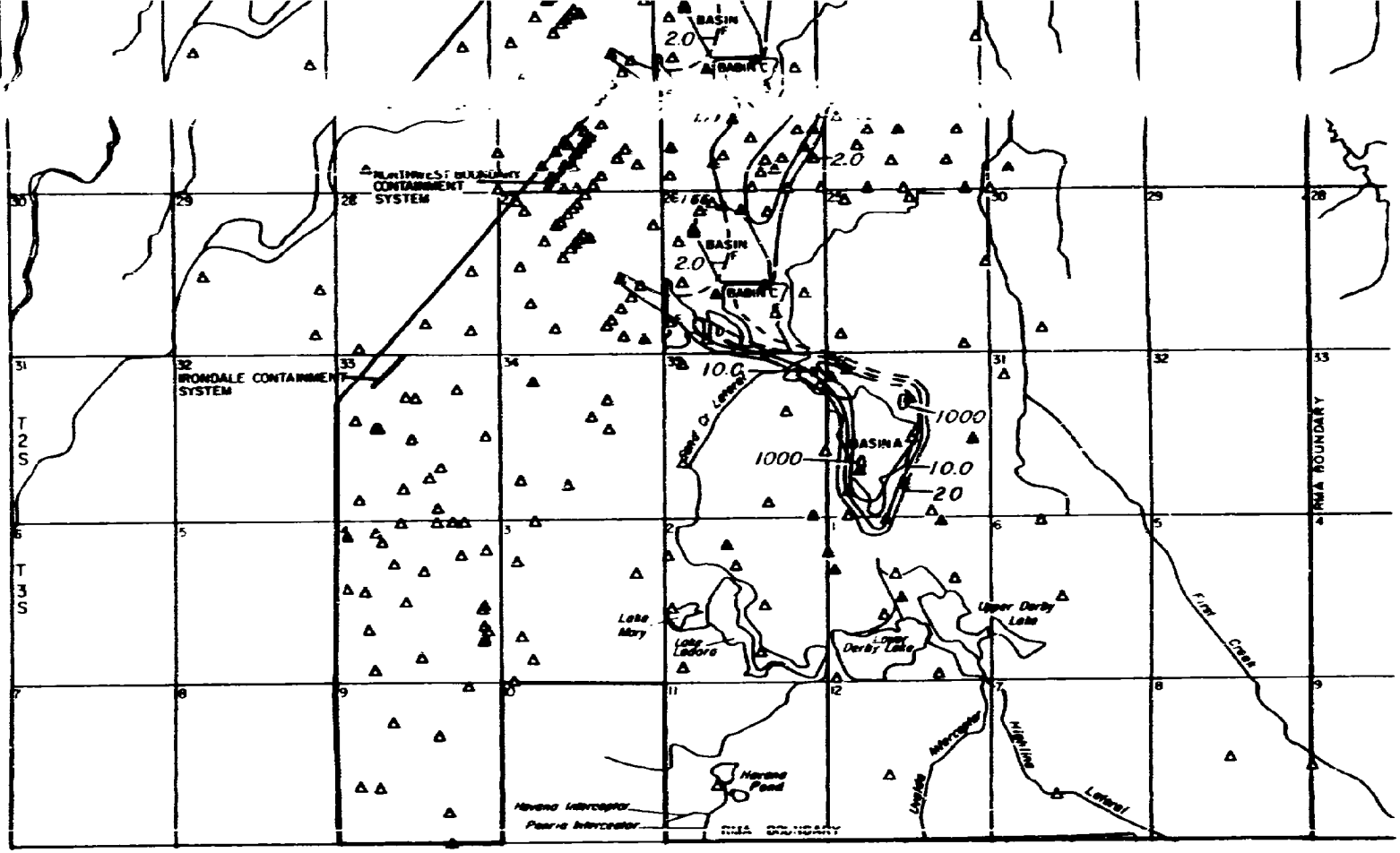
EPA WATER CHEMISTRY SUMMARY

WELL:EPA517M EPA LOCID:198MW517006 SAMPLE DATE:02/27/87

COMPOUND	CONCENTRATION
11DCE	< 0.50
11DCLE	0.51
T12DCE	< 0.50
CHCL3	< 0.50
111TCE	0.67
TRCLE	< 0.50
TCLEE	< 0.50
C6H6	< 1.00
DIMP	< 2.00
DCPD	< 5.00

APPENDIX D.3: ALLUVIAL/UNCONFINED PLUME MAPS (D-1 TO D-9)


R67W
R66W
T 1 S
T 2 S
Plume
South
Second Creek
Fulton Ditch
Barr Lake
Burlington Ditch
O'Brian Canal
5.10
2.0
.22
NORTH BOUNDARY CONTAINMENT SYSTEM
10.0
1.71
1.92
2.0



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- Δ^{166} Isolated Alluvial Detection Or Detection Less Than Highest CRL, In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

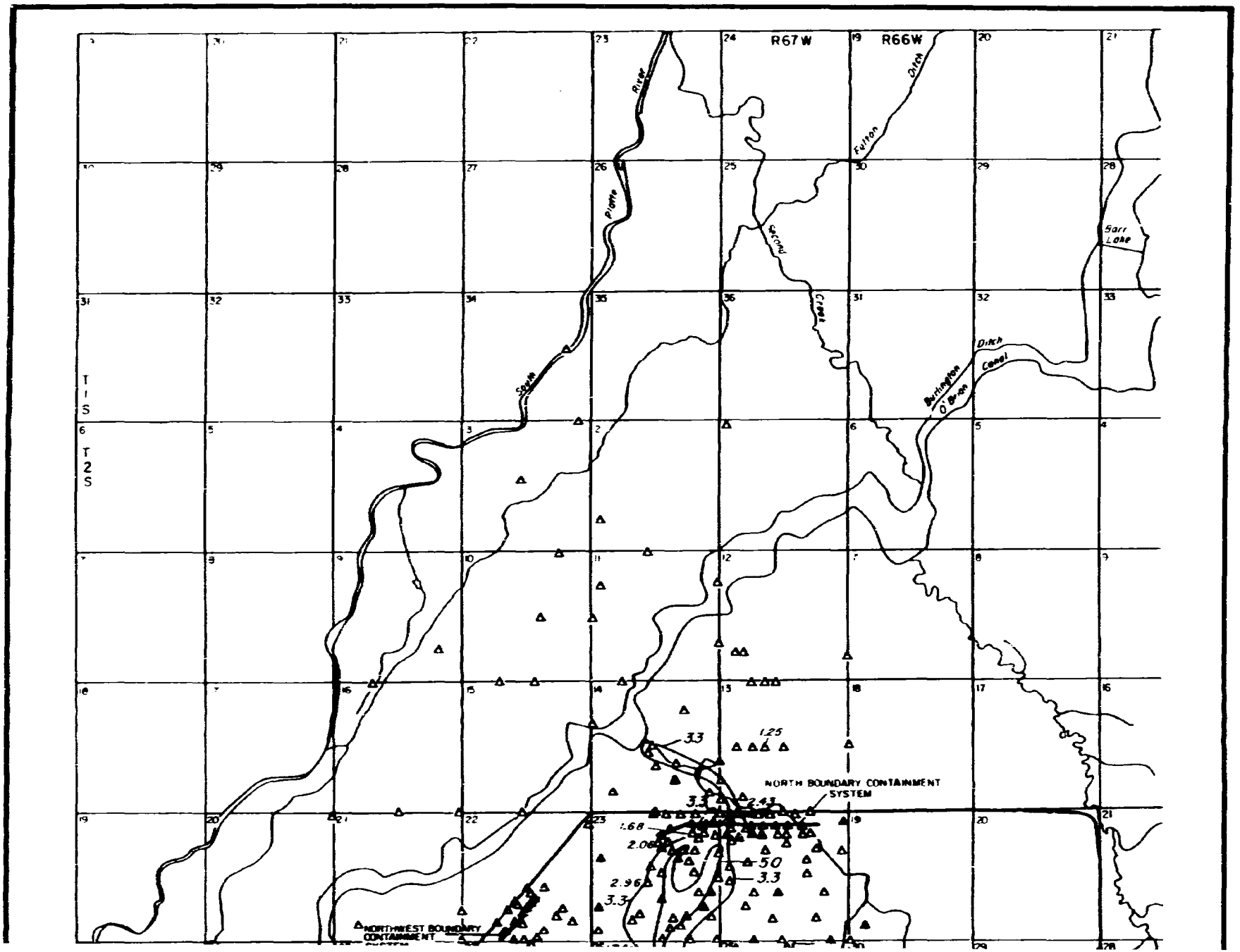
Figure D-1

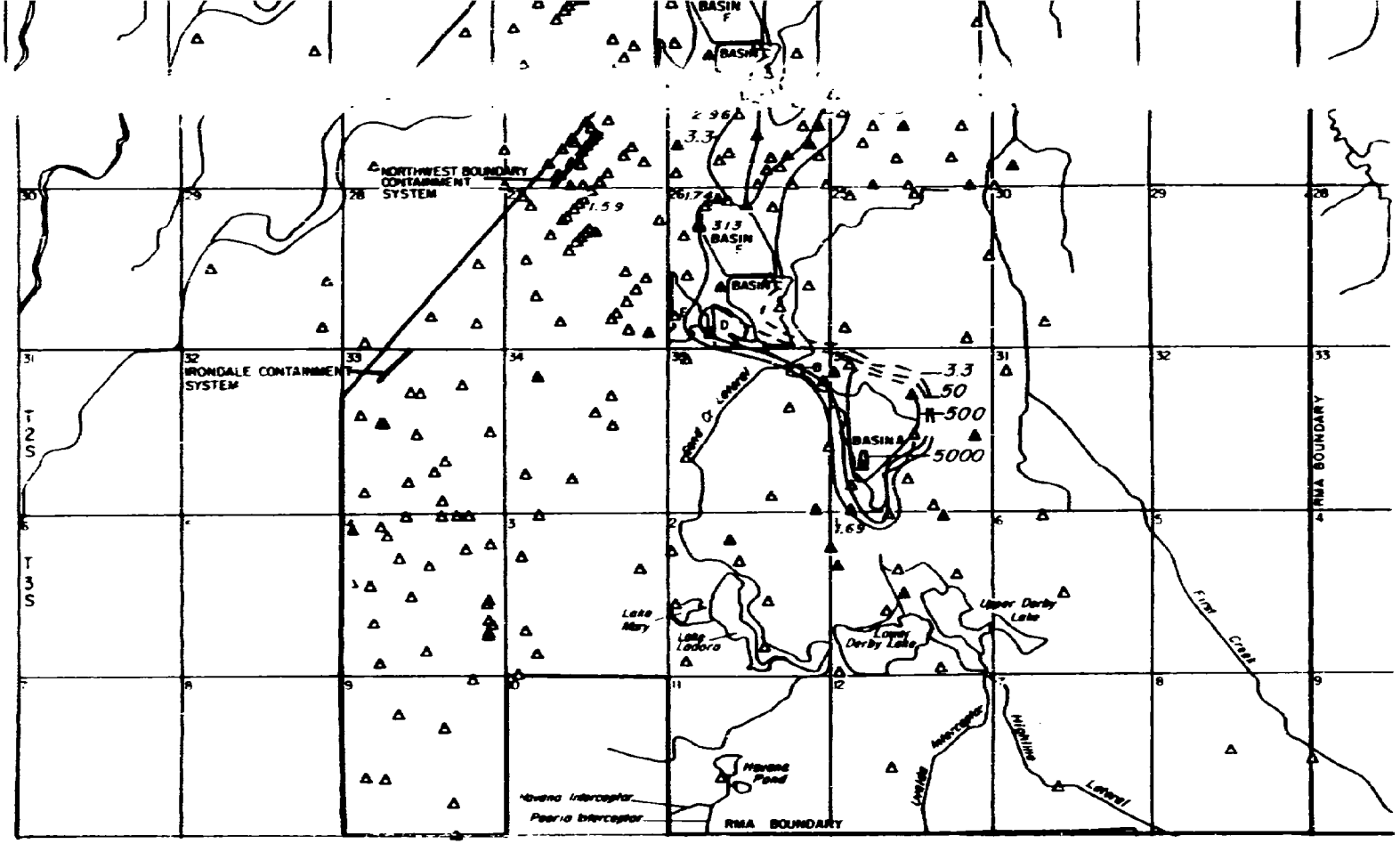
OXATHIANE PLUMES UNCONFINED GROUNDWATER FLOW SYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T 1 S
T 2 S
Platte River
South Platte River
Second Creek
Fulton Ditch
Burlington Ditch
O'Brien Canal
Barr Lake
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT
33
1.25
3.3
2.43
1.68
2.06
50
3.3
2.96
3.3



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- $\Delta^{1.69}$ Isolated Alluvial Detection Or Detection Less Than Highest CRL, In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

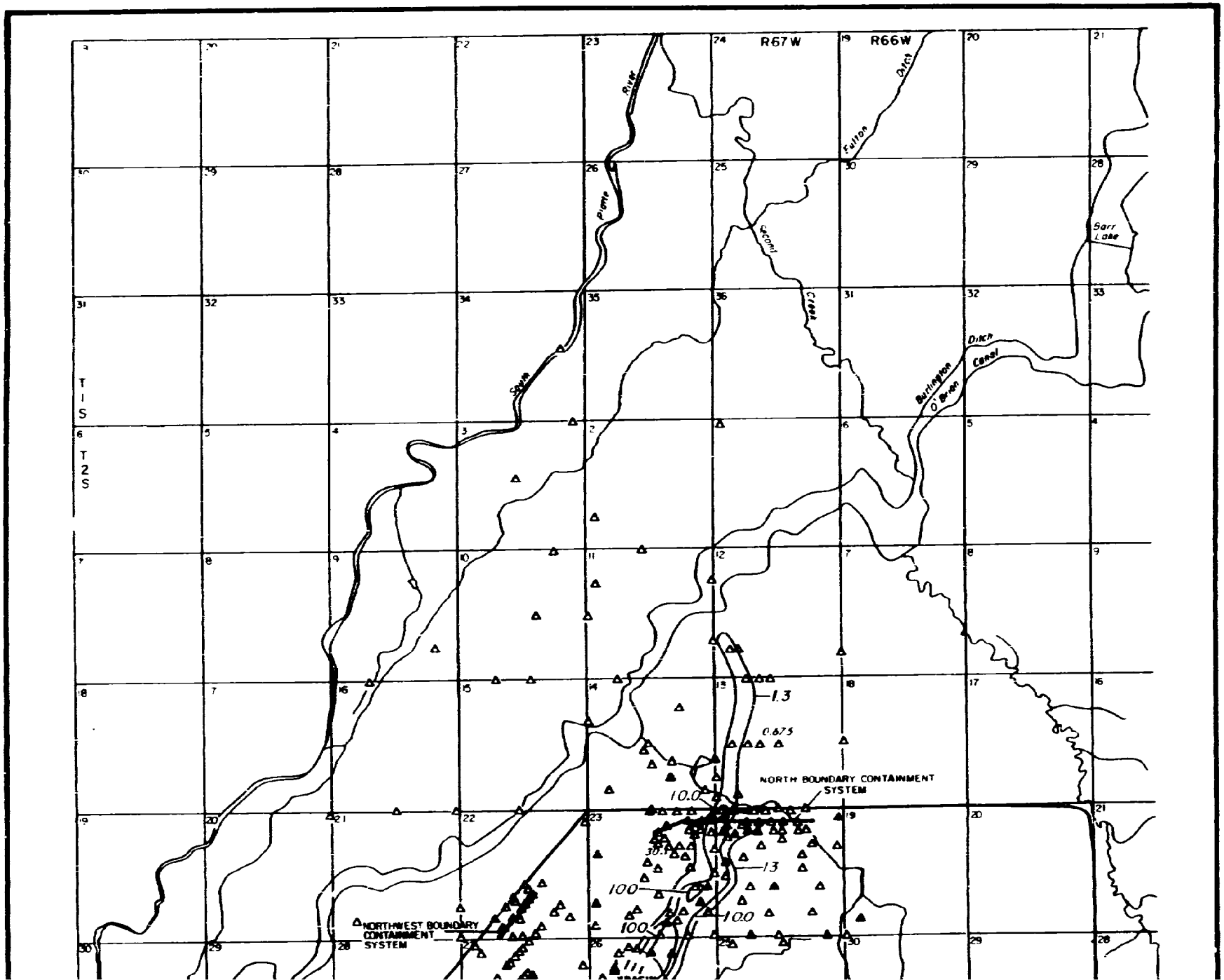
Figure D-2

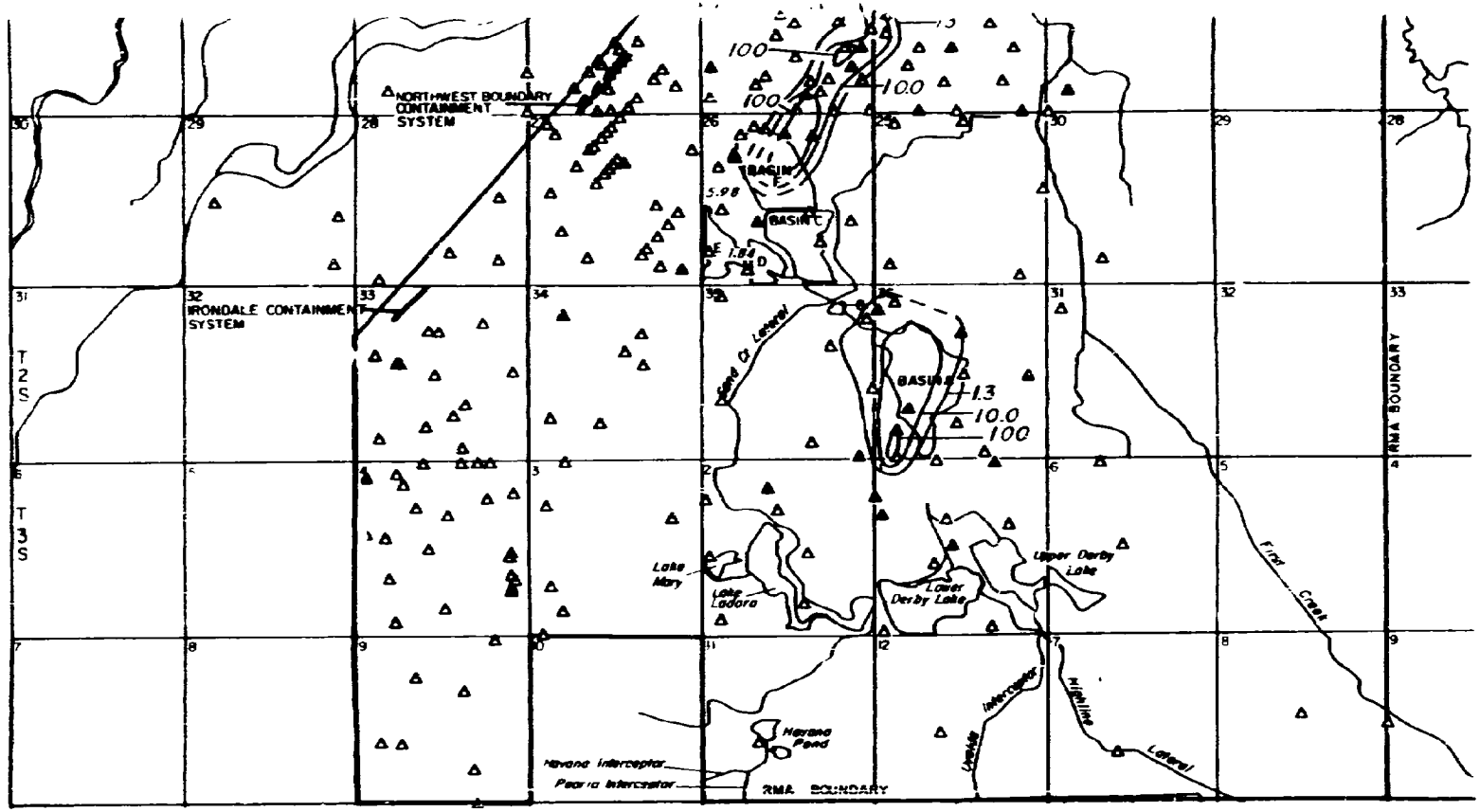
DITHIANE PLUMES UNCONFINED GROUNDWATER FLOWSYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T 1 S
T 2 S
Fulton Ditch
Sarr Lake
Burlington Ditch
Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
1.3
0.675
10.0
100
30



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- △ .84 Isolated Alluvial Detection Or Detection Less Than Highest CRL, In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

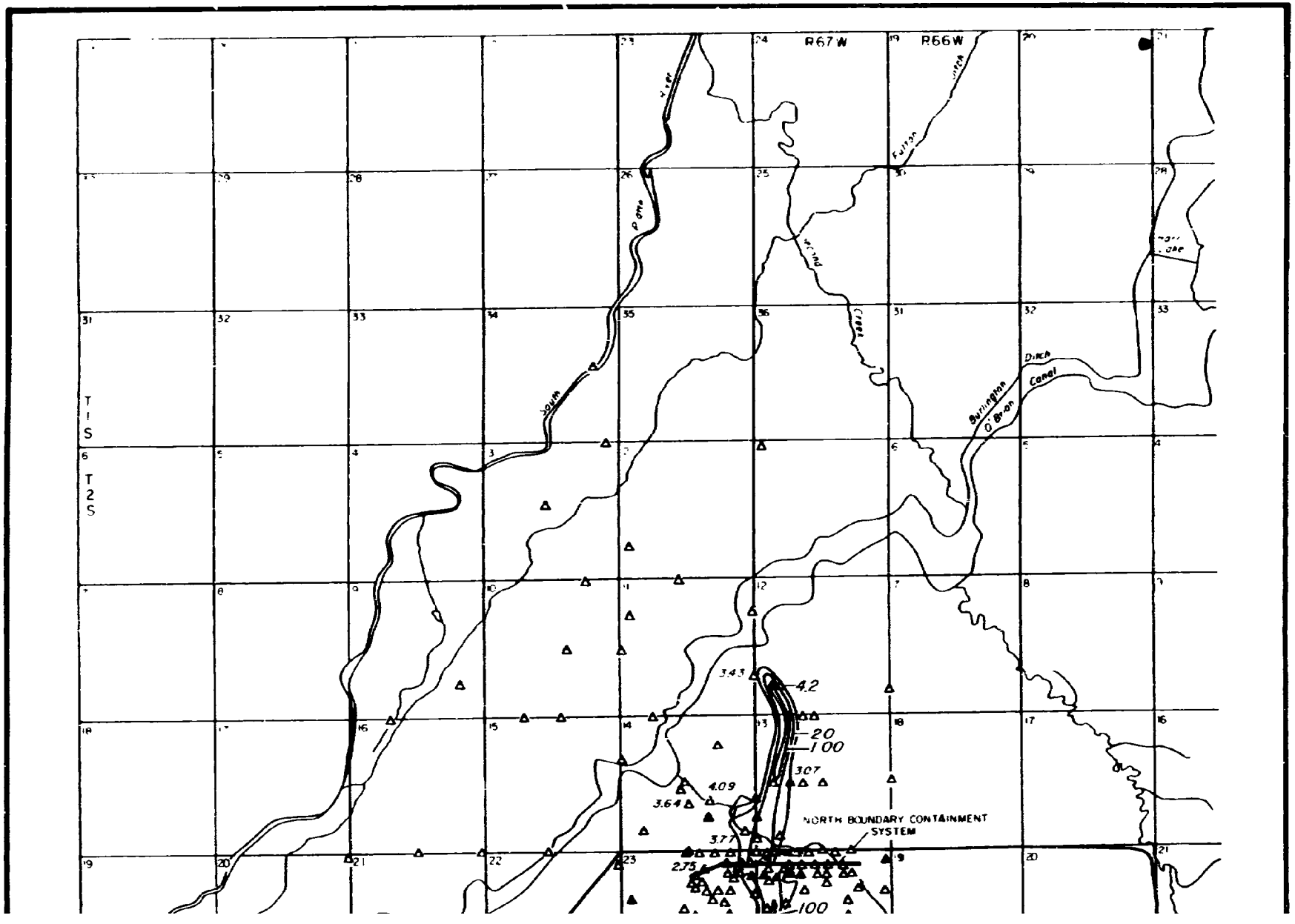
Figure D-3

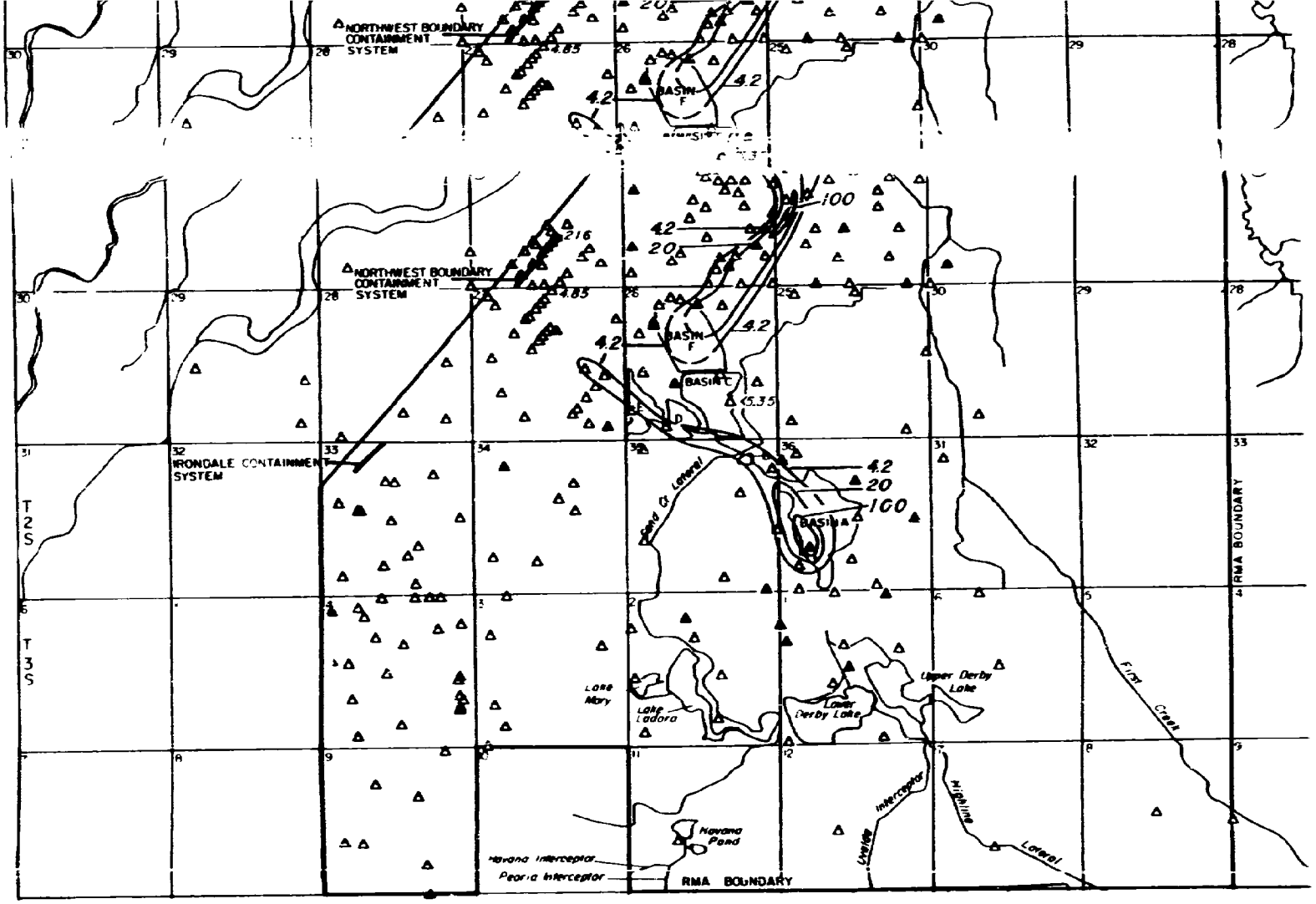
CPMS PLUMES UNCONFINED GROUNDWATER FLOW SYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T
1
S
T
2
S
Burlington
Ditch
Canal
O'Brian
NORTH BOUNDARY CONTAINMENT
SYSTEM
4.2
20
100
3.43
3.07
4.09
3.64
3.77
2.75
100



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- Δ^{535} Isolated Alluvial Detection Or Detection Less Than Highest CRL, In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

Figure D-4

CPMSO PLUMES UNCONFINED GROUNDWATER

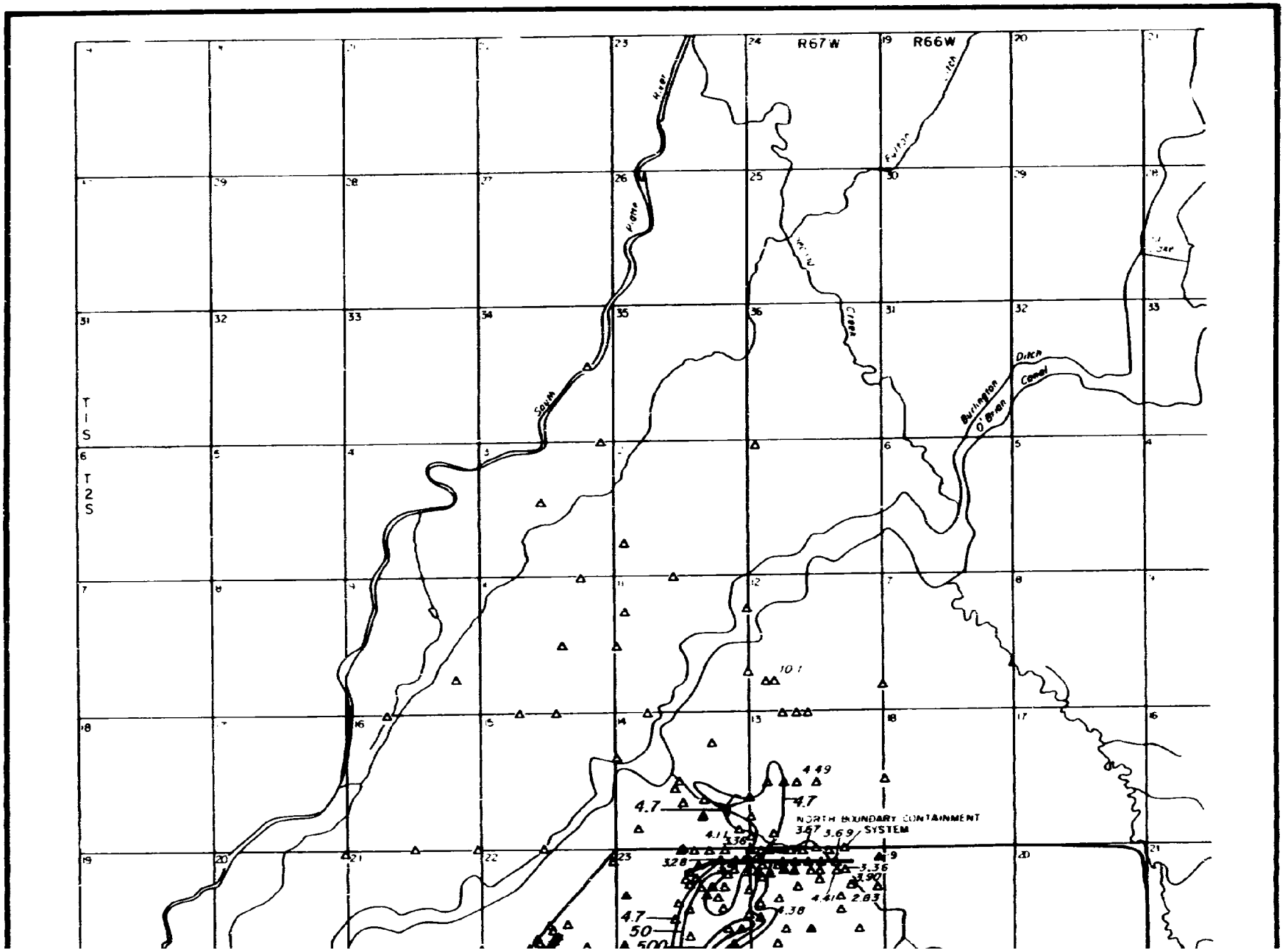
Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

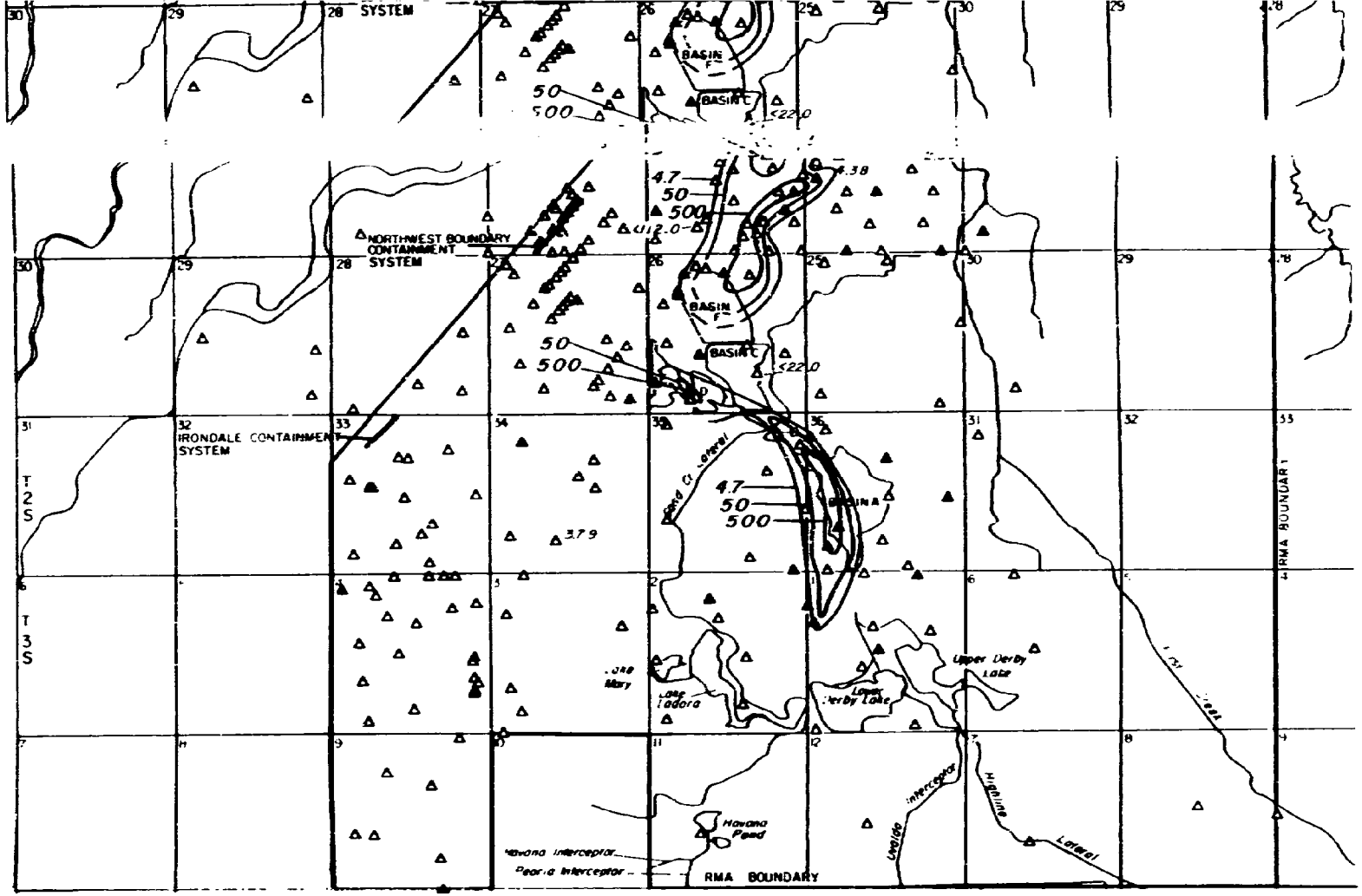
FLOW SYSTEM 3RD QUARTER, FY 1987

SOURCE: HLA, 1988

For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- $\triangle^{379}$ Isolated Alluvial Detection Or Detection Less Than Highest CRL. In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

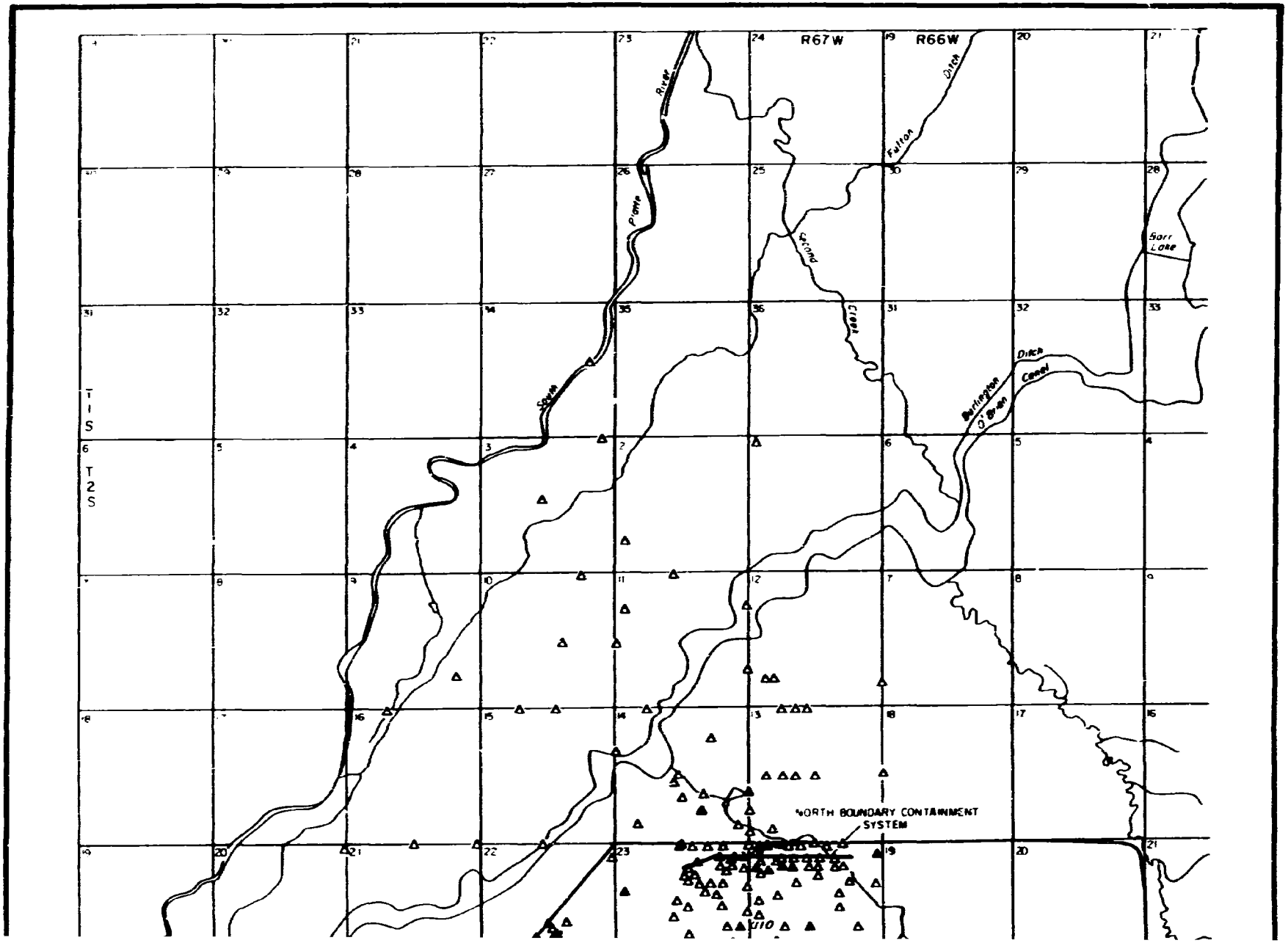
Figure D-5

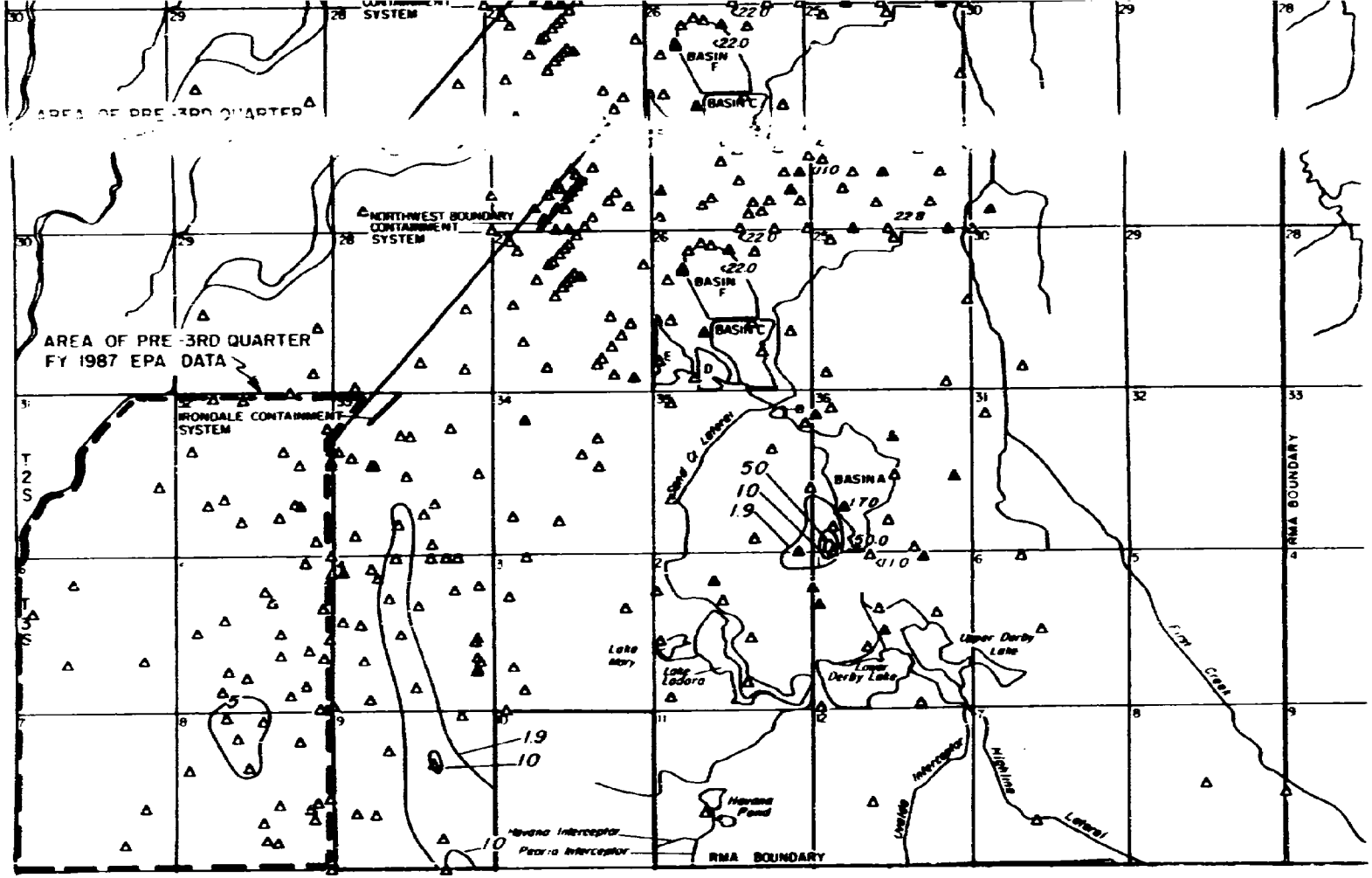
CPMSO$_2$ PLUMES UNCONFINED GROUNDWATER FLOW SYSTEM 3RD QUARTER, FY 1987

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- $\Delta^{<1.0}$ Isolated Alluvial Detection Or Detection Less Than Highest CRL in ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

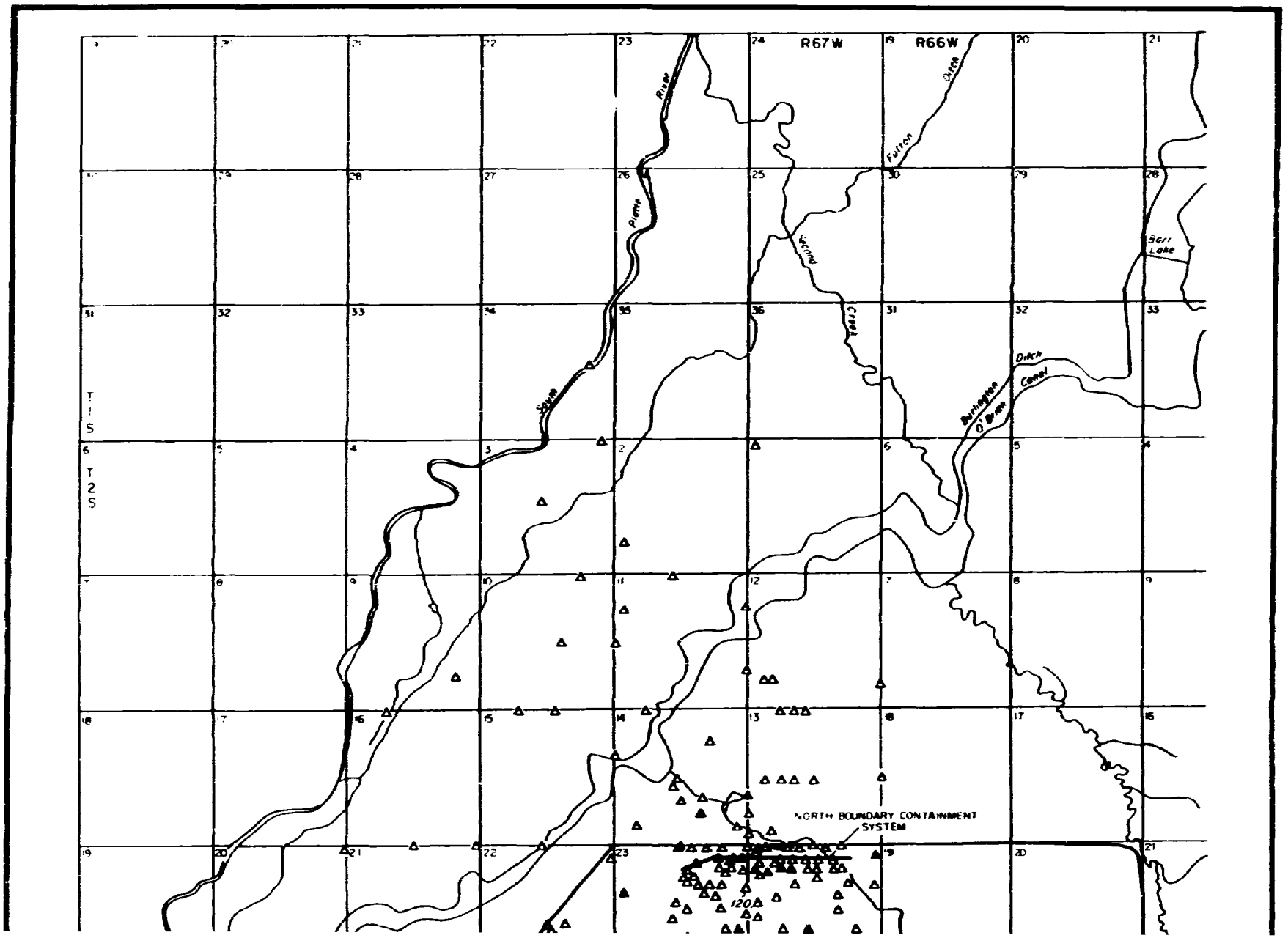
Figure D-6

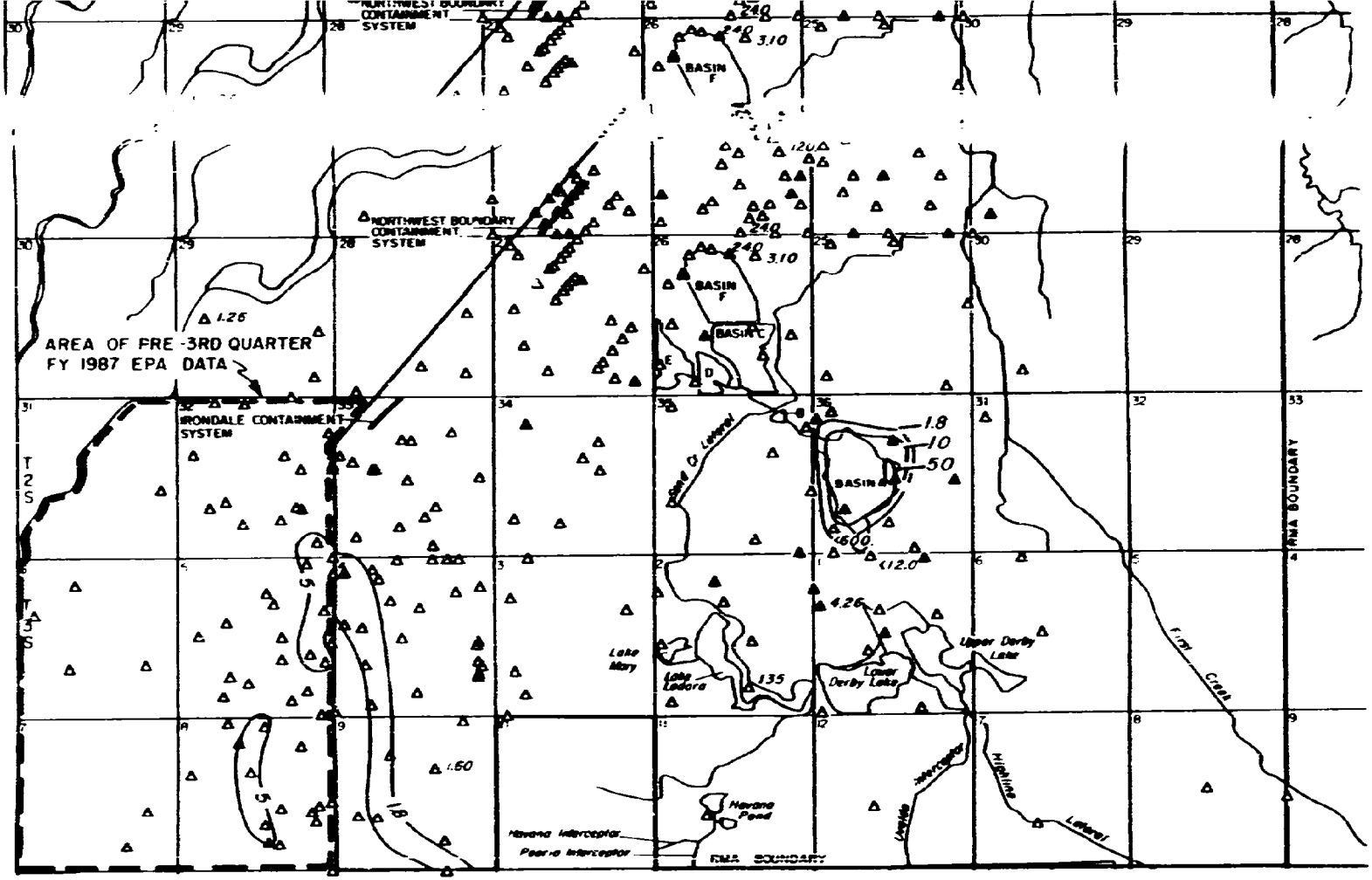
11 DICHLOROETHENE PLUMES UNCONFINED GROUNDWATER SYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T 1 S
T 2 S
Second Creek
Burlington Ditch
O'Brien Canal
Fulton Ditch
Platte River
South Platte River
Sherr Lake
NORTH BOUNDARY CONTAINMENT SYSTEM
120



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- △ 1.6C Isolated Alluvial Detection Or Detection Less Than Highest CRL, In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

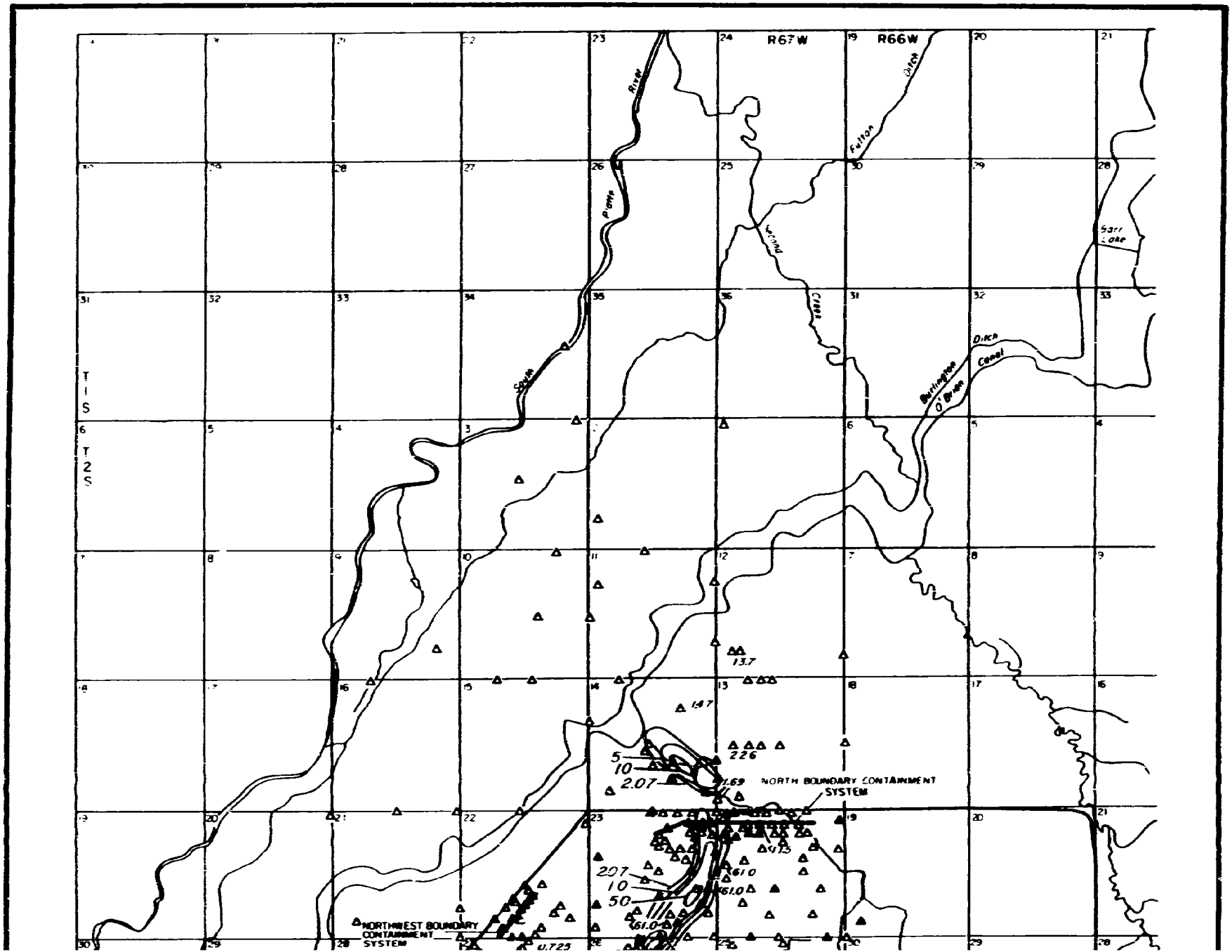
Figure D-7

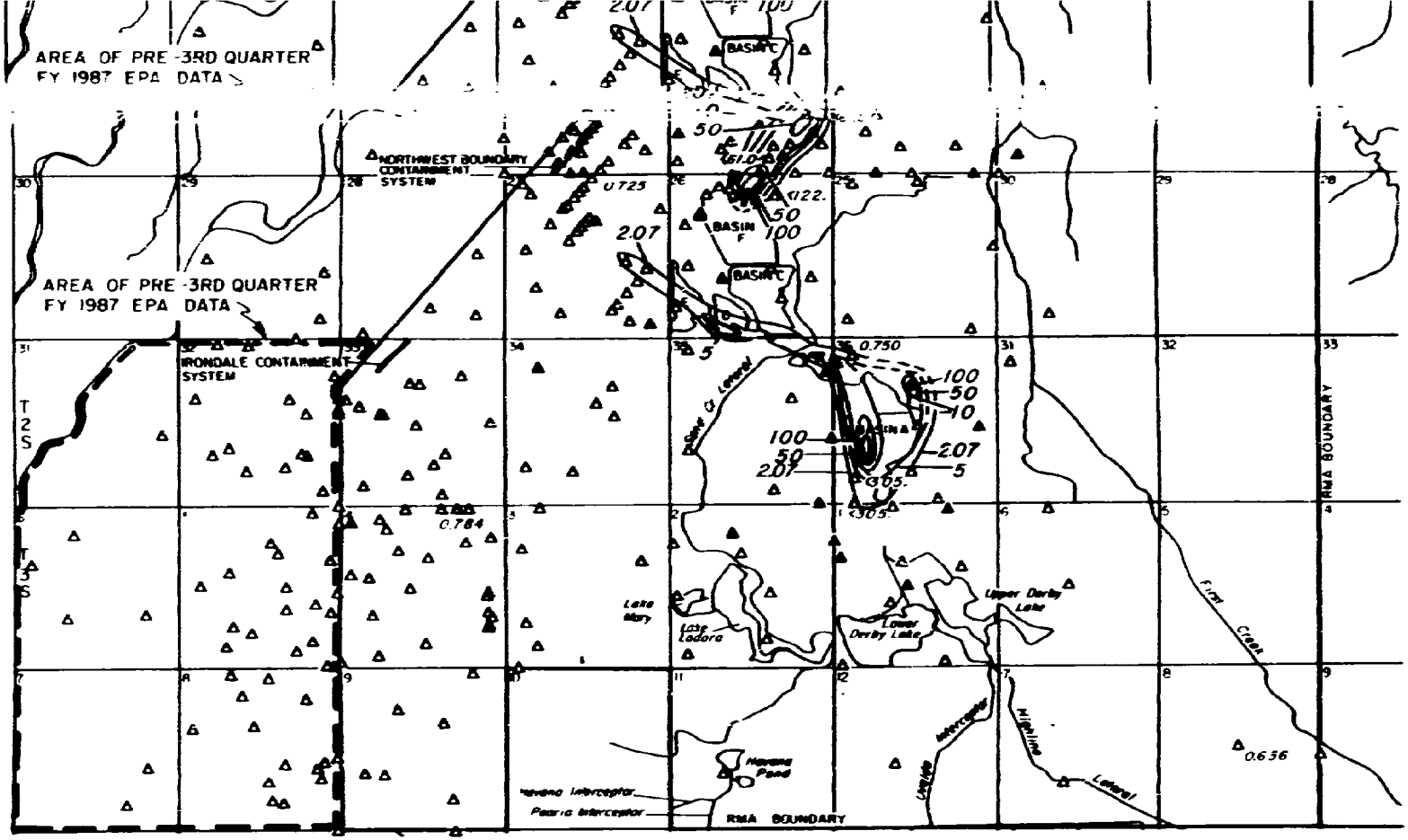
T1,2-DICHLOROETHENE PLUMES UNCONFINED GROUNDWATER FLOW SYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T 1 S
T 2 S
South Platte River
Second Creek
Fulton Ditch
Barr Lake
Burlington Ditch
O'Brian Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
5
10
2.07
1.69
226
13.7
14.7
20.7
10
50
61.0
61.0
0.725



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- $\triangle^{0.784}$ Isolated Alluvial Detection Or Detection Less Than Highest CRL, In ug/l

Contour Interval Varies

N

0 2500 5000

Scale In Feet

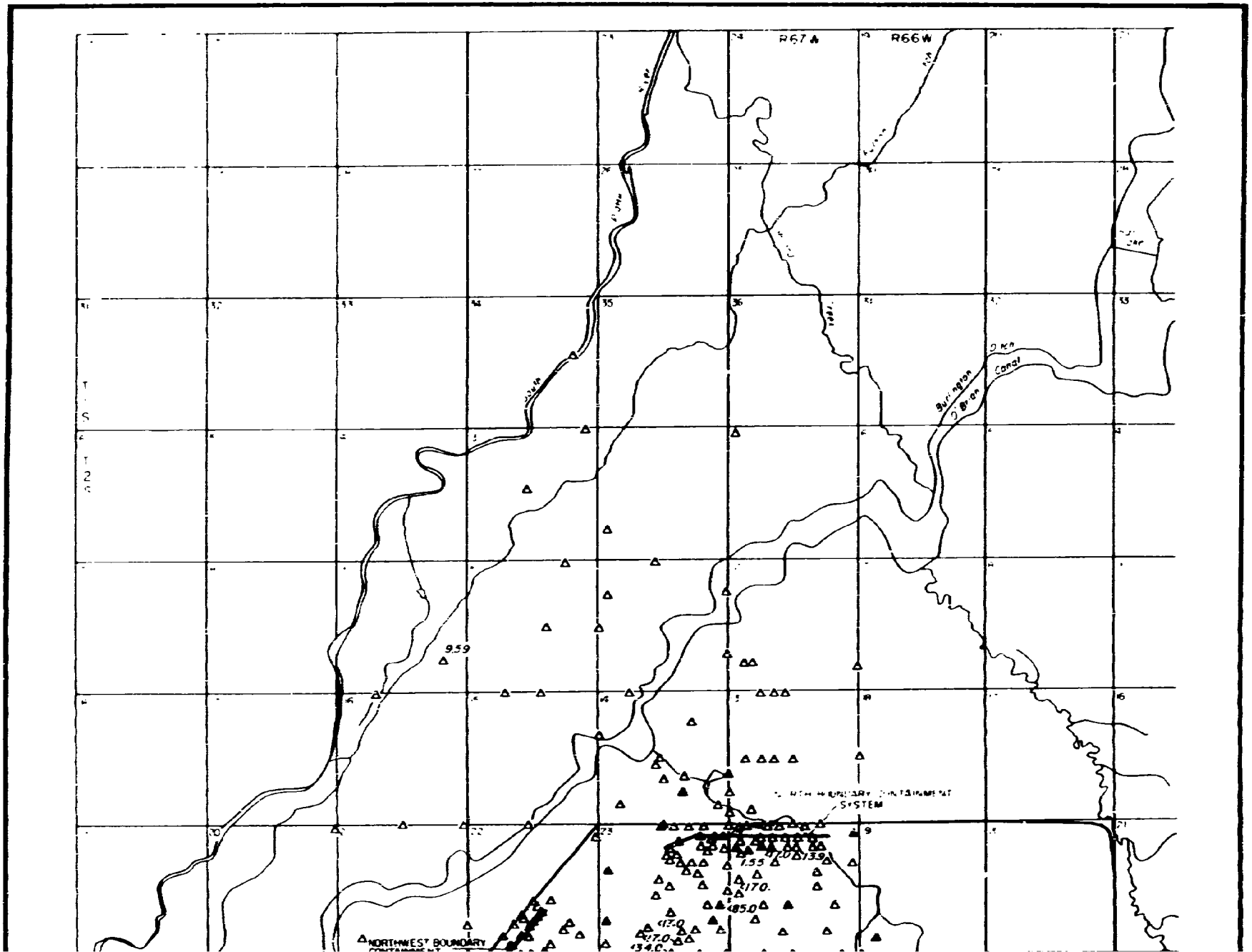
Figure D-8

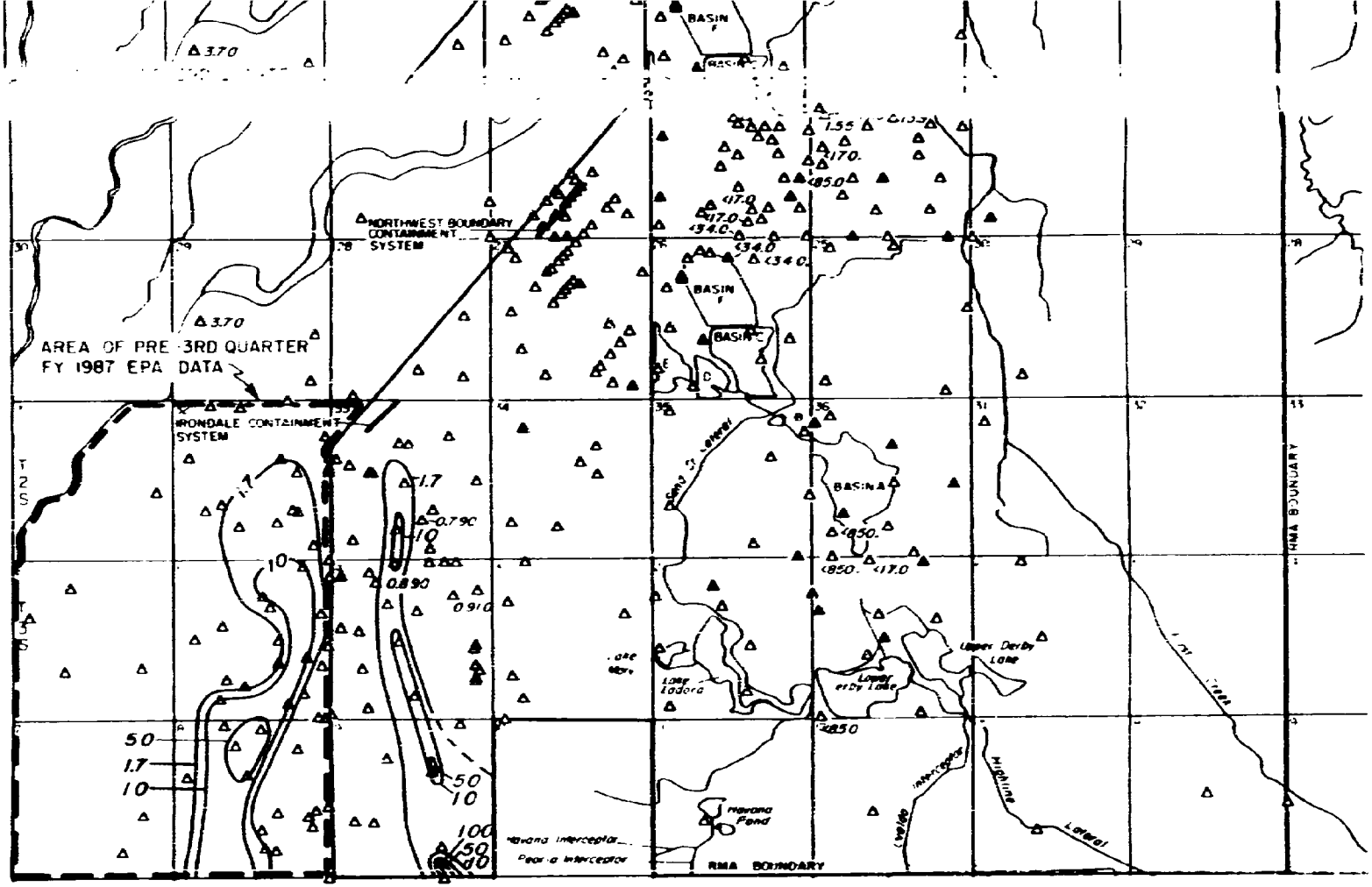
1,2 DICHLOROETHENE PLUMES UNCONFINED GROUNDWATER FLOW SYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T 5 S
T 2 S
Burlington & Byron Canal
959
NORTHWEST BOUNDARY
SYSTEM
1.55
170.
485.0
17.0
17.0
34.0



EXPLANATION

- △ Alluvial Well
- ▲ Unconfined Denver Formation Well
- Isoconcentration Line, Dashed Where Inferred
- $\triangle^{850.}$ Isolated Alluvial Detection Or Detection Less Than Highest CRL (in ug/l)

Contour Interval Varies

N

0 2500 5000

Scale in Feet

Figure D-9

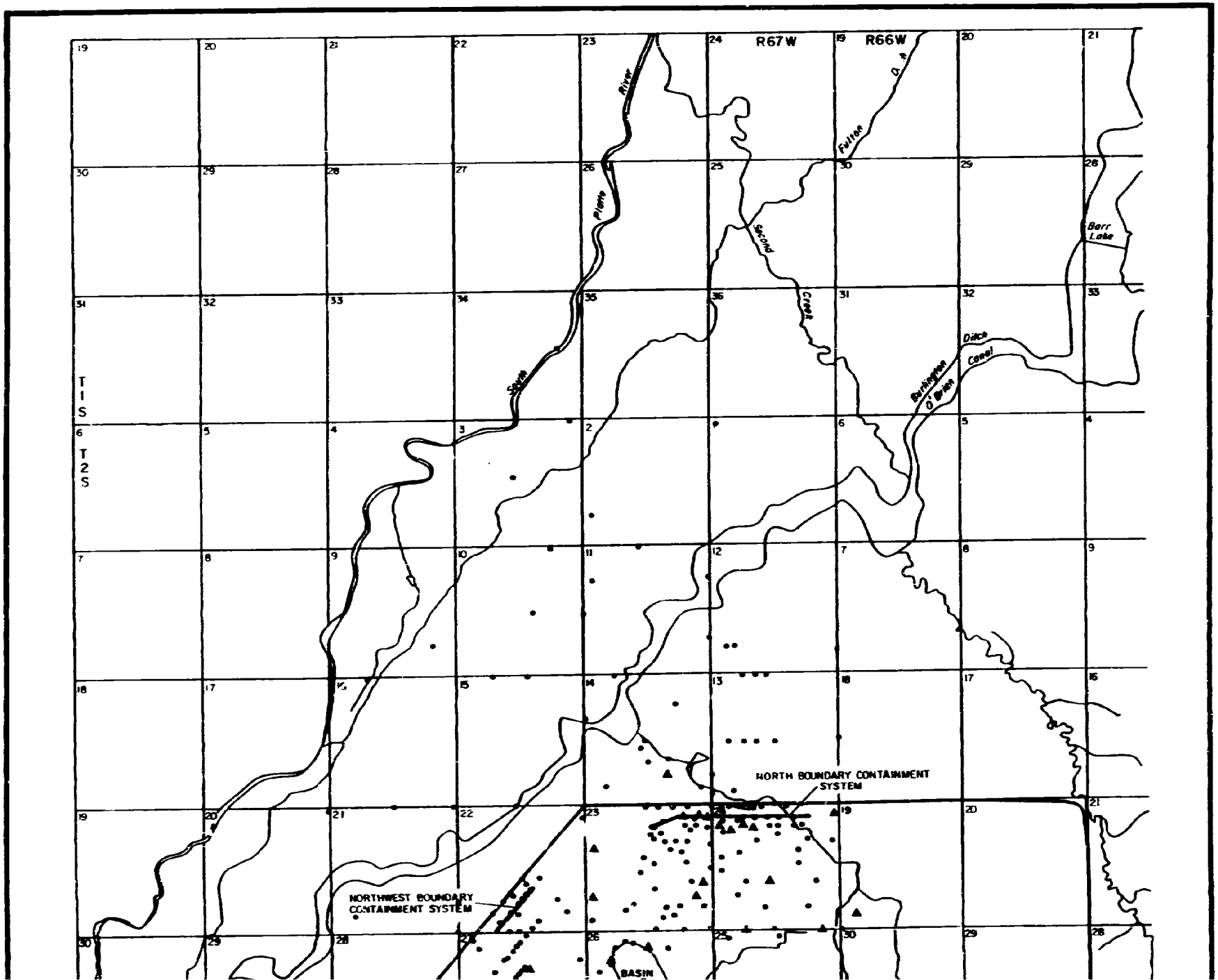
1,1,1-TRICHLOROETHENE PLUMES UNCONFINED GROUNDWATER FLOW SYSTEM 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

APPENDIX D.4: ALLUVIAL/UNCONFINED POINT PLOTS (D-10 TO D-26)


R67W
R66W
T1S
T2S
Platte River
Second Creek
Box Elder Creek
Burlington Ditch
Barr Lake
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN

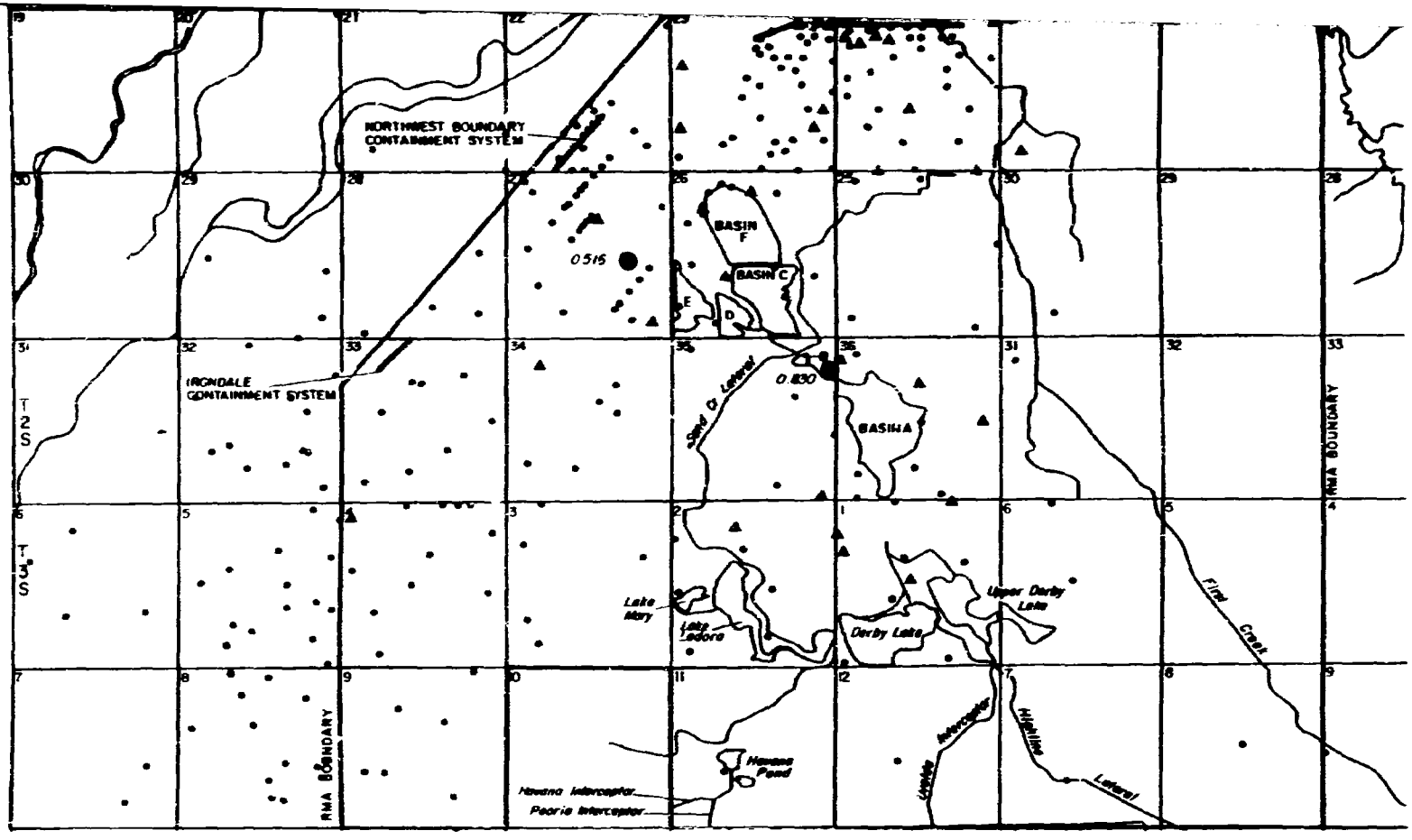


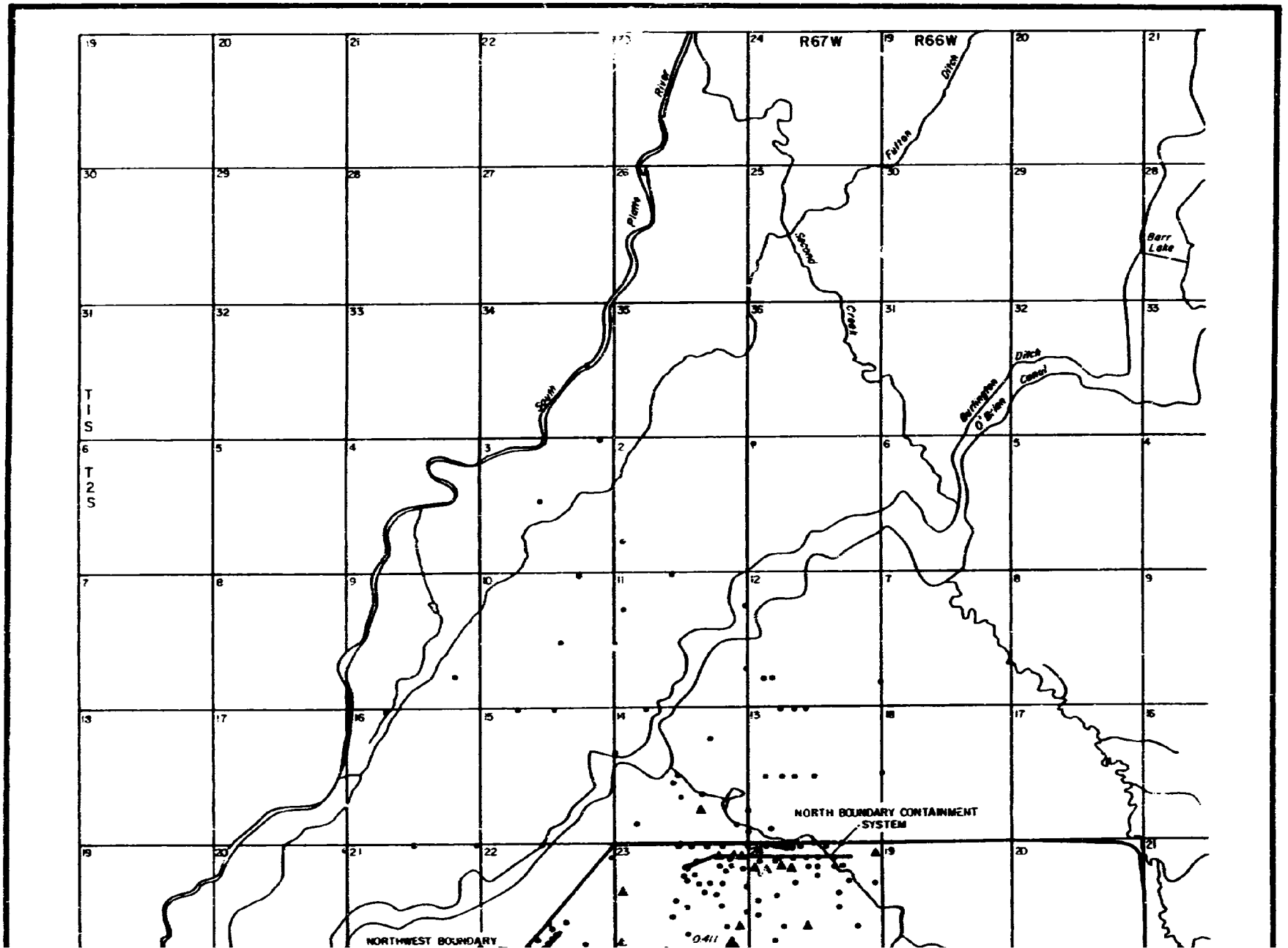
Figure D-10

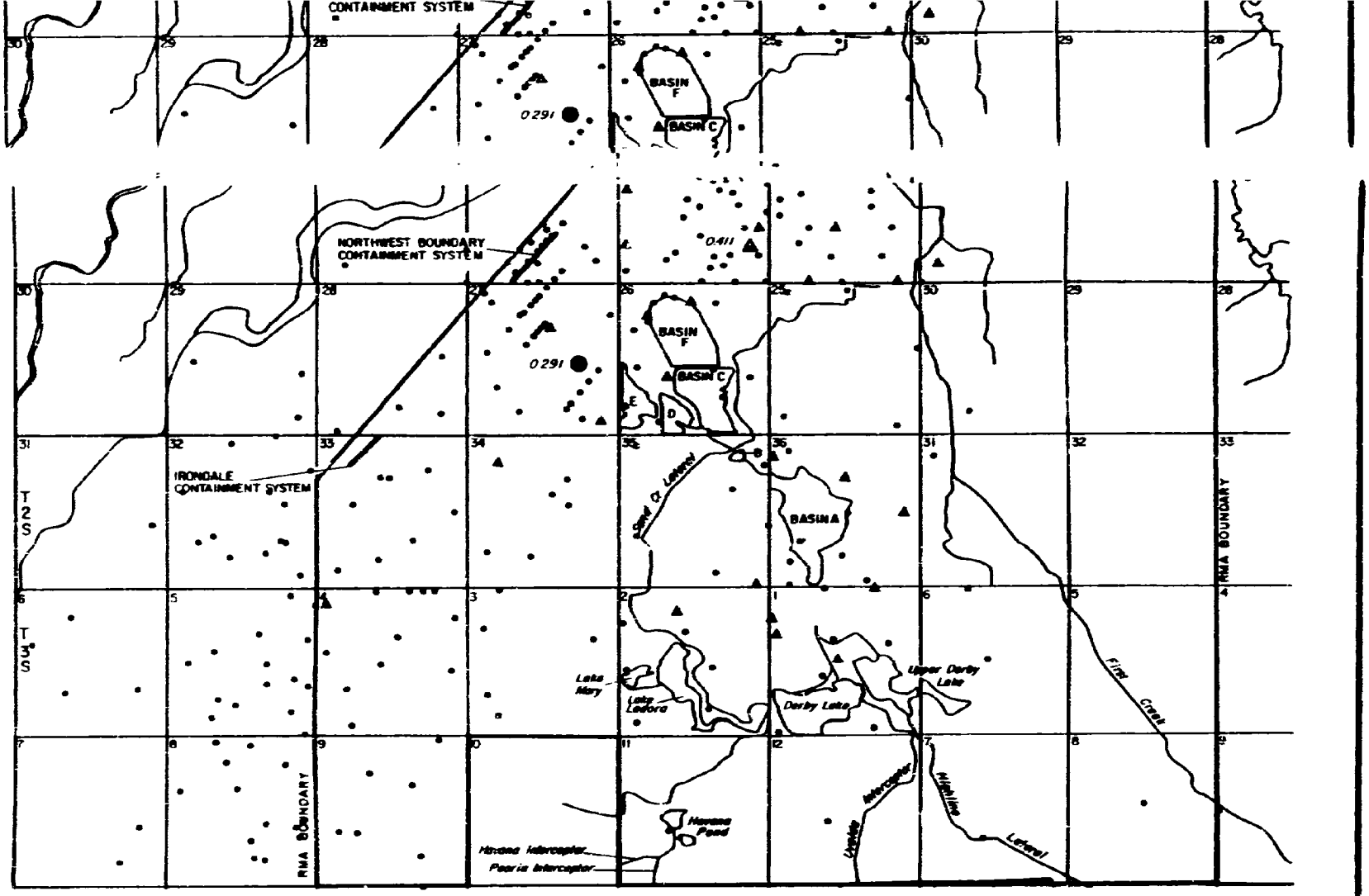
Prepared for:
U.S. Army Program Manager's Office

3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 0.291 Alluvial Detection, Units in ug/l
- 0.411 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

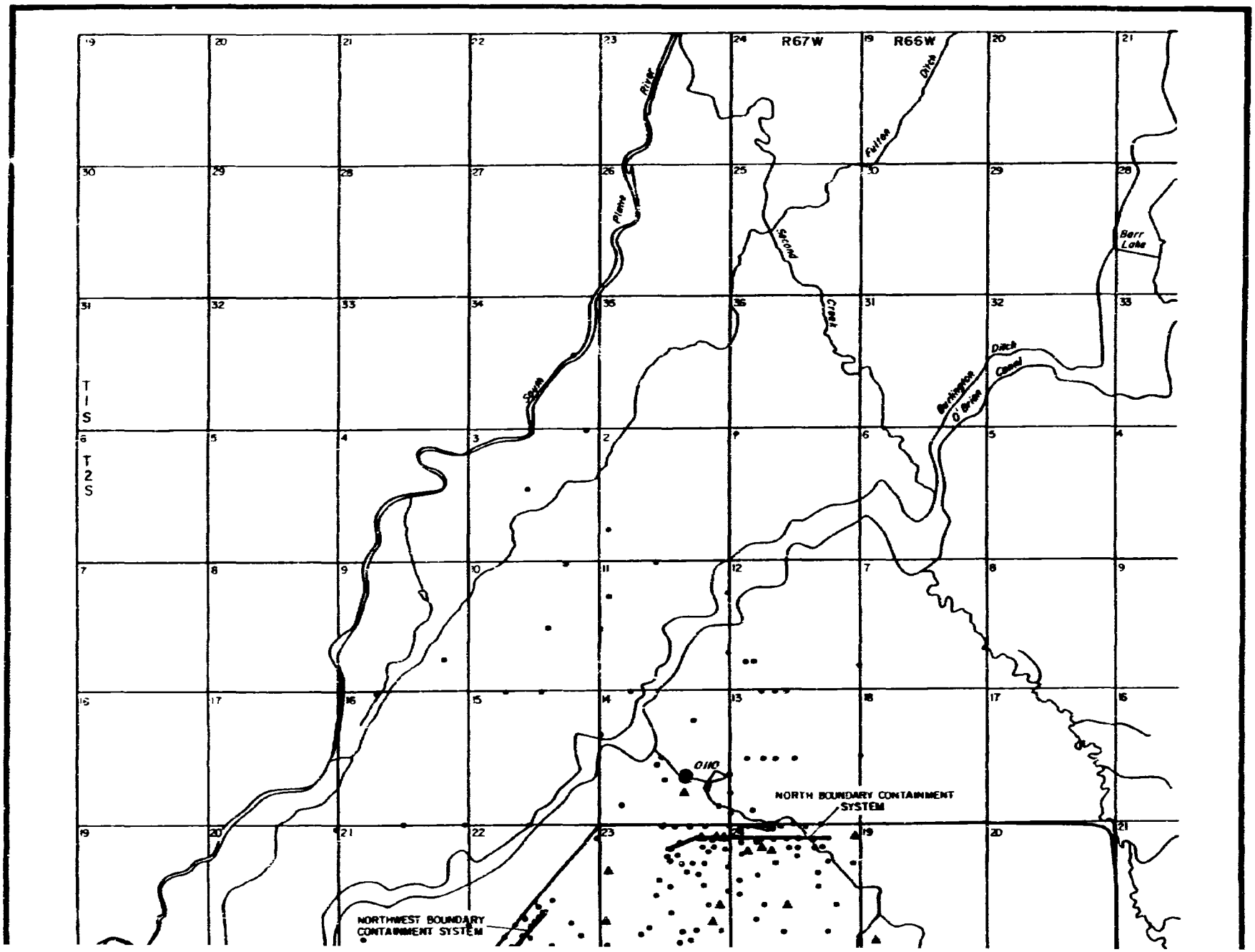
Figure D-11

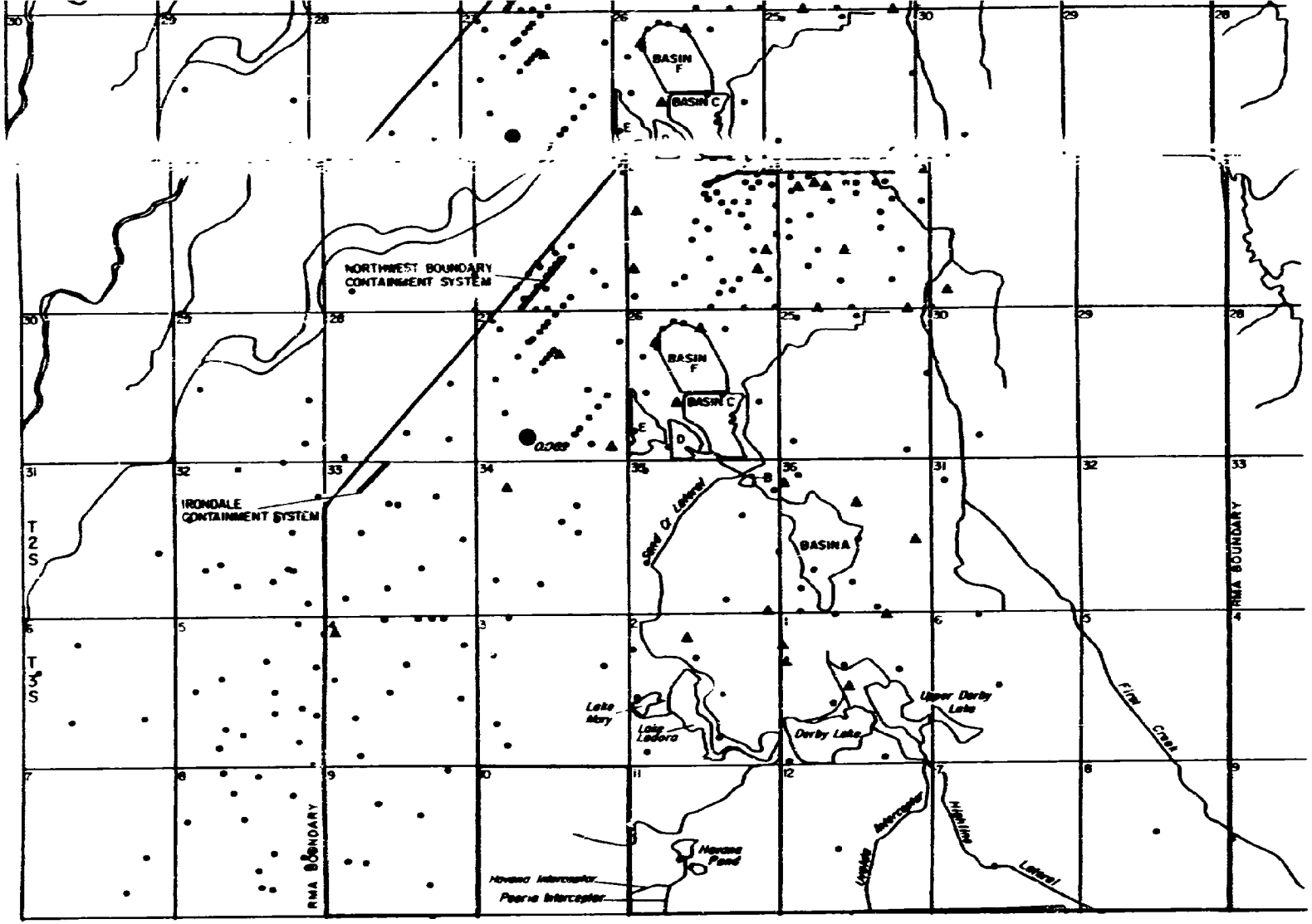
ISODRIN DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM

Prepared for:
U.S. Army Program Manager's Office

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- ● Alluvial Well
- ▲ Unconfined Denver Formation Well
- ● 0.069 Alluvial Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

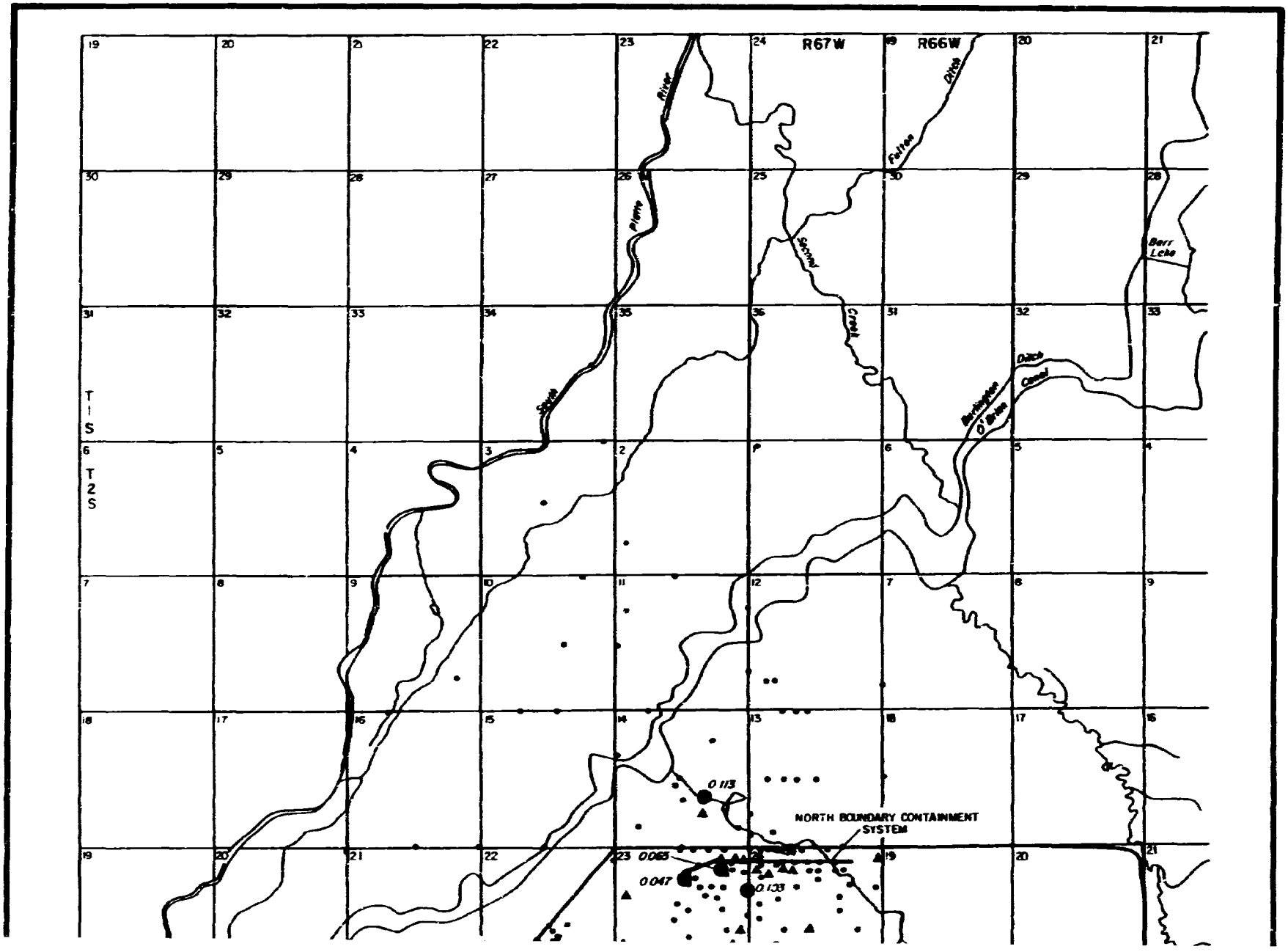
Figure D-12

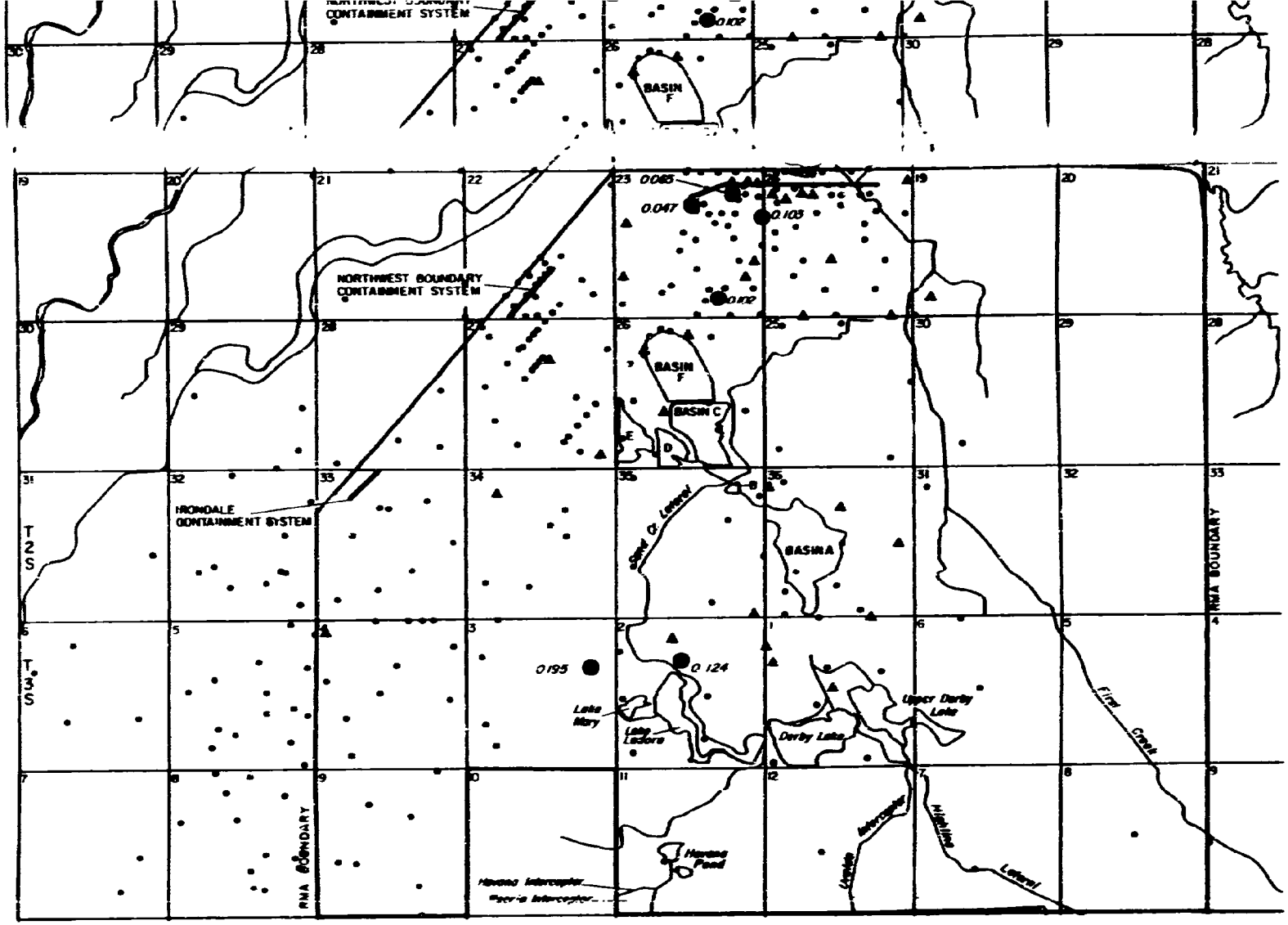
PP-DDT DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM

Prepared for:
U.S. Army Program Manager's Office

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- ● Alluvial Well
- ▲ Unconfined Denver Formation Well
- 0.195 ● Alluvial Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

Figure D-13

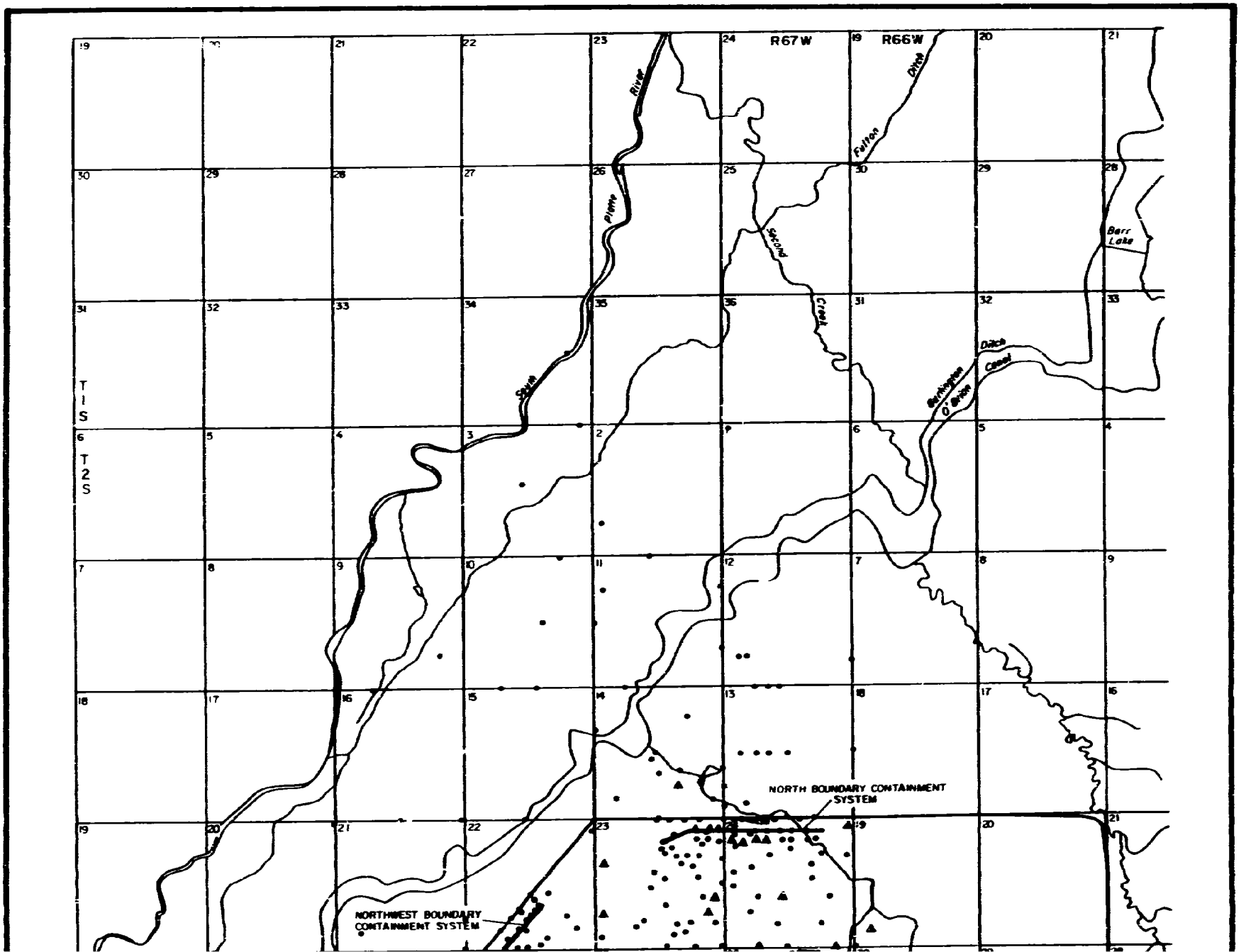
Prepared for:

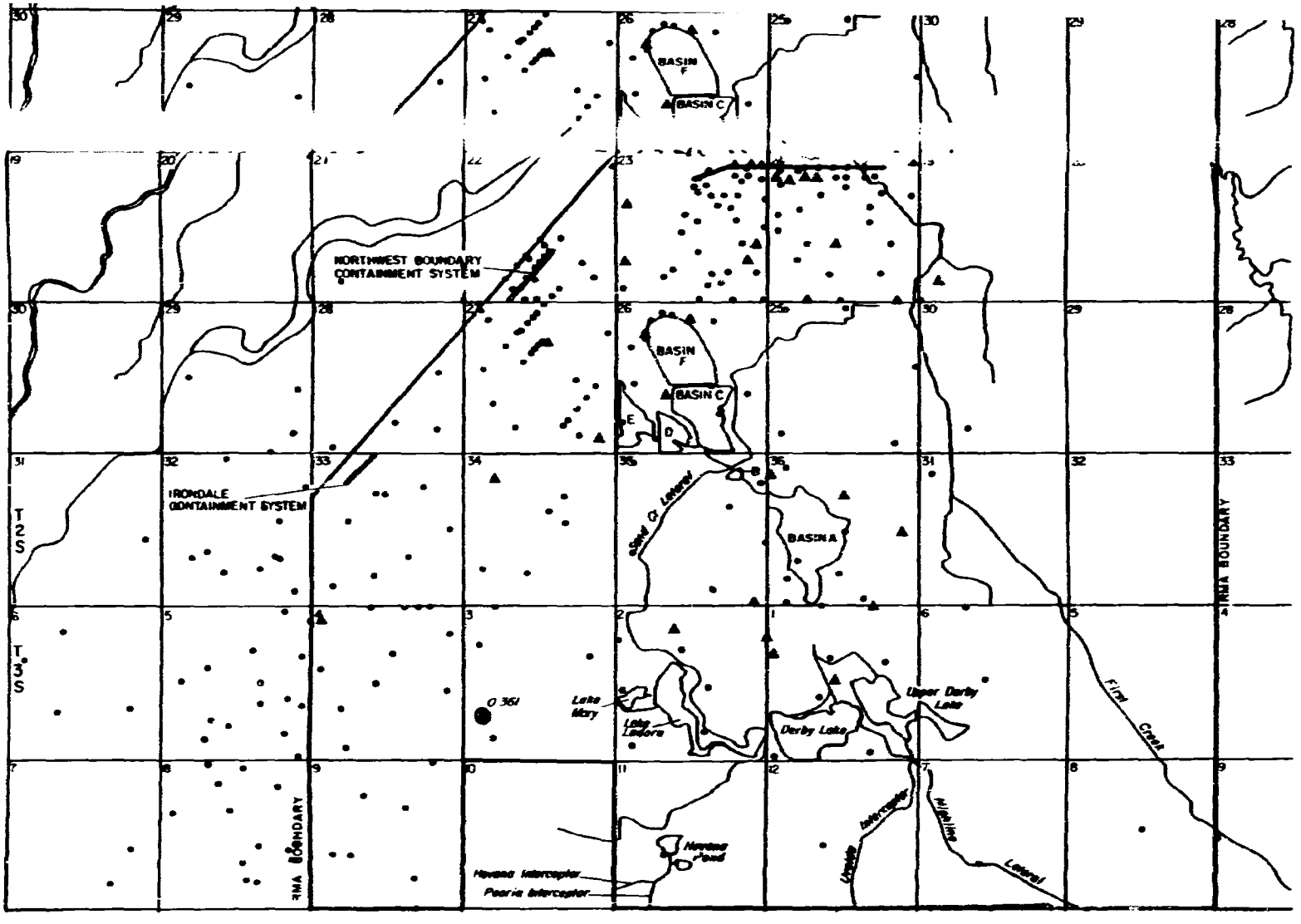
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





EXPLANATION

- ● Alluvial Well
- ▲ Unconfined Denver Formation Well
- ● 0 361 Alluvial Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

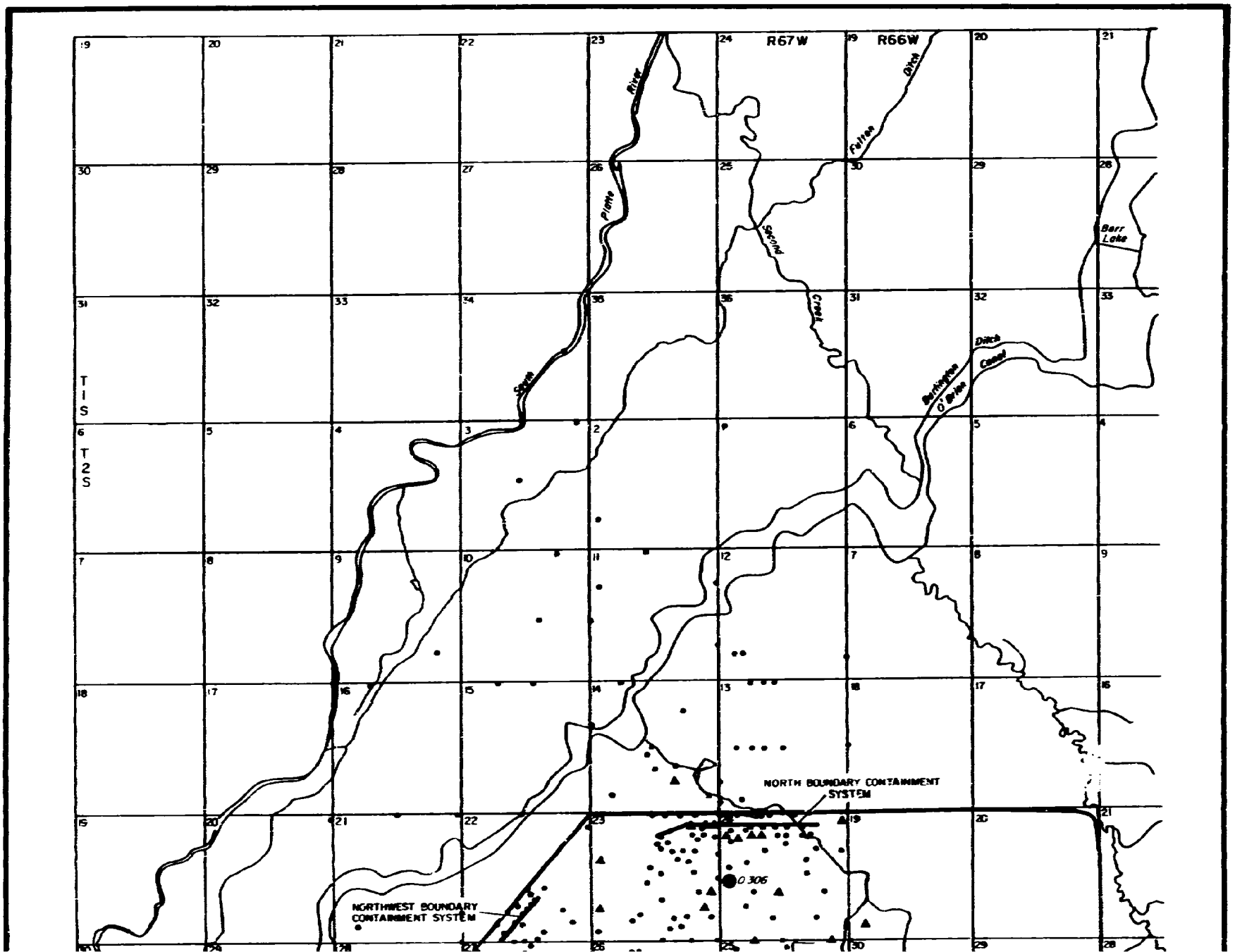
Figure D-14

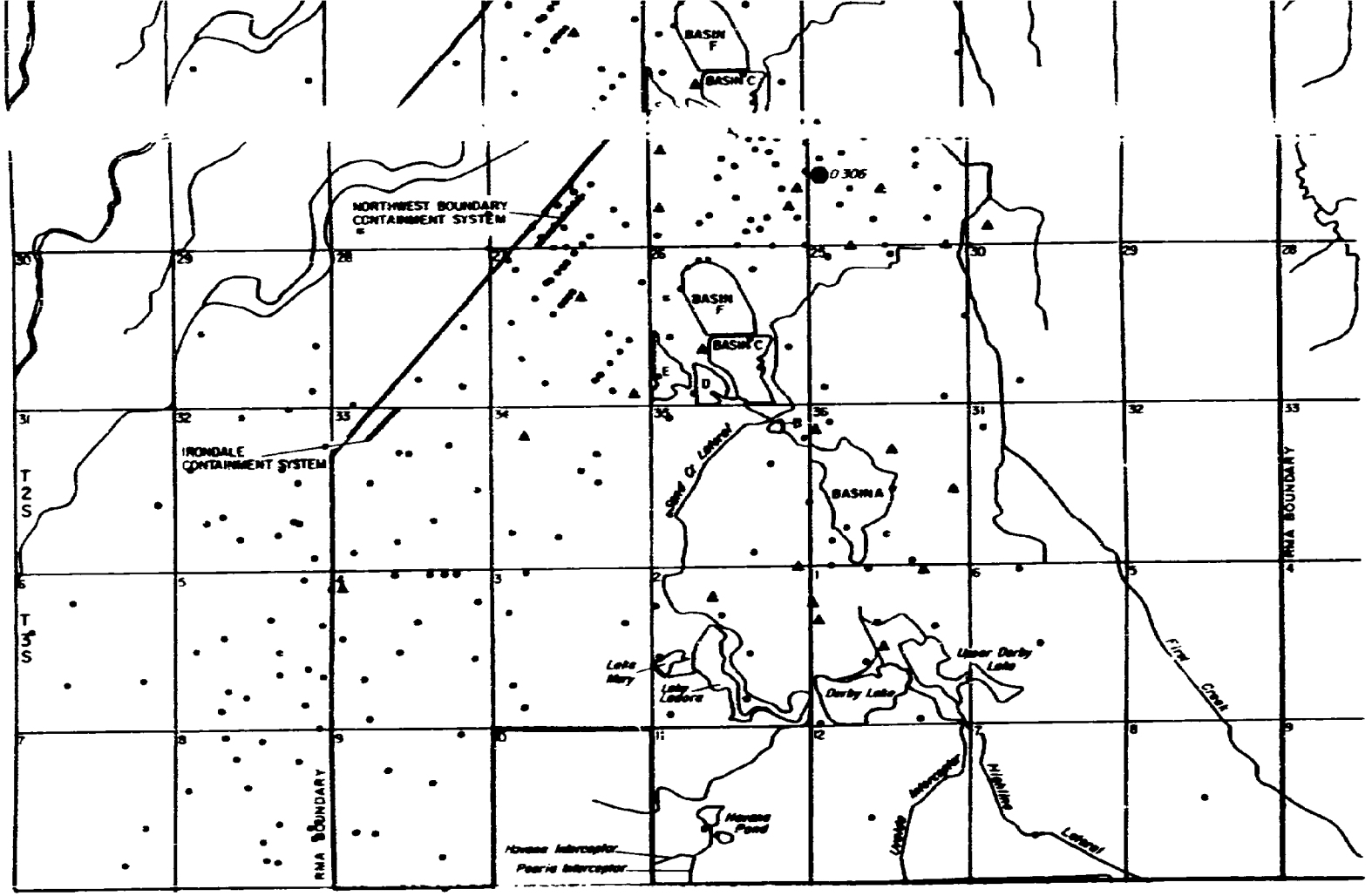
HEXACHLOROCYCLOPENTADIENE DETECTIONS UNCONFINED

Prepared for:
U.S. Army Program Manager's Office

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- ● Alluvial Well
- ▲ Unconfined Denver Formation Well
- D 306 Alluvial Detection, Units in ug/l

N

0 2500 5000

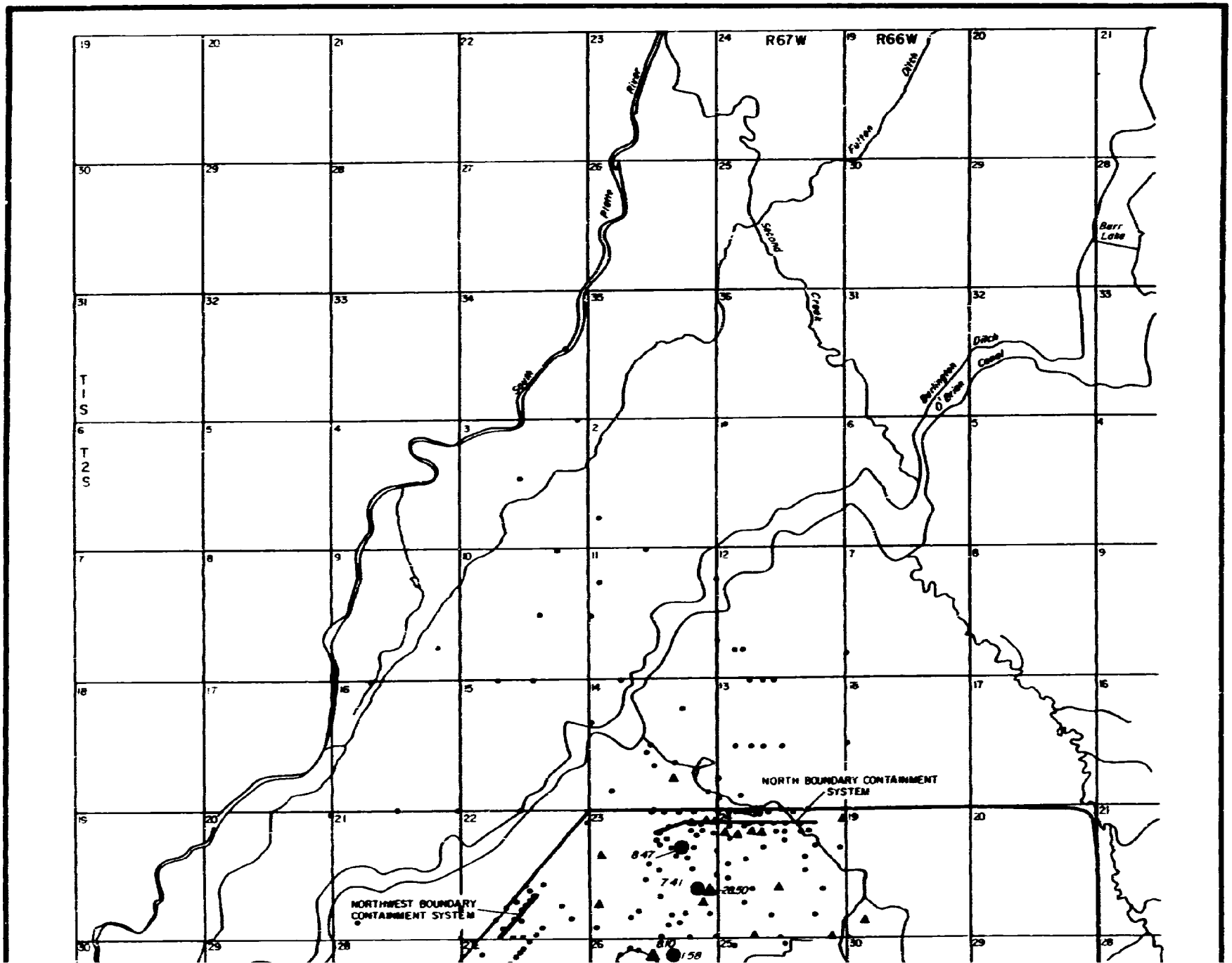
Scale in Feet

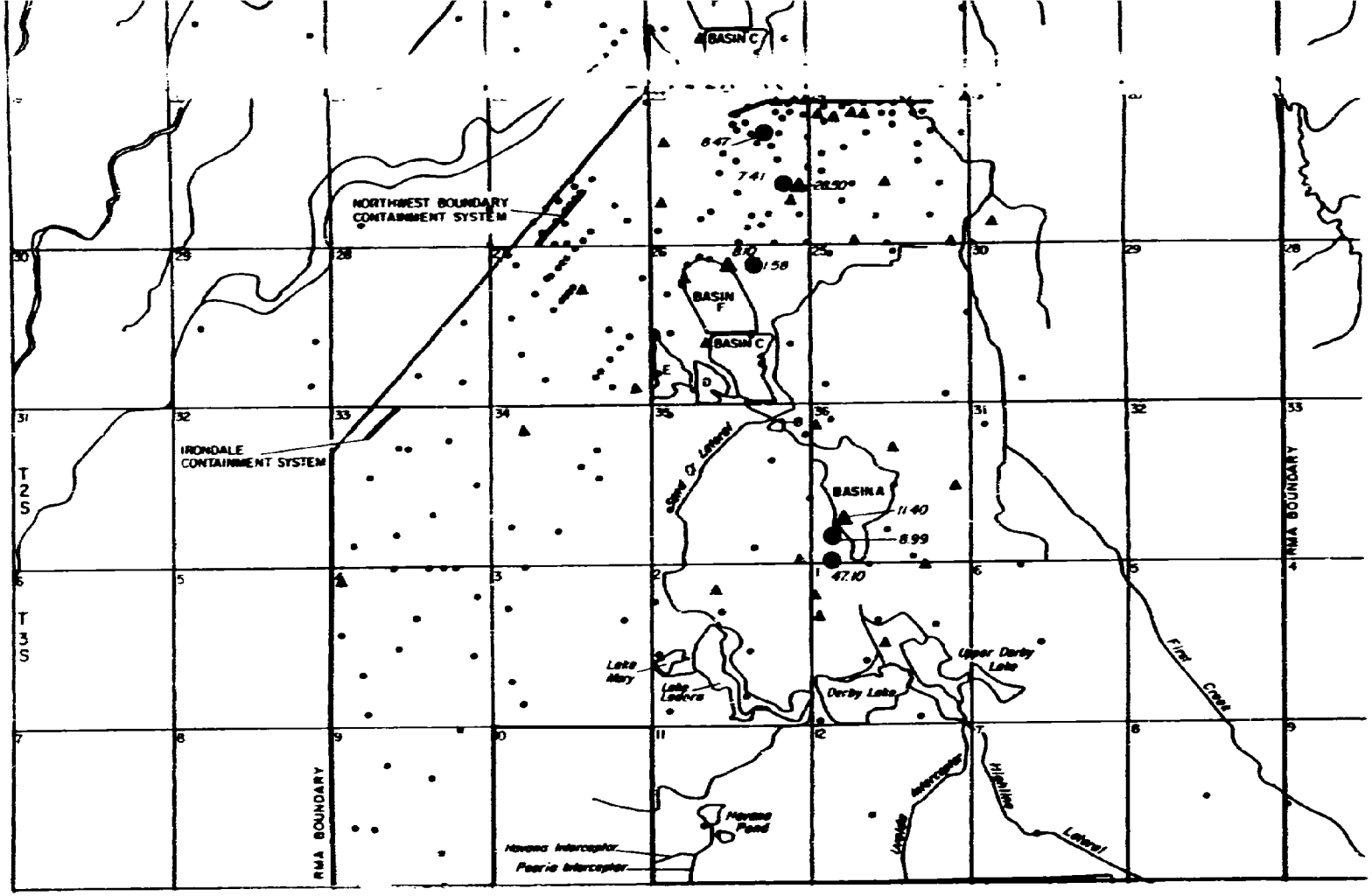
Figure D-15

CHLORODANE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM, 3RD QUARTER, FY 1987

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
South Platte River
Second Creek
Fulton Ditch
Burlington Ditch
O'Brian Canal
Barr Lake
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
847
741
2850
870
158



EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 8.99 Alluvial Detection, Units in ug/l
- 11.40 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

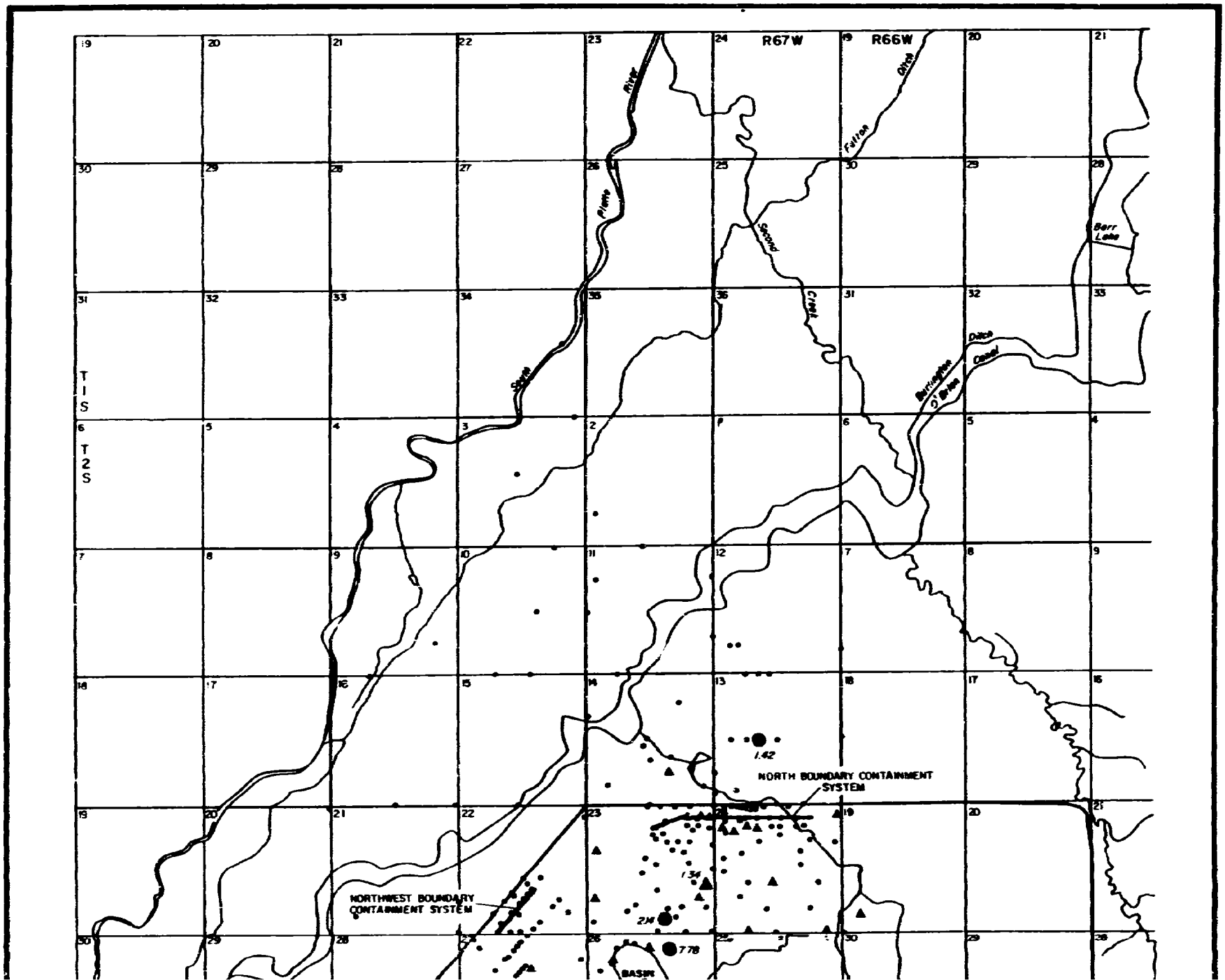
Scale in Feet

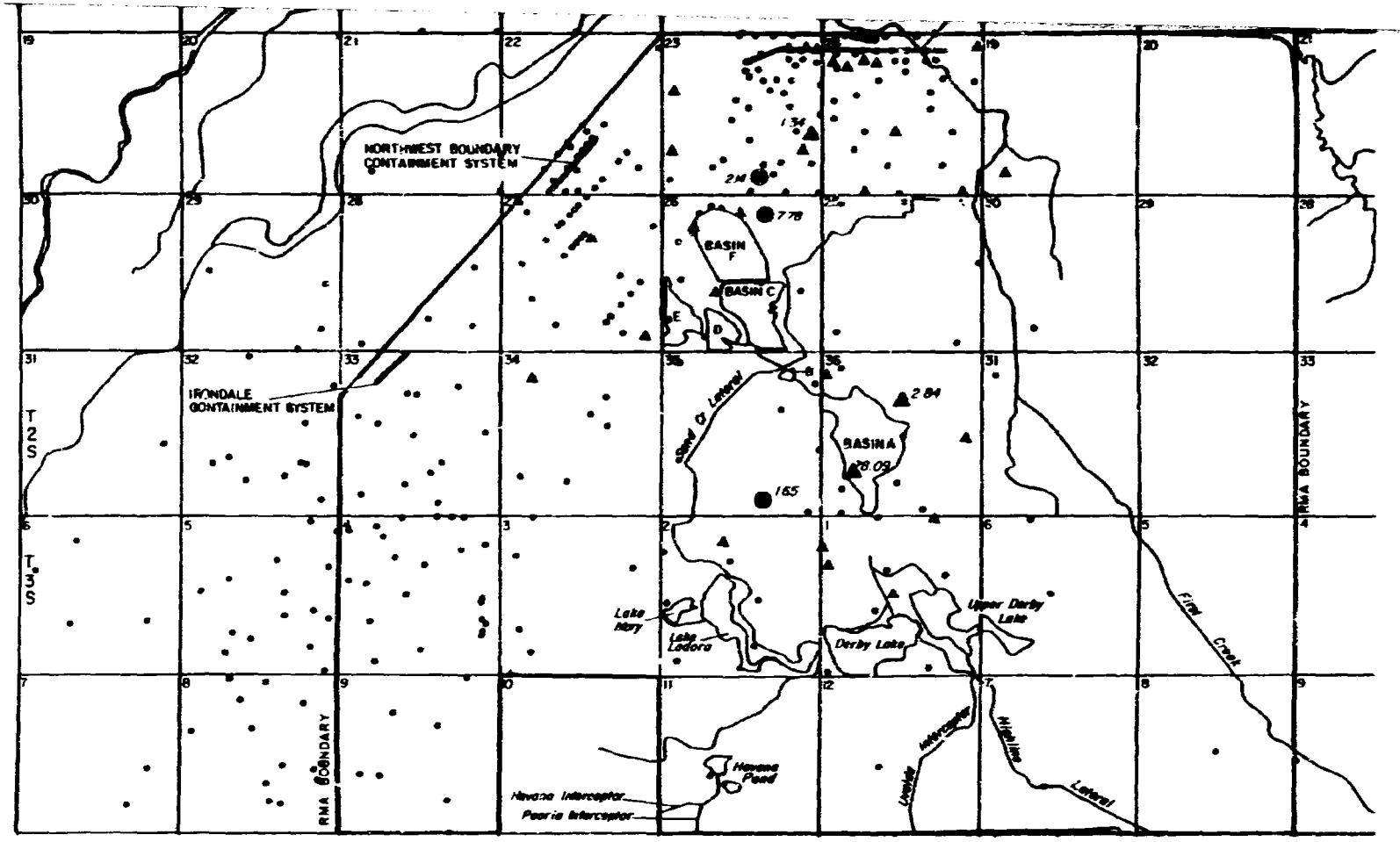
Figure D-16

DMDS DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM
3RD QUARTER, FY 1987

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Plum River
Second Creek
Falton Ditch
Barr Lake
Burlington Ditch
Derby Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
1.42
1.34
2M
778
BASIN



EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 1.65 Alluvial Detection, Units in ug/l
- 28.09 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

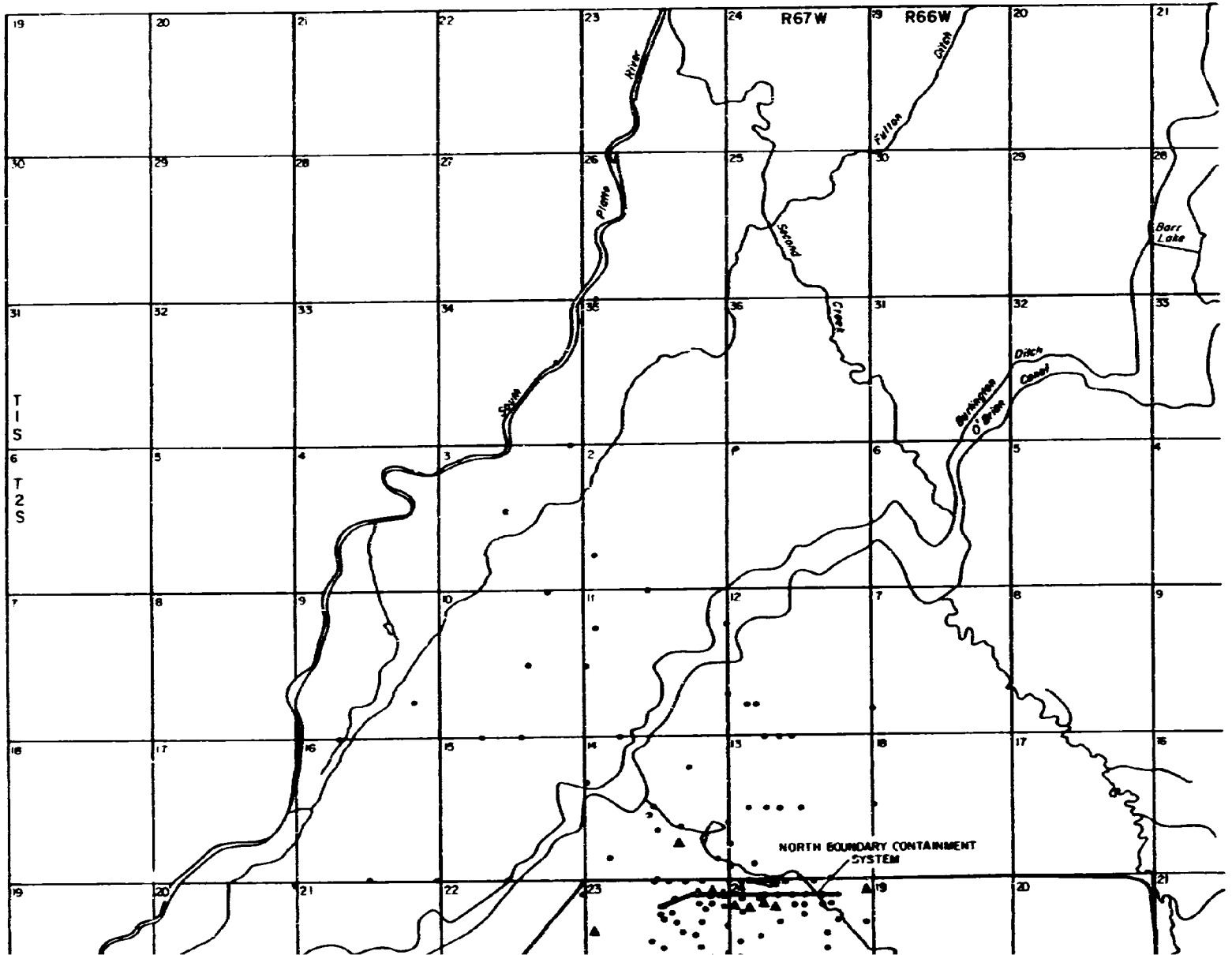
Scale in Feet

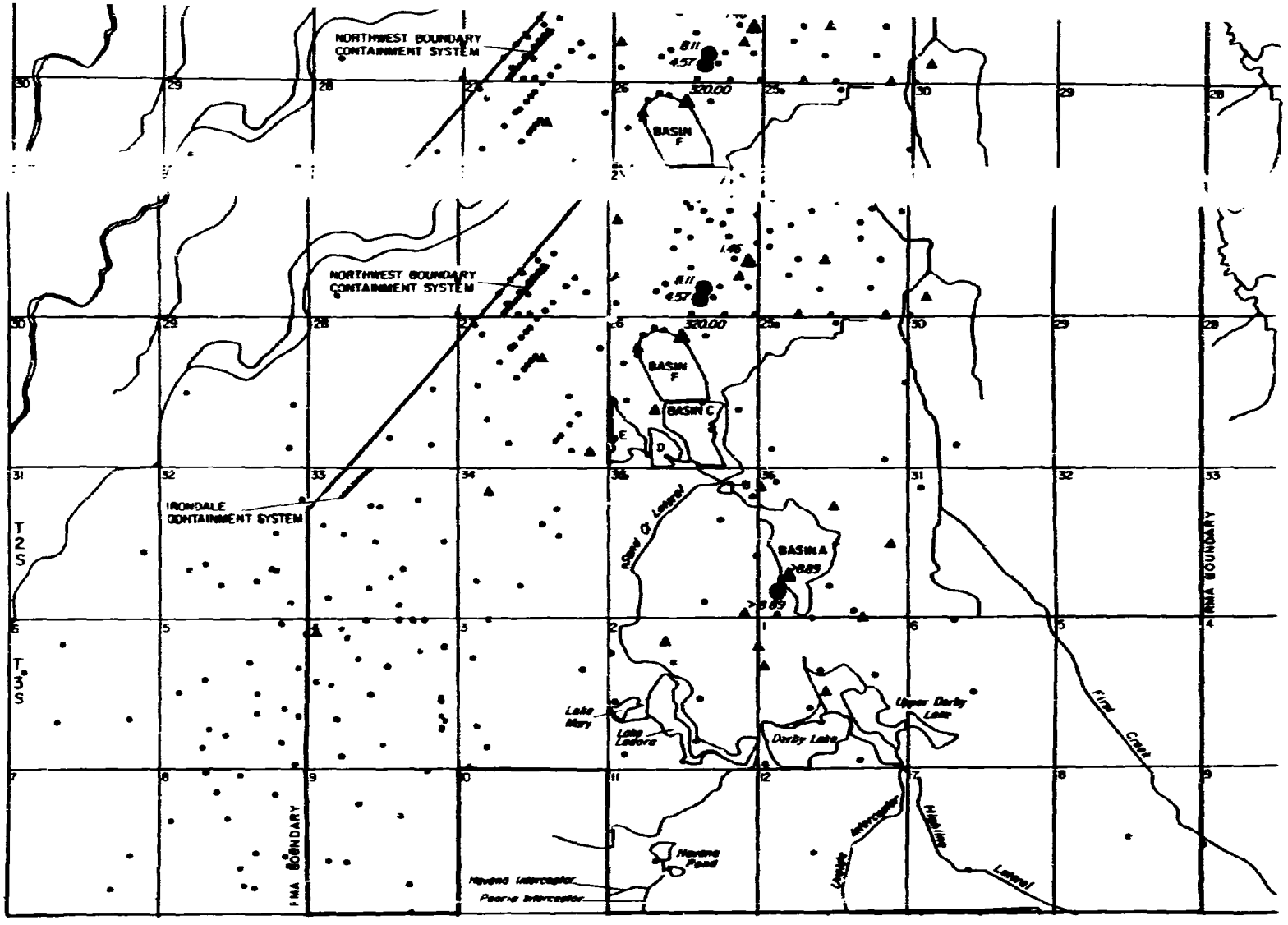
ETHYLBENZENE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- >6.89 Alluvial Detection, Units in ug/l
- >6.89 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

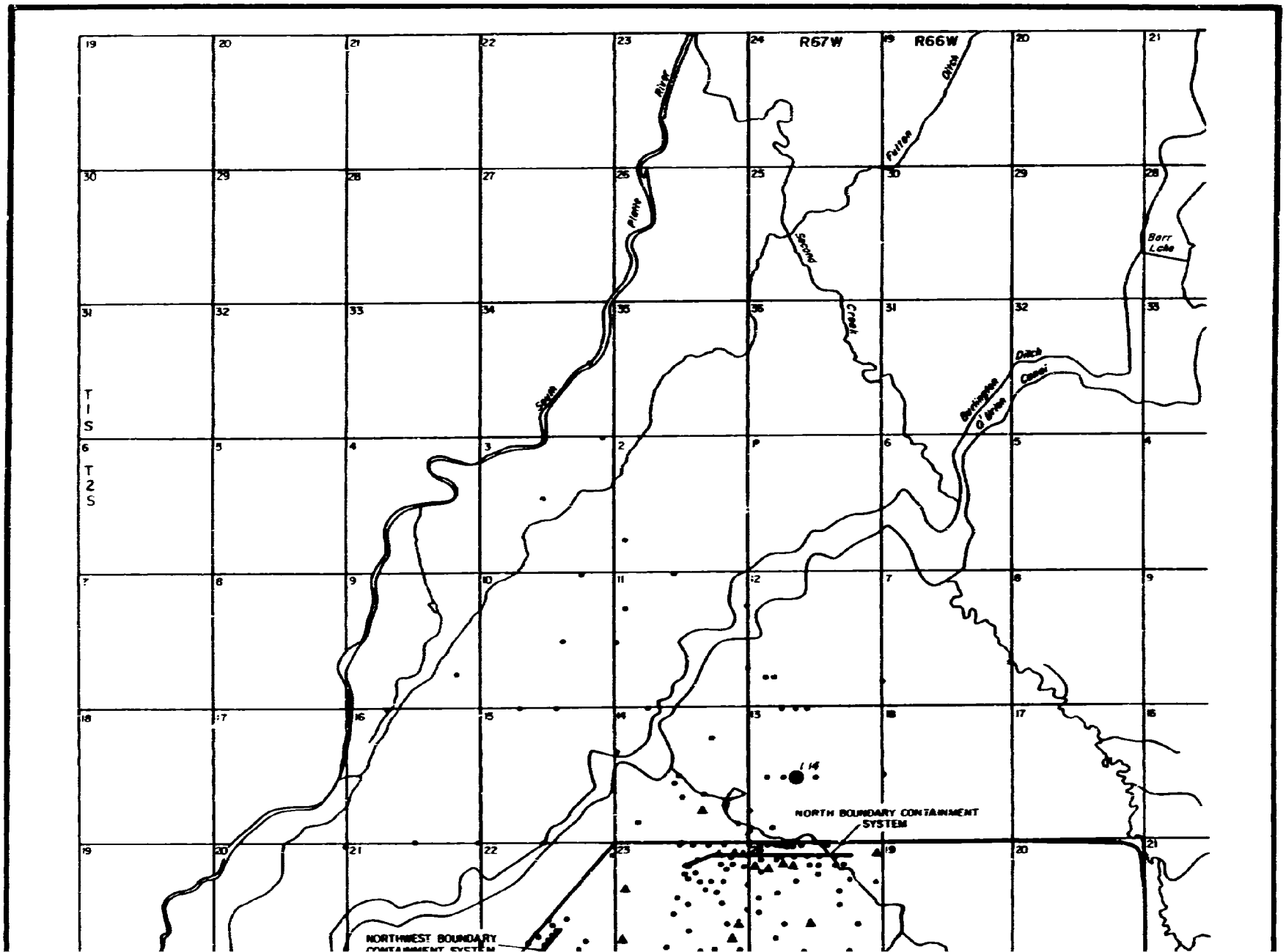
Figure D-18

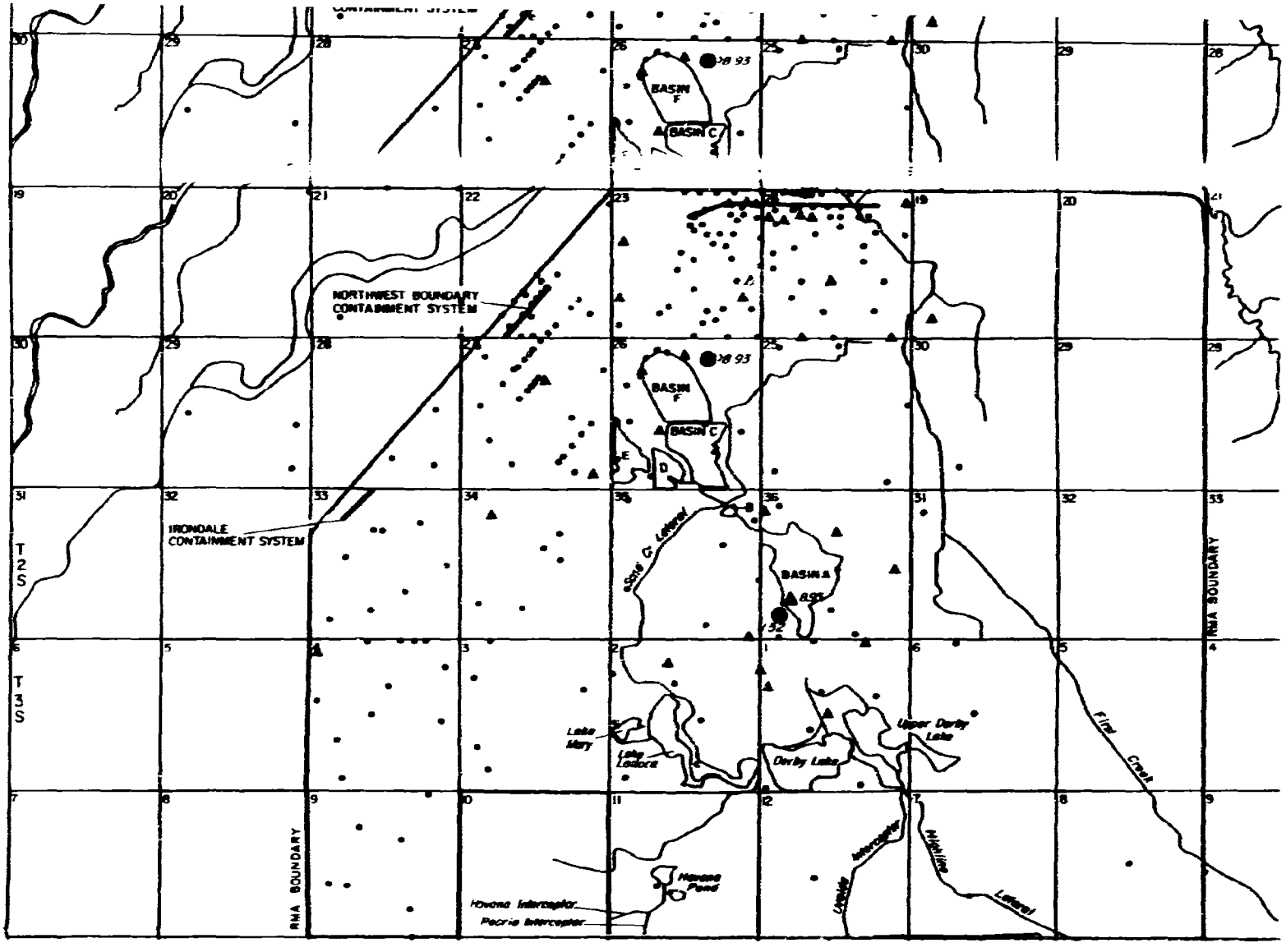
Prepared for:
U.S. Army Program Manager's Office

3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 52 Alluvial Detection, Units in ug/l
- >8 93 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

Figure D-19

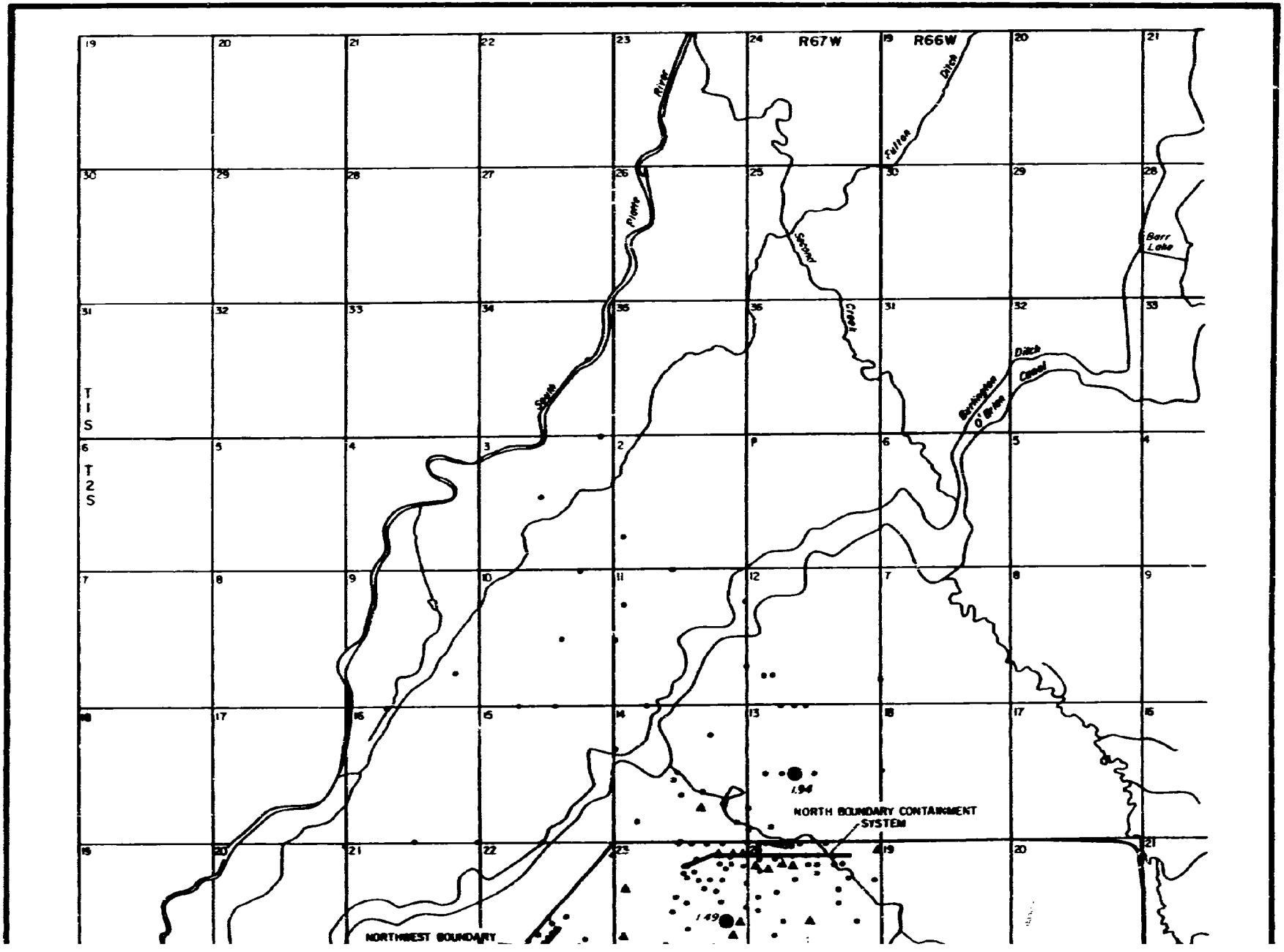
Prepared for:

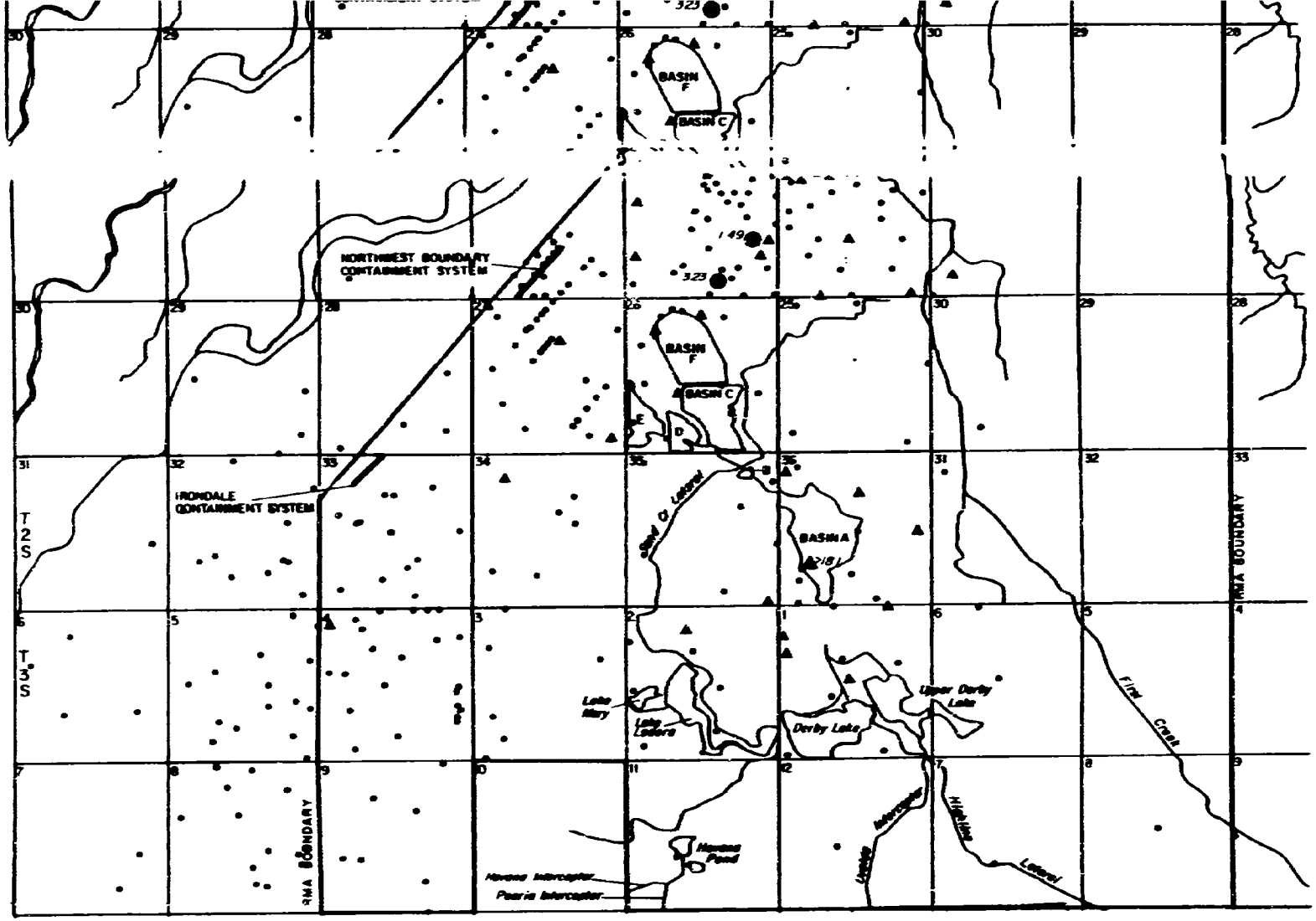
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 323 Alluvial Detection, Units in ug/l
- 218 I Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

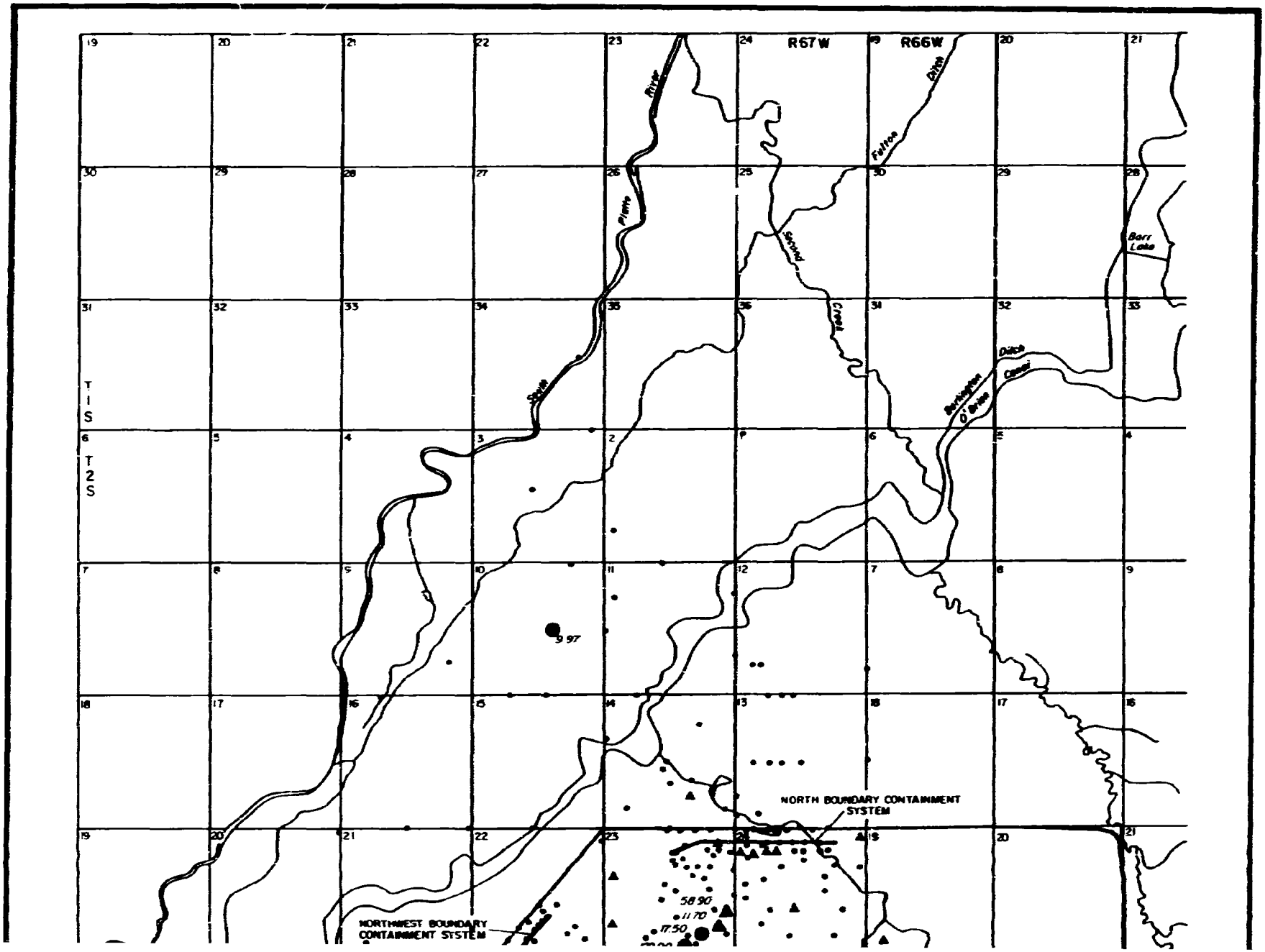
Figure D-20

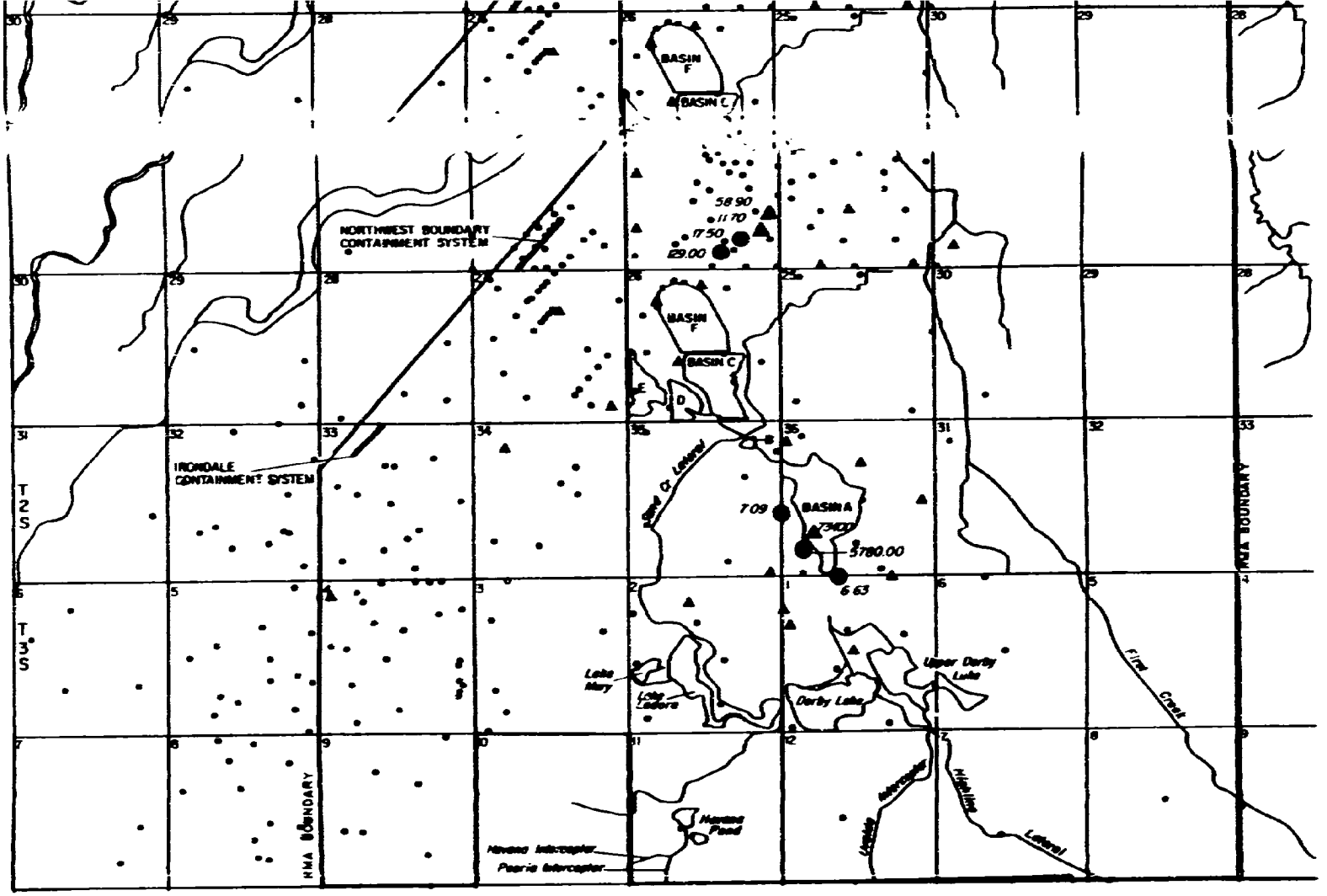
O,P-XYLENE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM

Prepared for:
U.S. Army Program Manager's Office

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 7.09 Alluvial Detection, Units in ug/l
- 7340.00 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

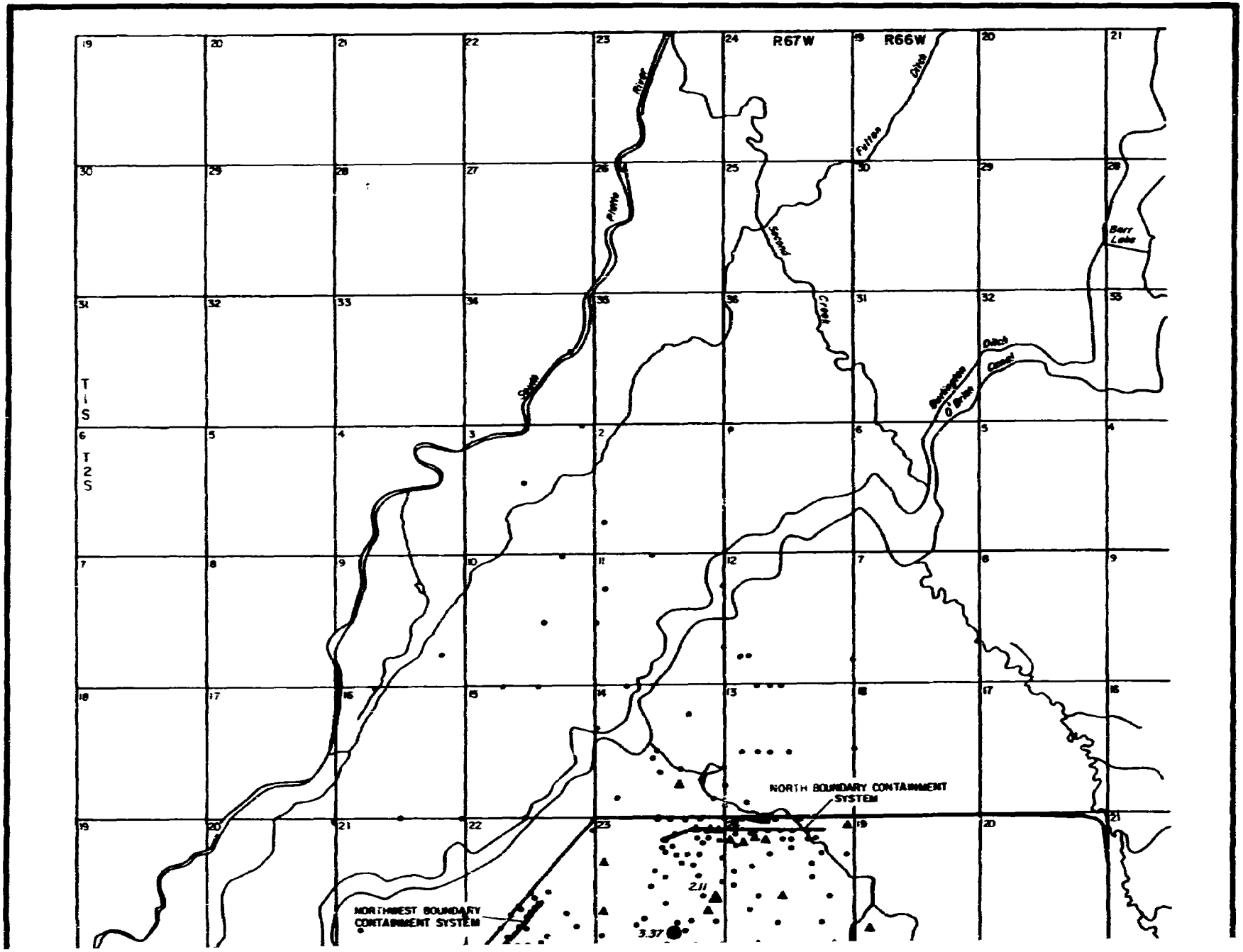
Figure D-21

METHYLENE CHLORIDE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM, 3RD QUARTER, FY 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland



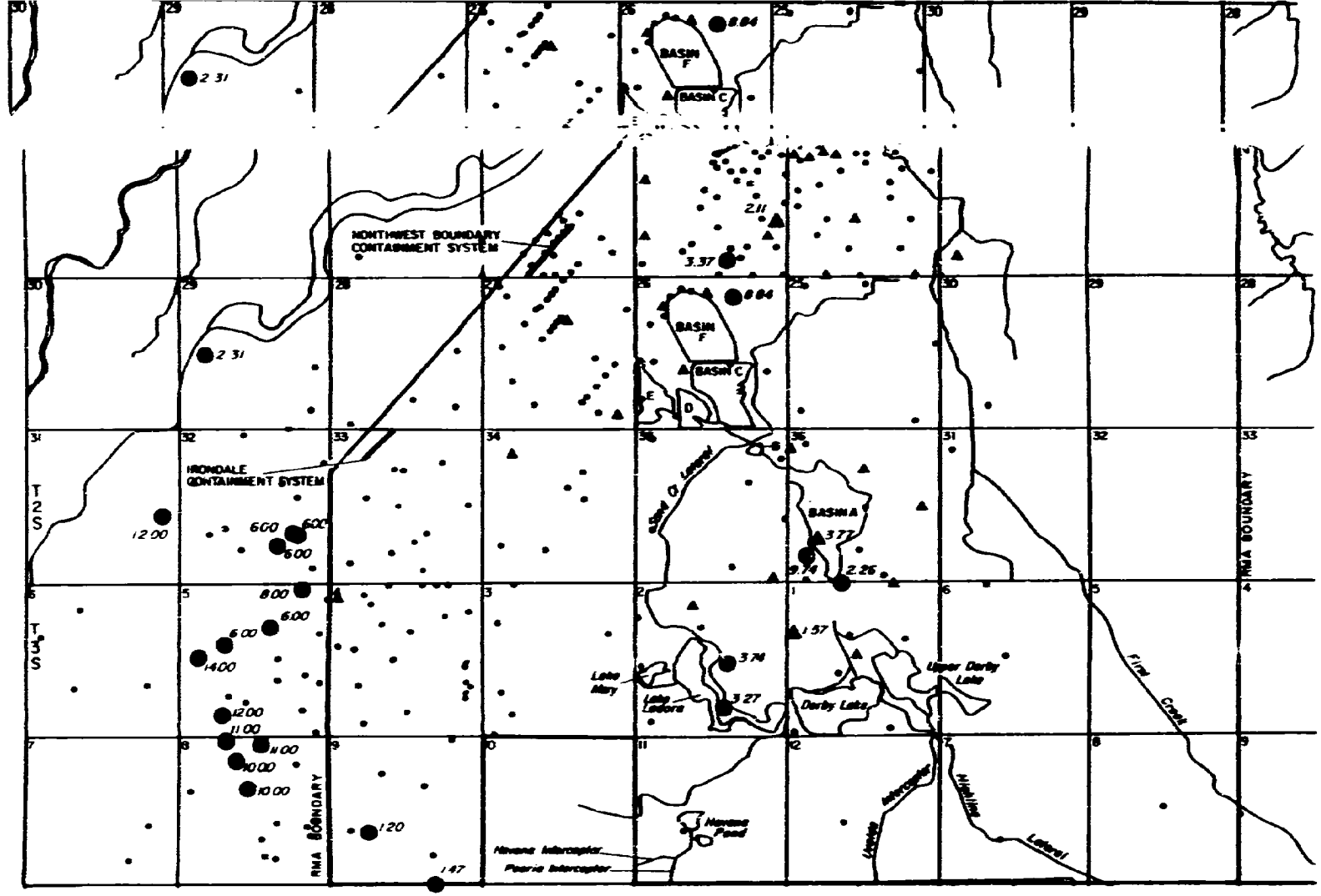


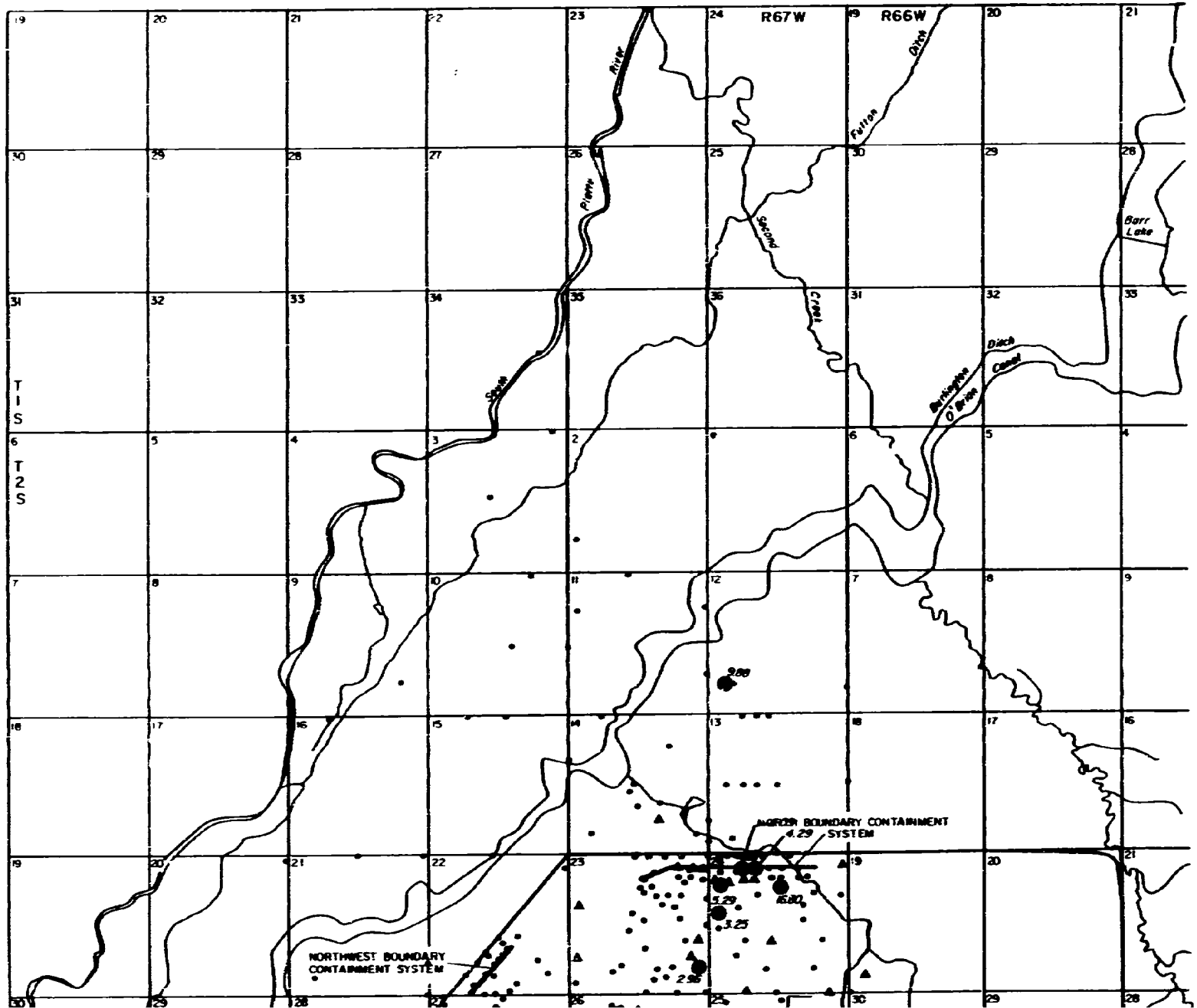
Figure D-22

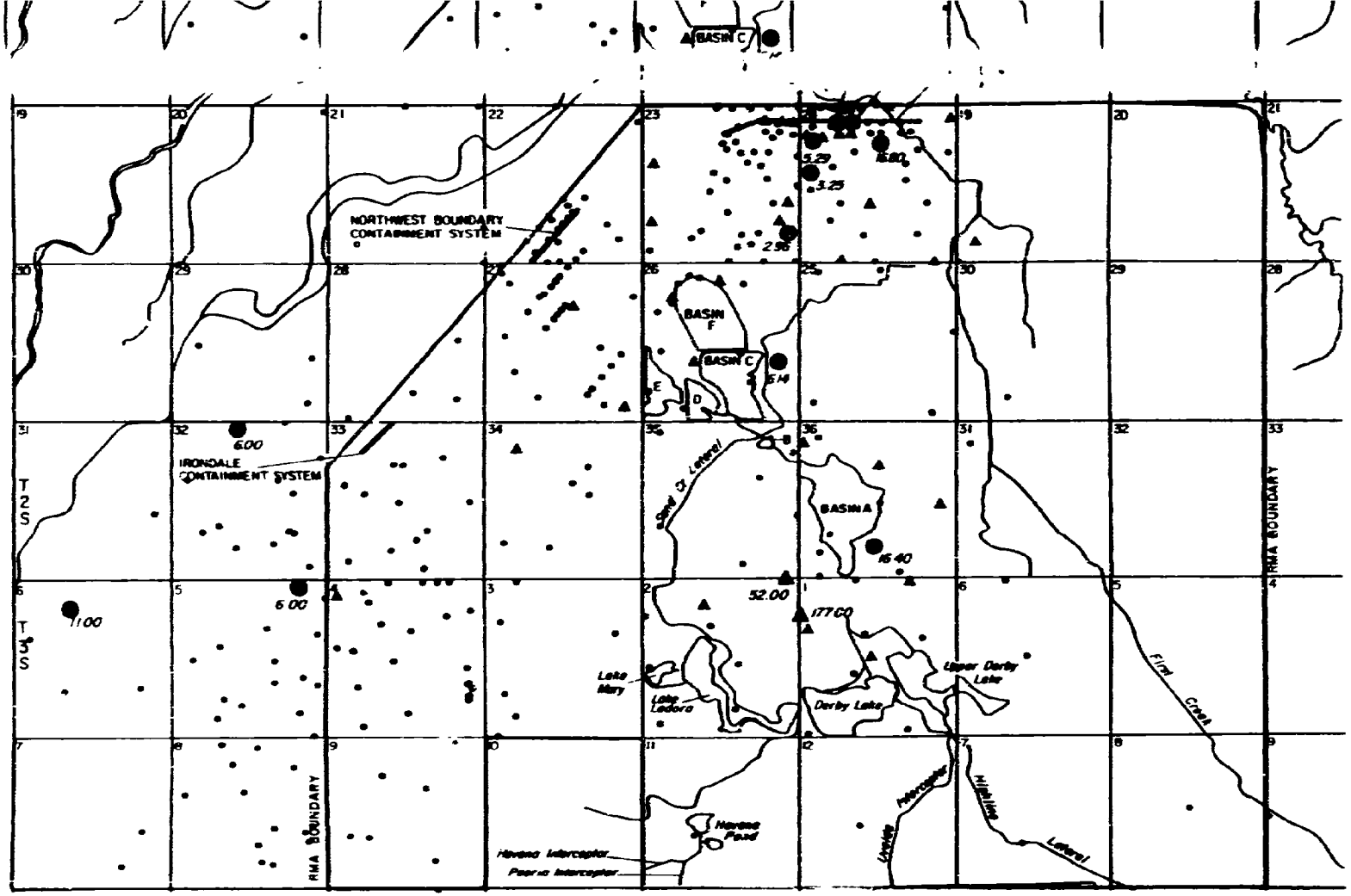
11 DICHLOROETHANE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM, 3RD QUARTER, FY 1987

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 1640 Alluvial Detection, Units in ug/l
- 17700 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

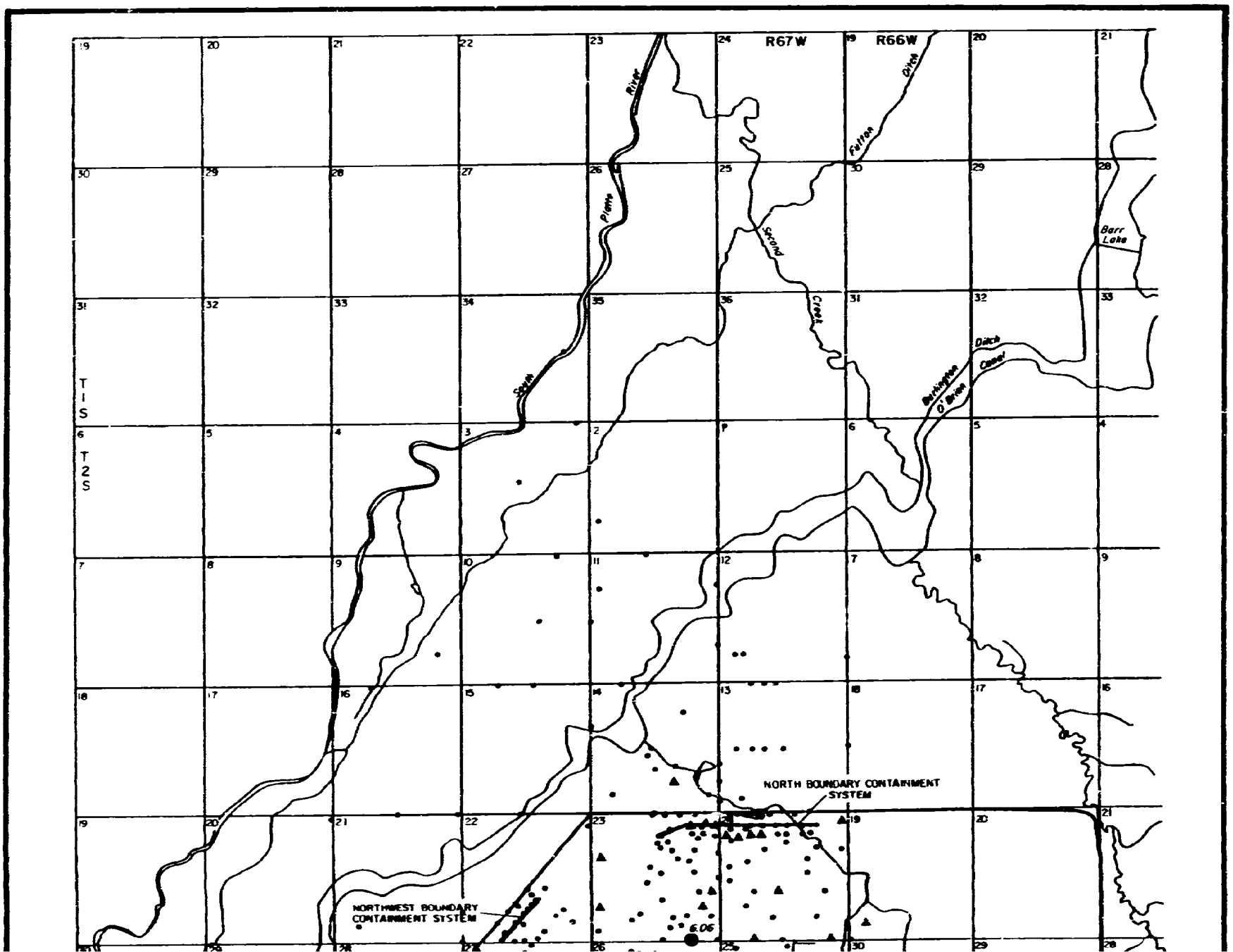
Figure D-23

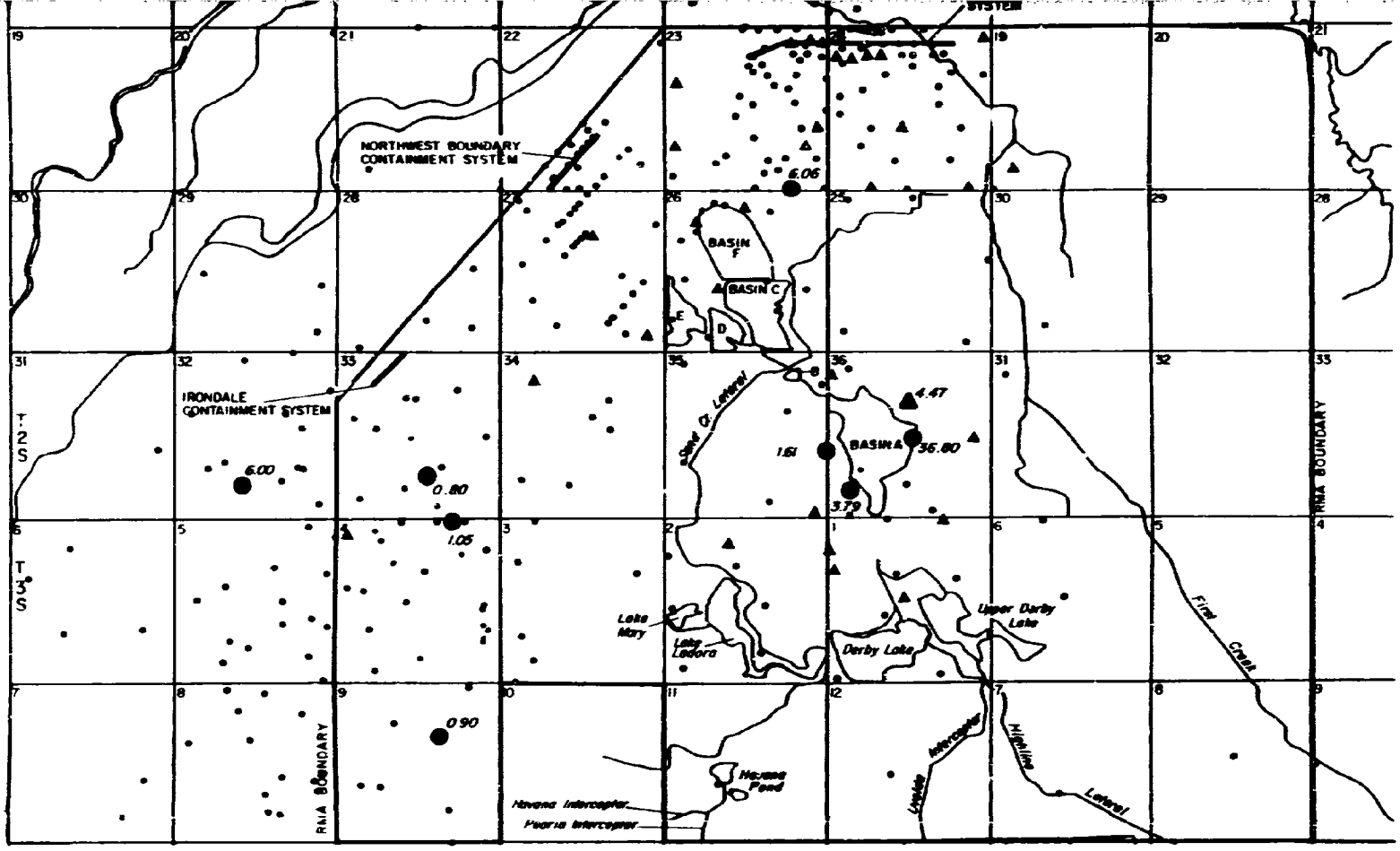
CARBON TETRACHLORIDE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM, 3RD QUARTER, FY 1987

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

SOURCE: Hunter/ESE, 1988

Aberdeen Proving Ground, Maryland





EXPLANATION

- ● Alluvial Well
- ▲ Unconfined Denver Formation Well
- ● 0.90 Alluvial Detection, Units in ug/l
- ▲ 4.47 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

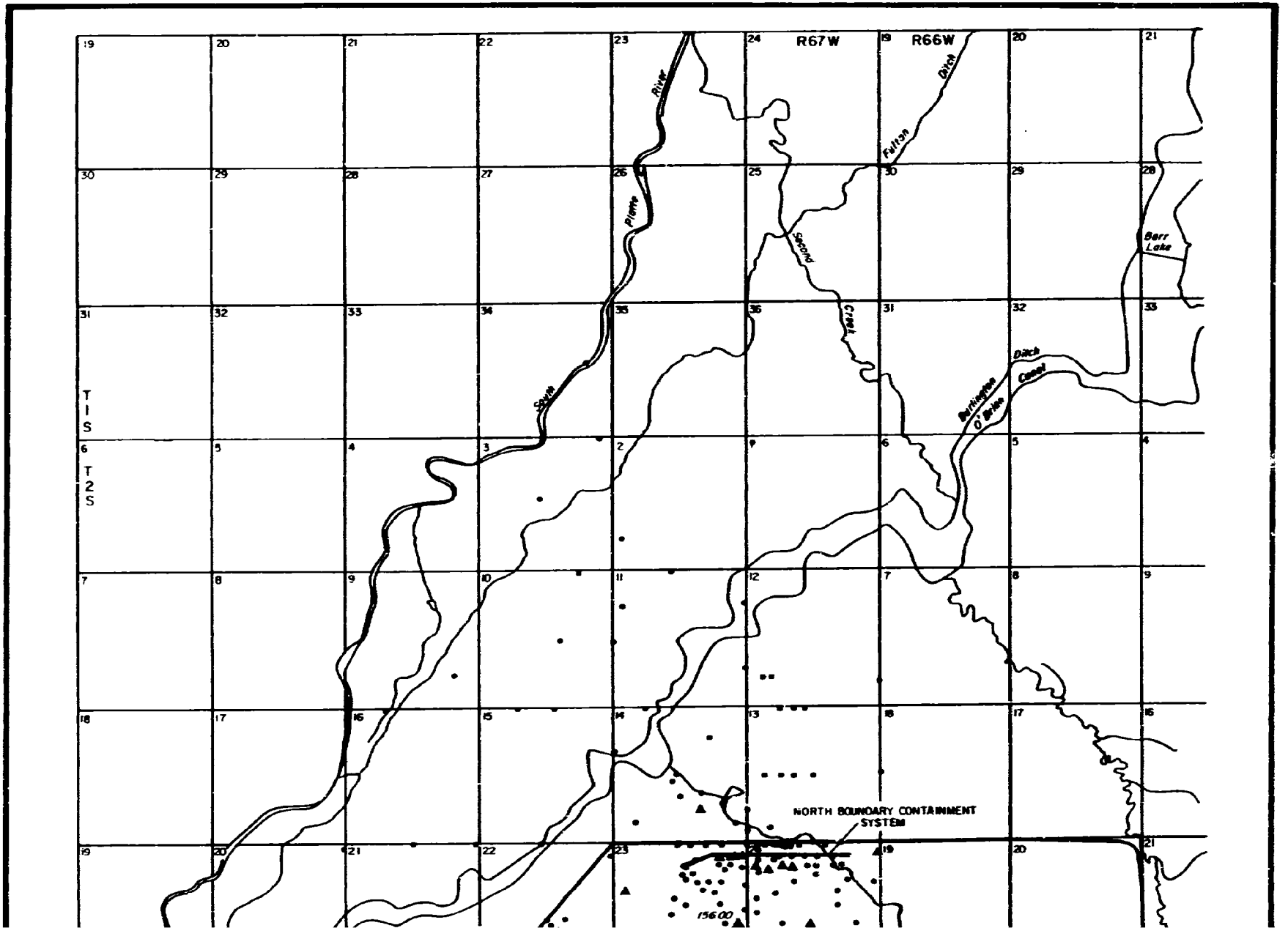
Scale in Feet

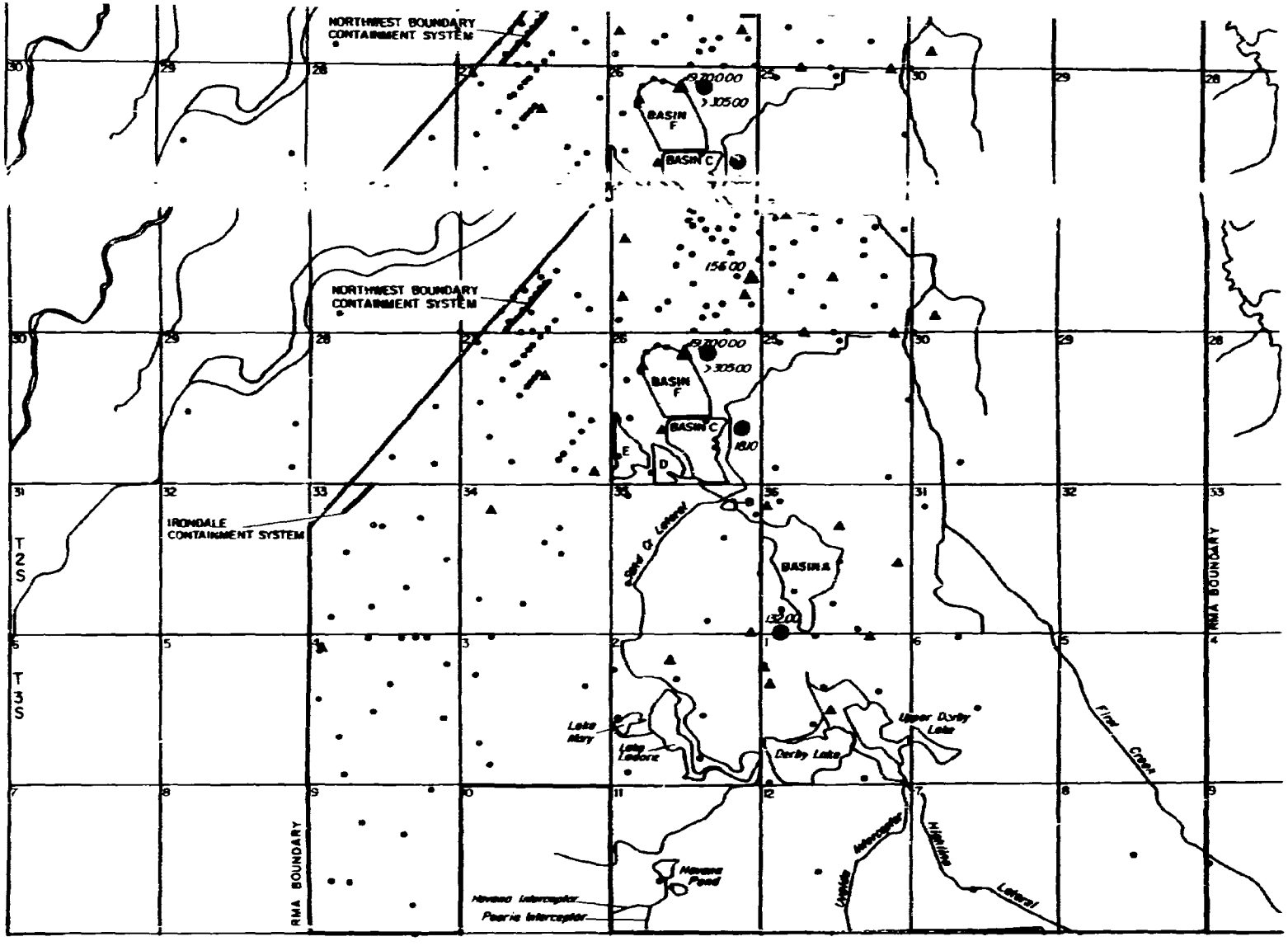
112 TRICHLOROETHANE DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 132.00 Alluvial Detection, Units in ug/l
- 156.00 Unconfined Denver Formation Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

Figure D-25

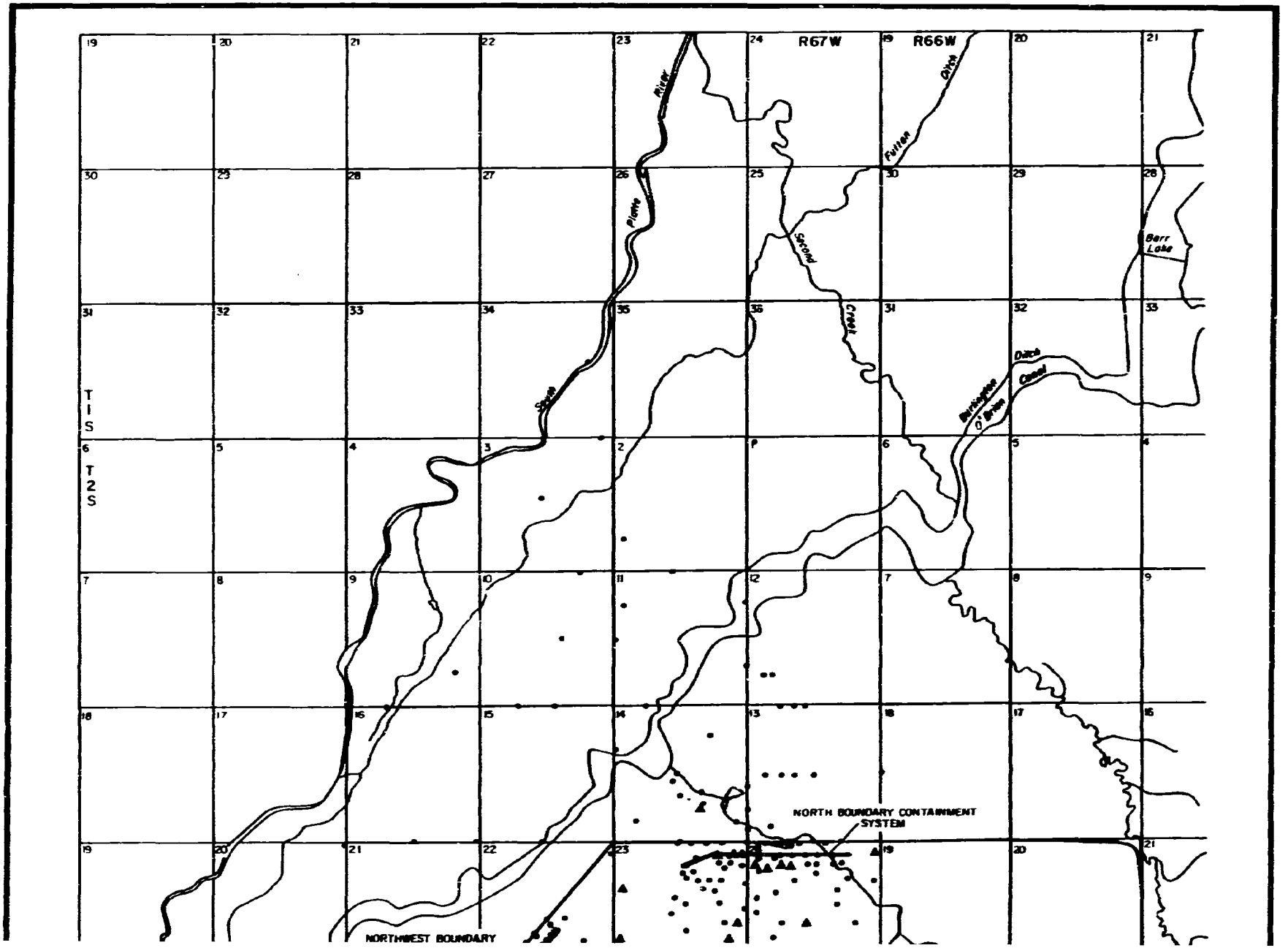
Prepared for:

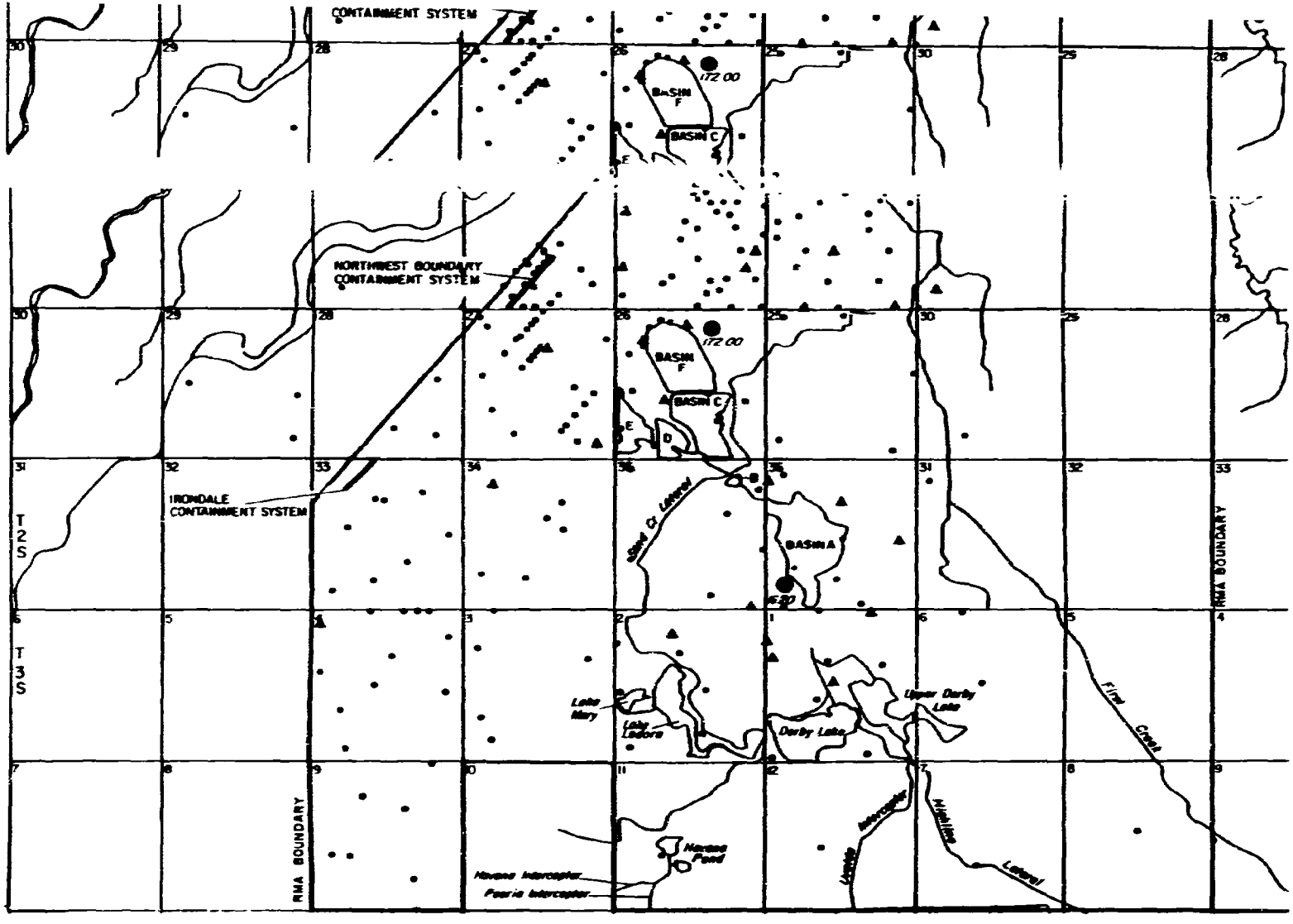
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

for Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





EXPLANATION

- Alluvial Well
- Unconfined Denver Formation Well
- 5.20 Alluvial Detection, Units in ug/l

N

0 2500 5000

Scale in Feet

Figure D-26

MIBK DETECTIONS UNCONFINED GROUNDWATER FLOW SYSTEM

Prepared for:
U.S. Army Program Manager's Office

Aberdeen Proving Ground, Maryland

SOURCE: Hunter/ESE, 1988

APPENDIX D.5: DENVER FM POINTS PLOTS (D-27 TO D-168)

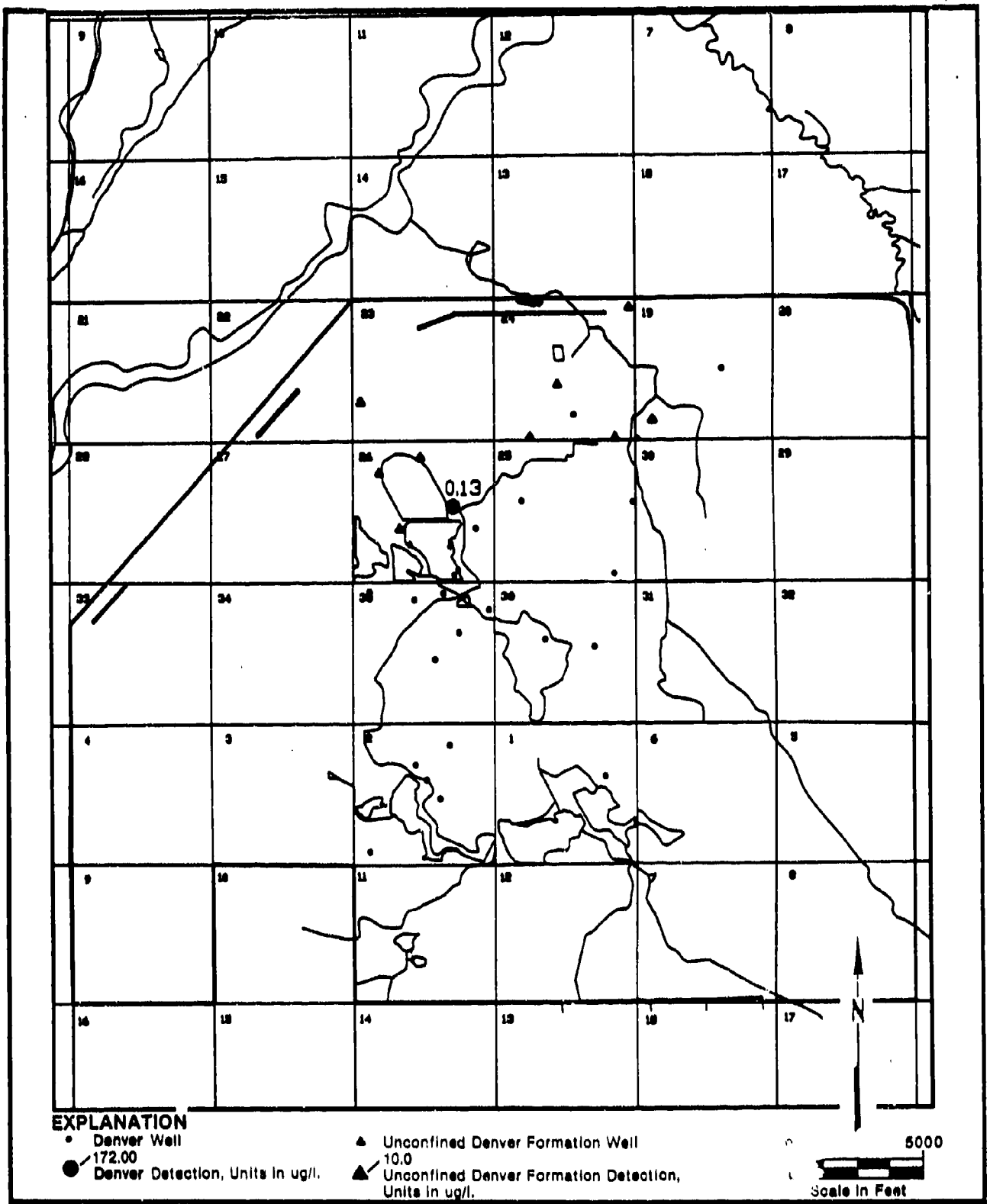


Figure D-27
ALDRIN DETECTIONS DENVER ZONE 1
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

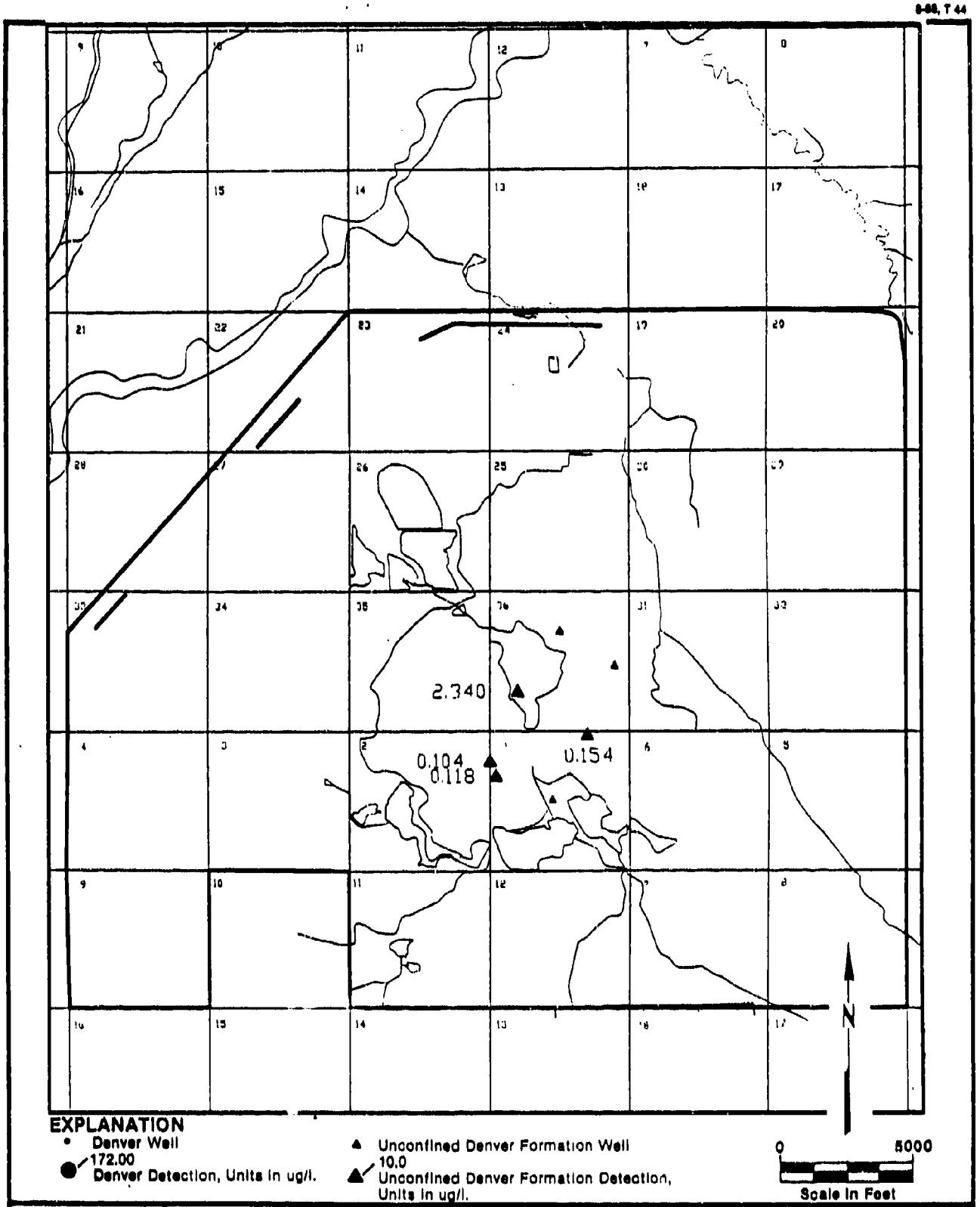


Figure D-28

DIELDRIN DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:

U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

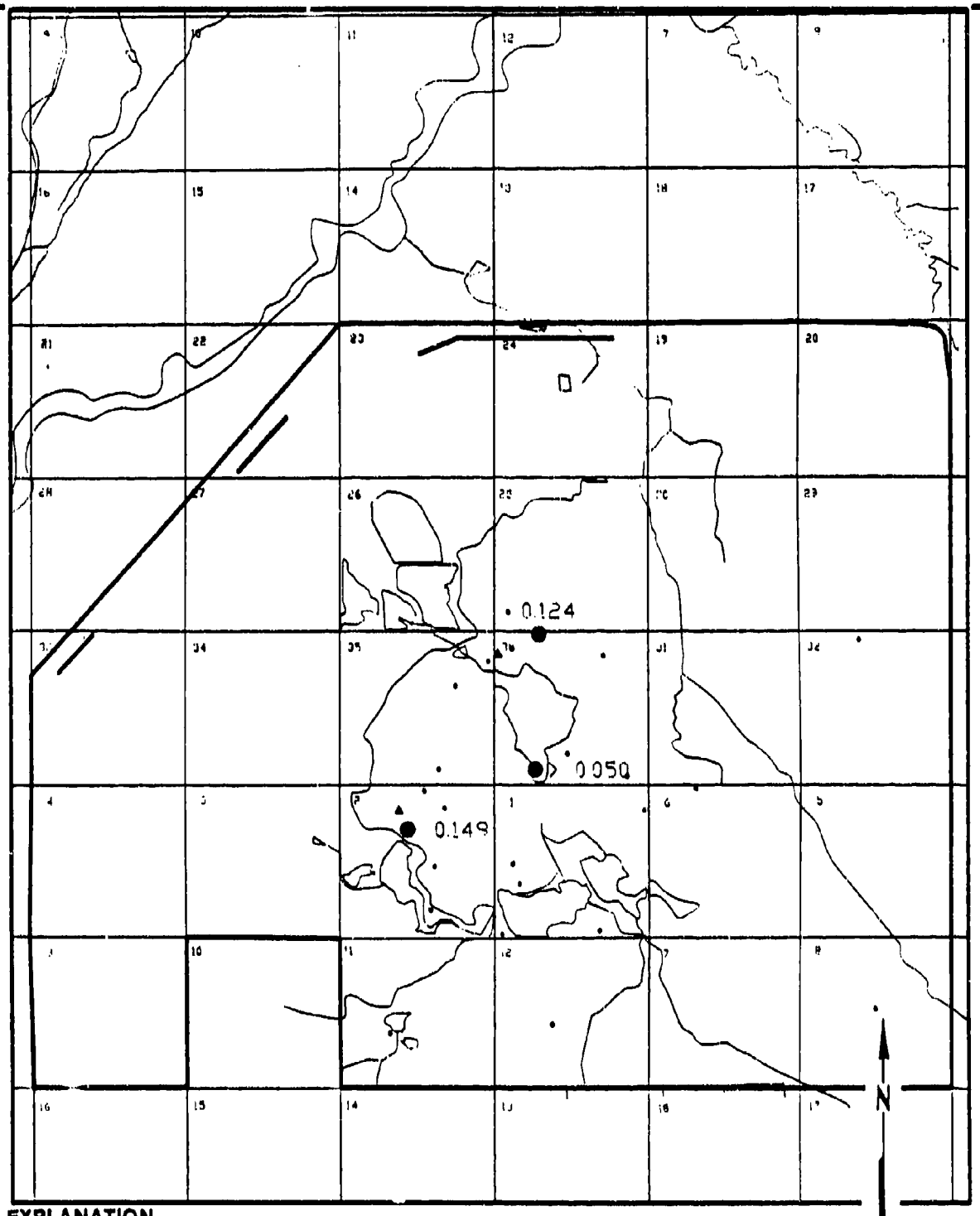


Figure D-29
DIELDRIN DETECTIONS DENVER ZONE A
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

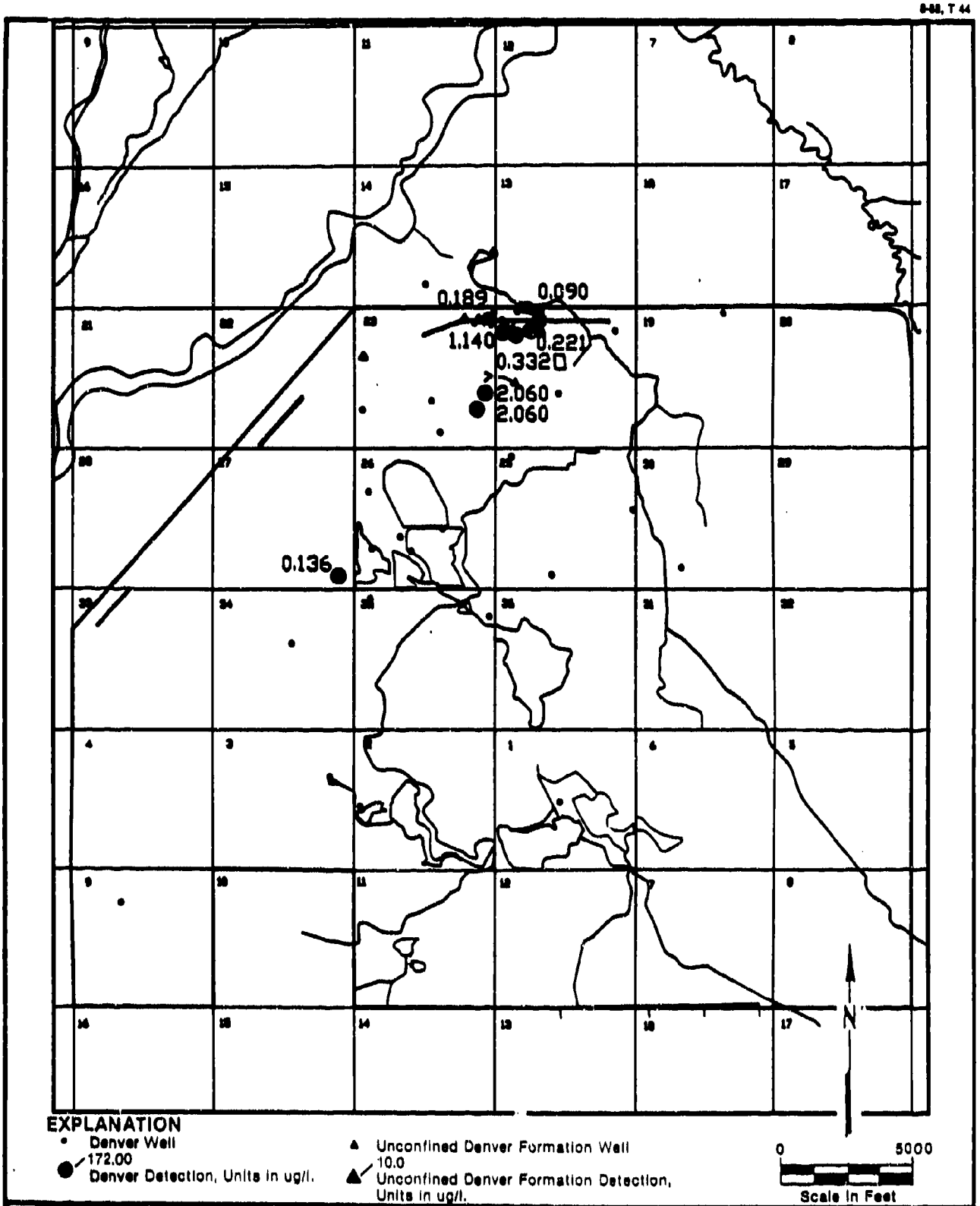


Figure D-30

DIELDRIN DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

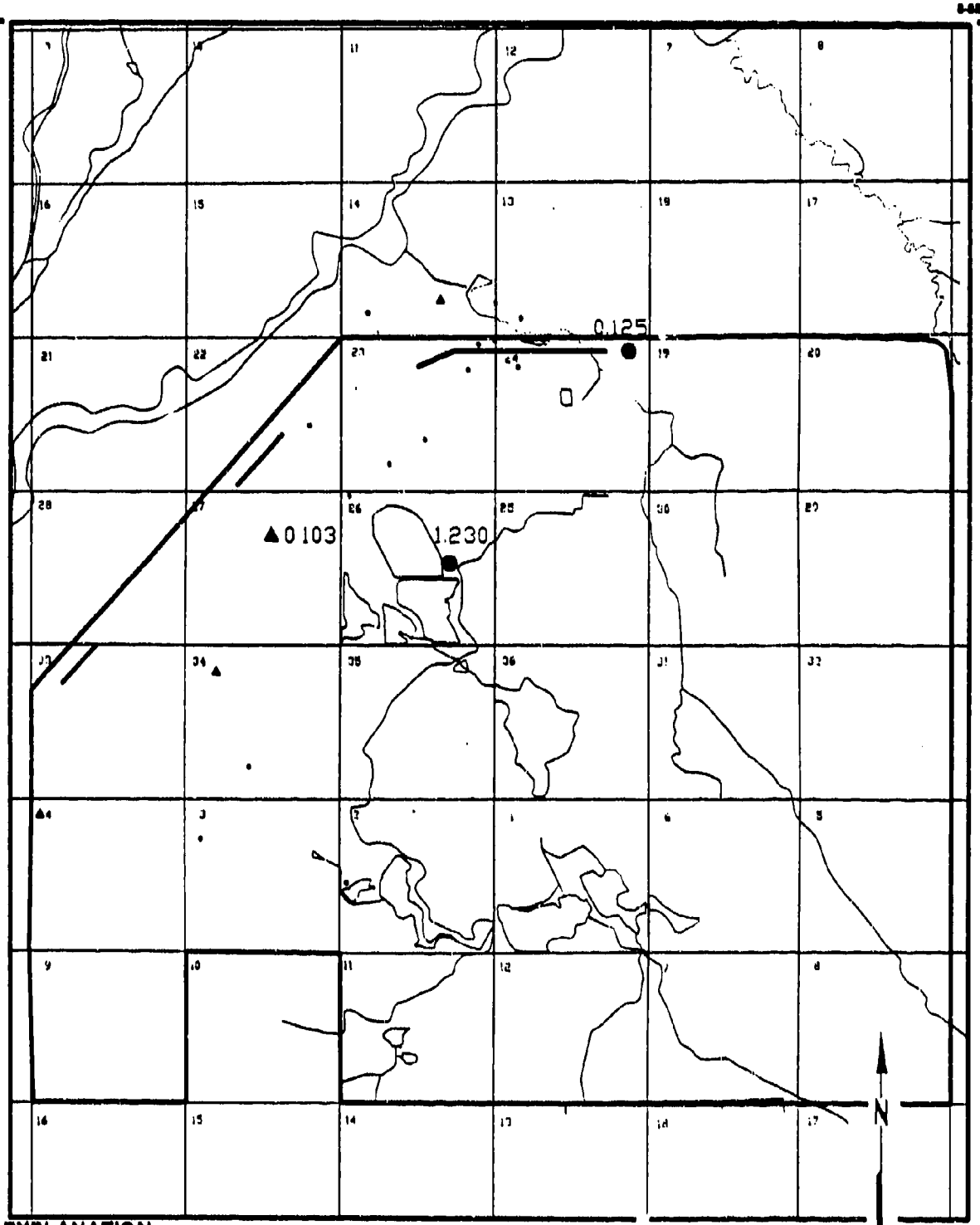


Figure D-31
DIELDRIN DETECTIONS DENVER ZONE 3
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

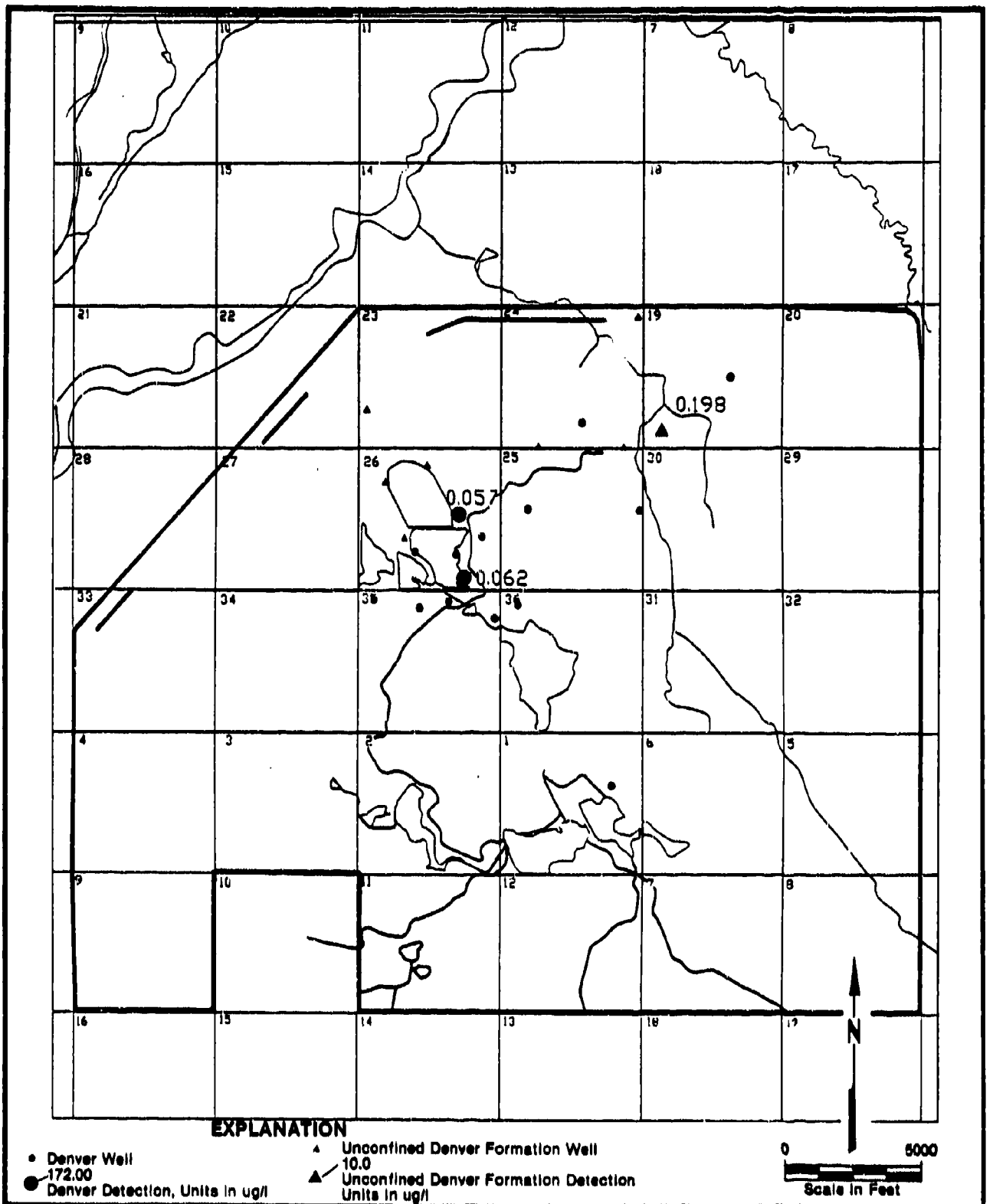


Figure D-32

ENDRIN DETECTIONS DENVER ZONE 1,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

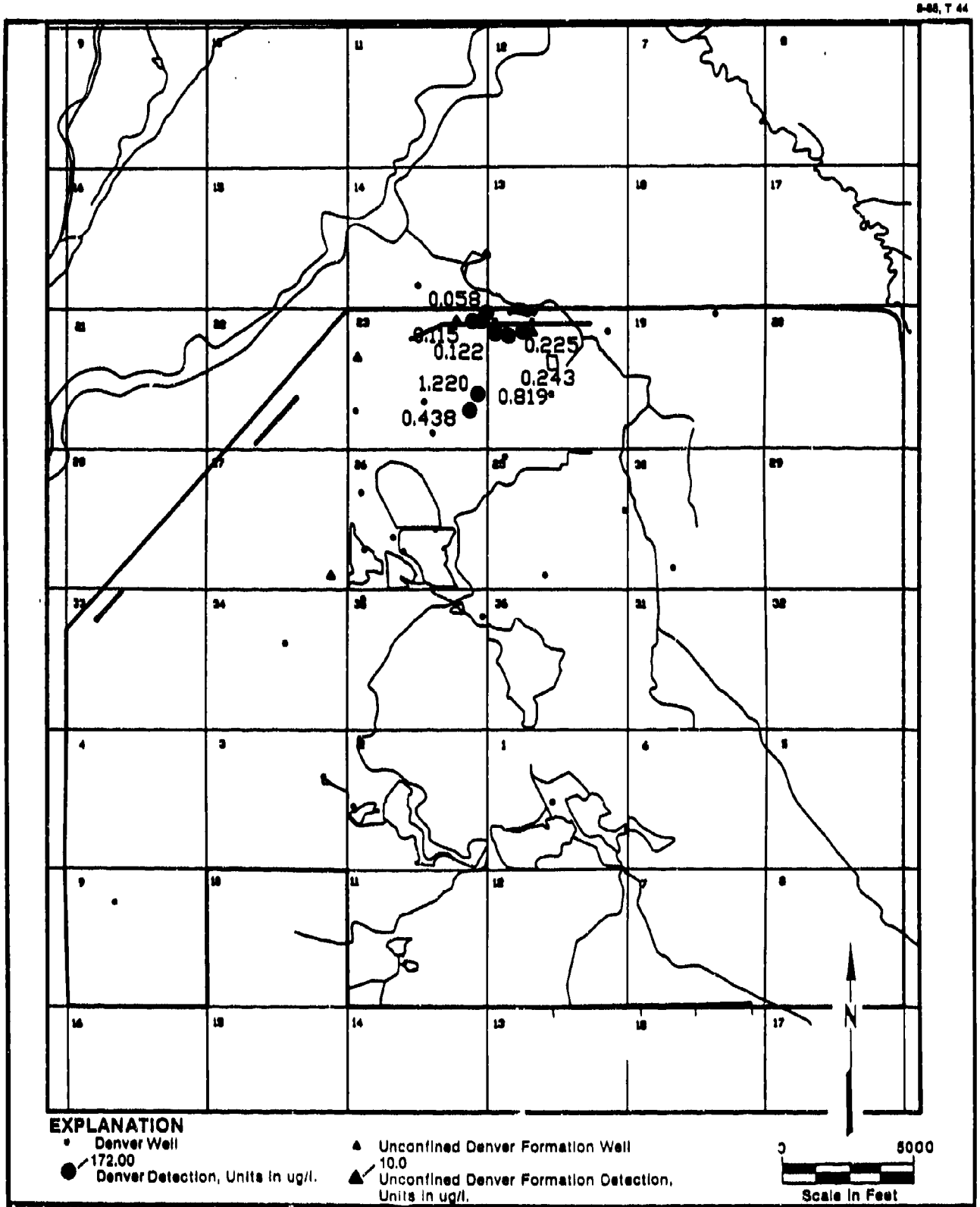


Figure D-33

ENDRIN DETECTIONS DENVER ZONE 2 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

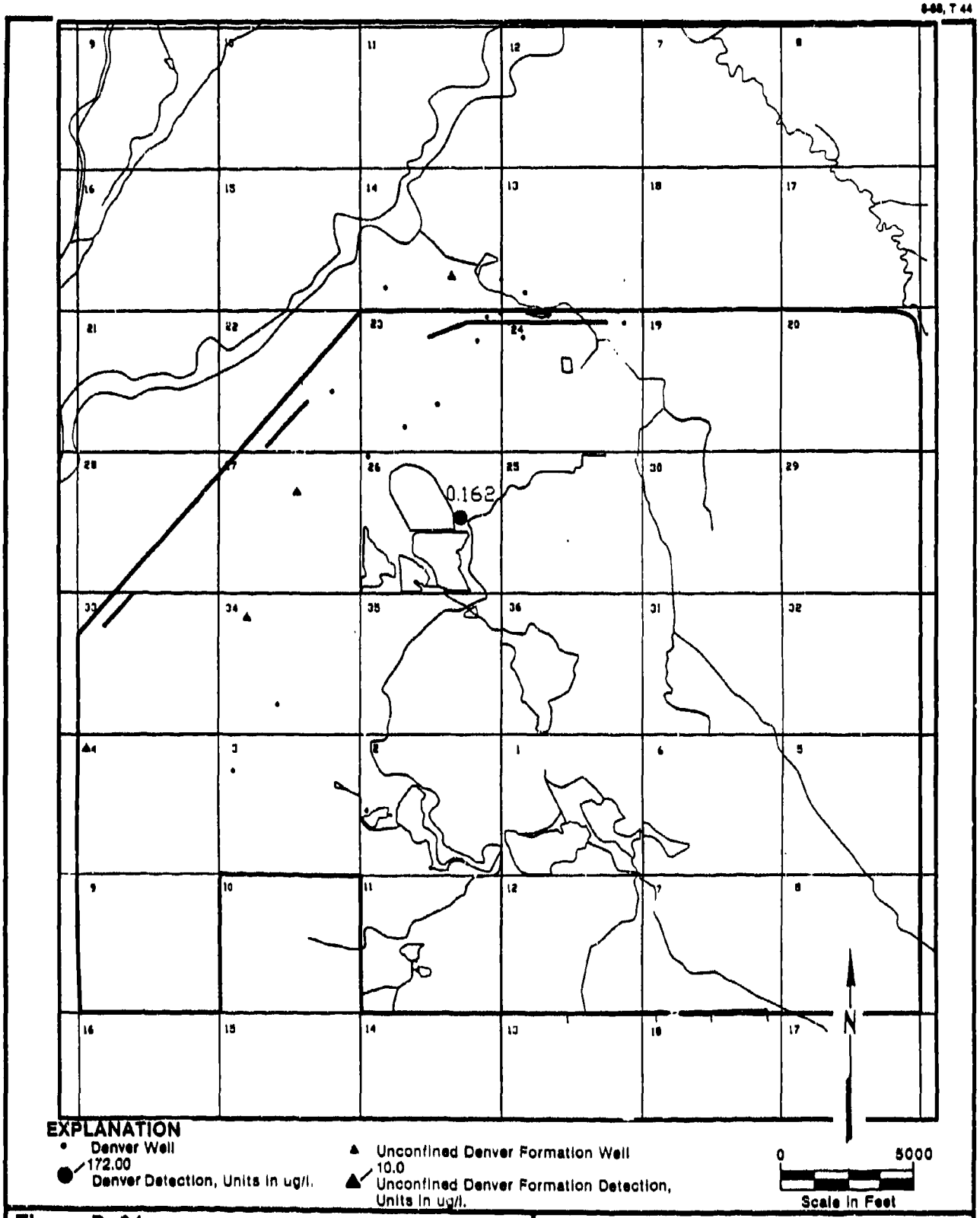


Figure D-34

ENDRIN DETECTIONS DENVER ZONE 3 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

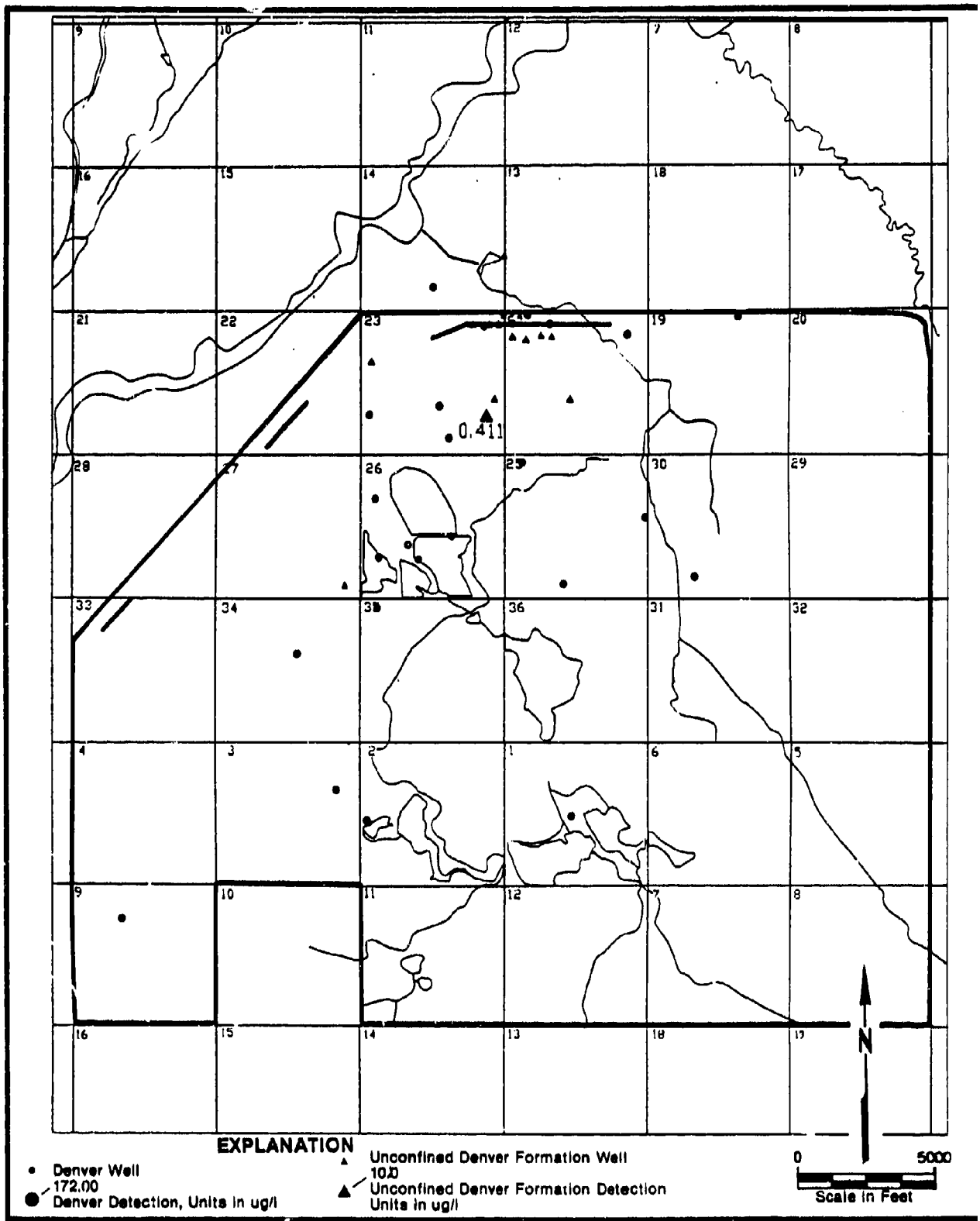


Figure D-35

ISODRIN DETECTIONS DENVER ZONE 2,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

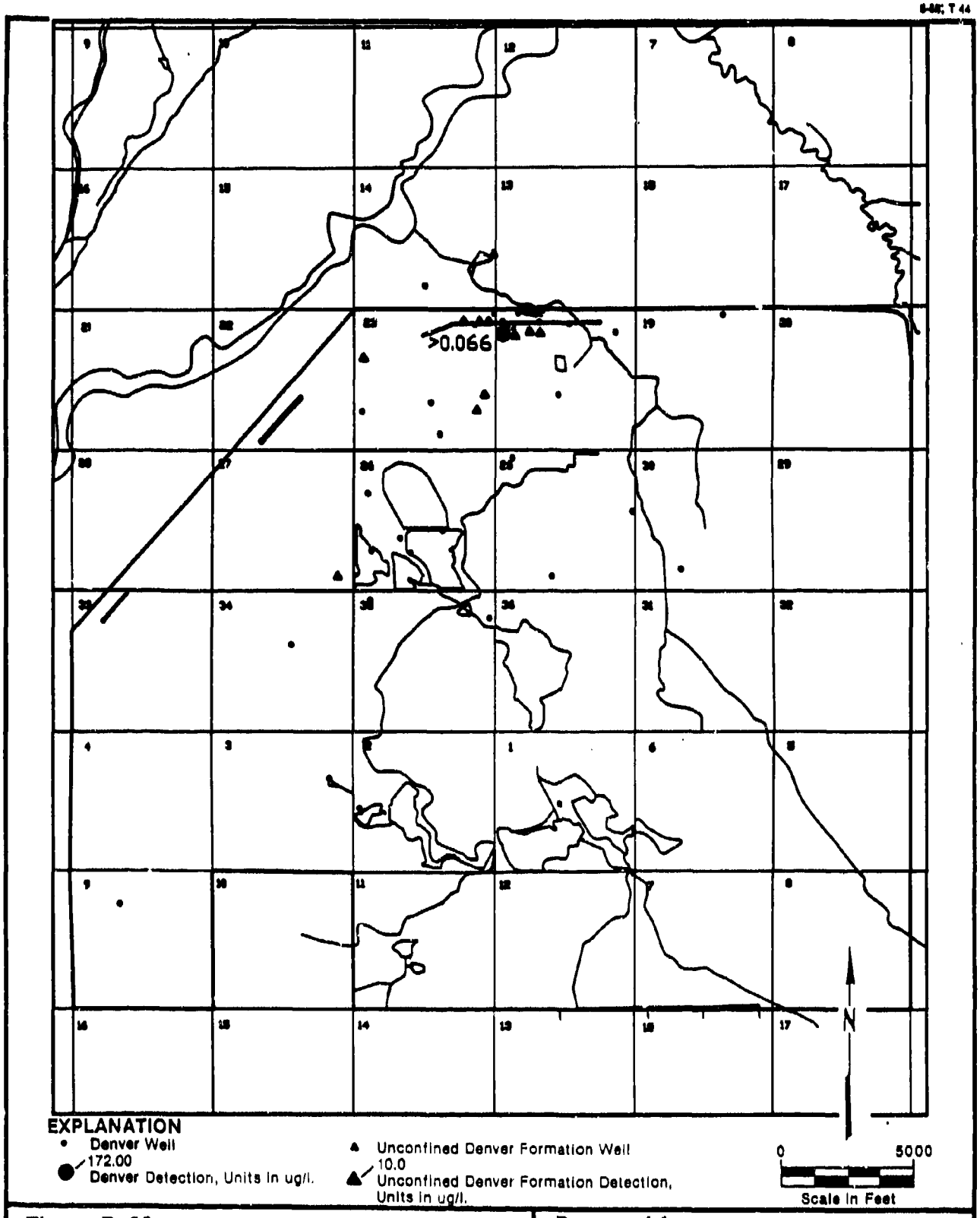


Figure D-36
PP-DDT DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

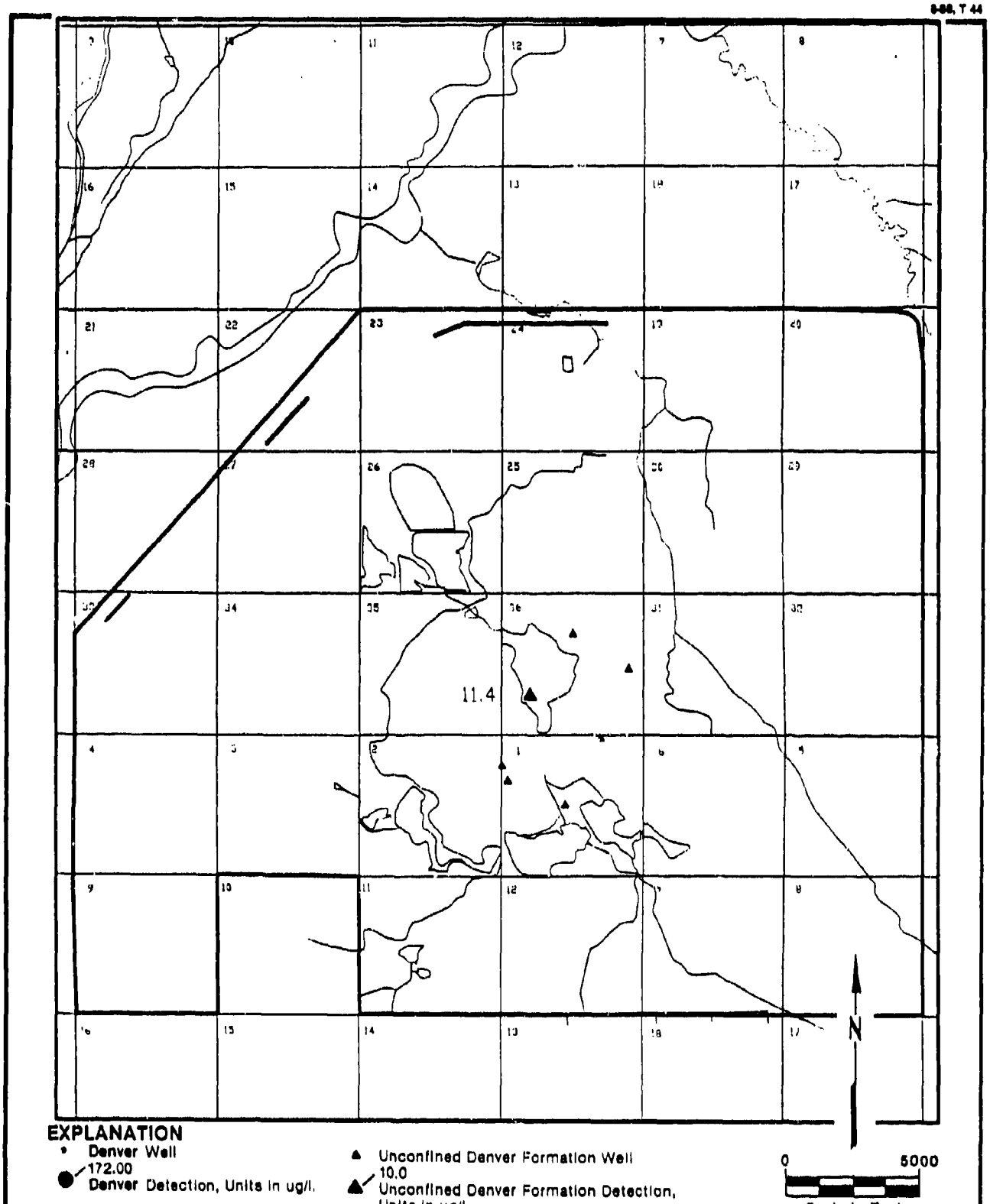


Figure D-37
DMDS DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

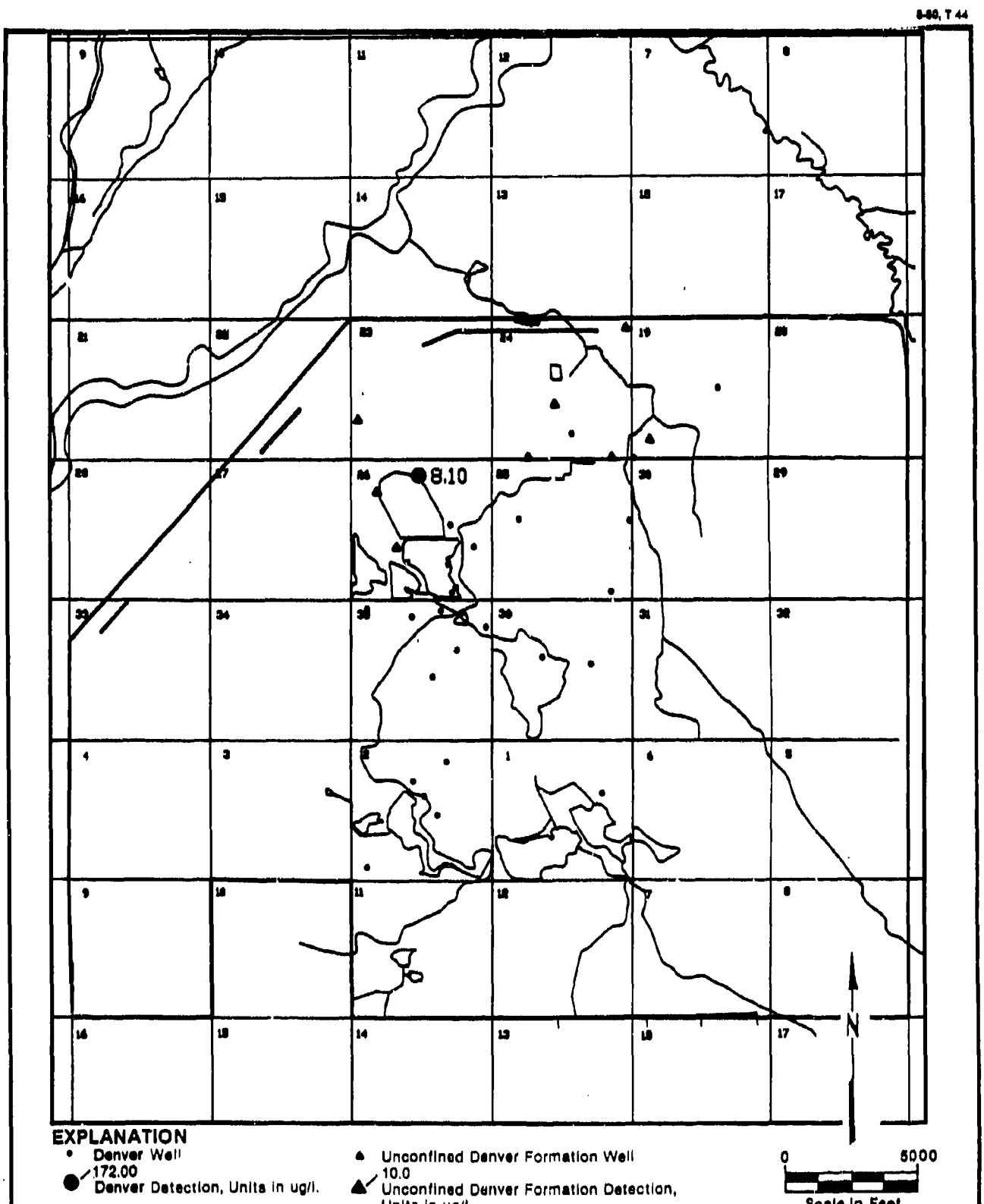


Figure D-38

DMDS DETECTIONS DENVER ZONE 1
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

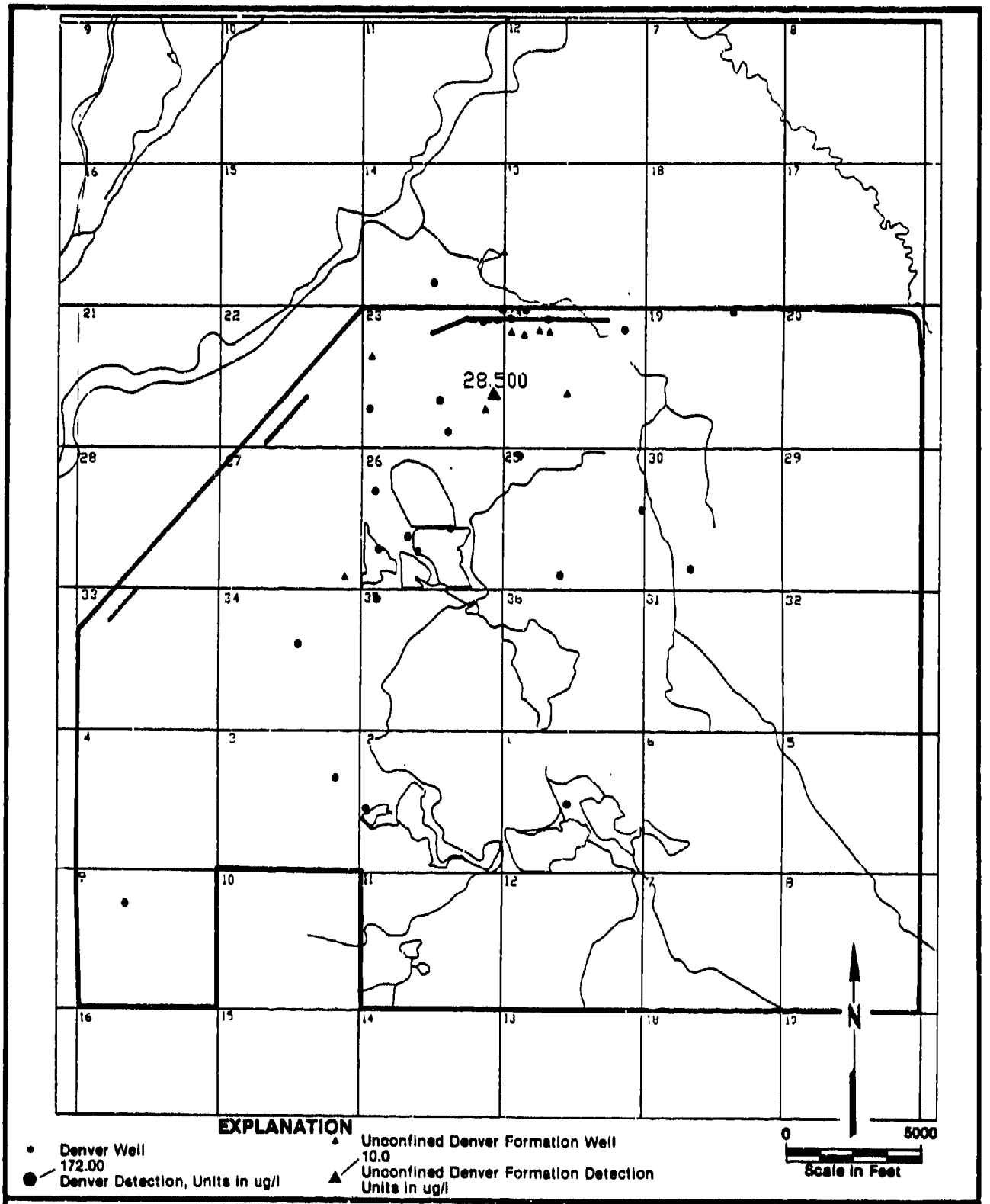


Figure D-39

DMDS DETECTIONS DENVER ZONE 2,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

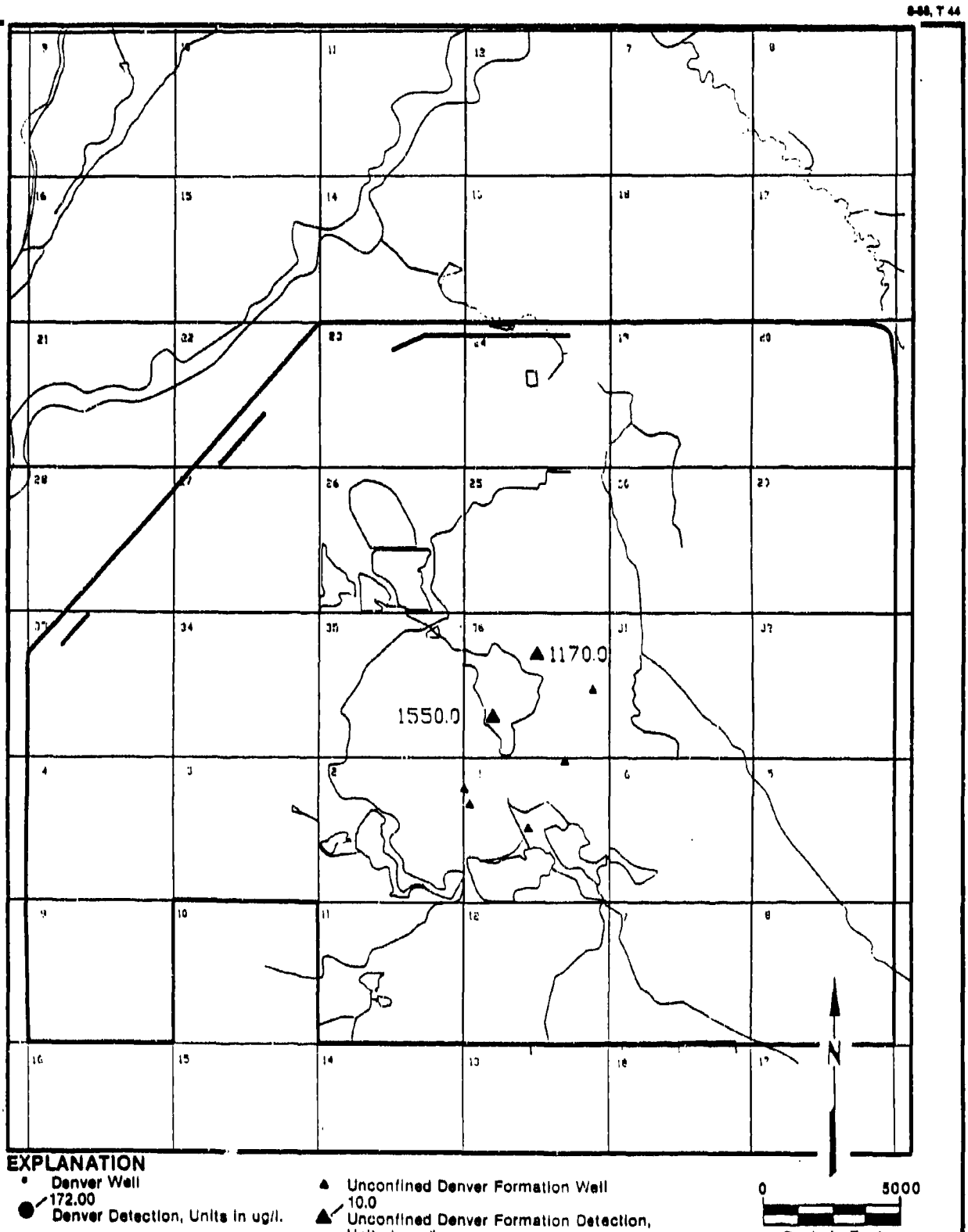


Figure D-40
OXATHIANE DETECTIONS DENVER ZONE
VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

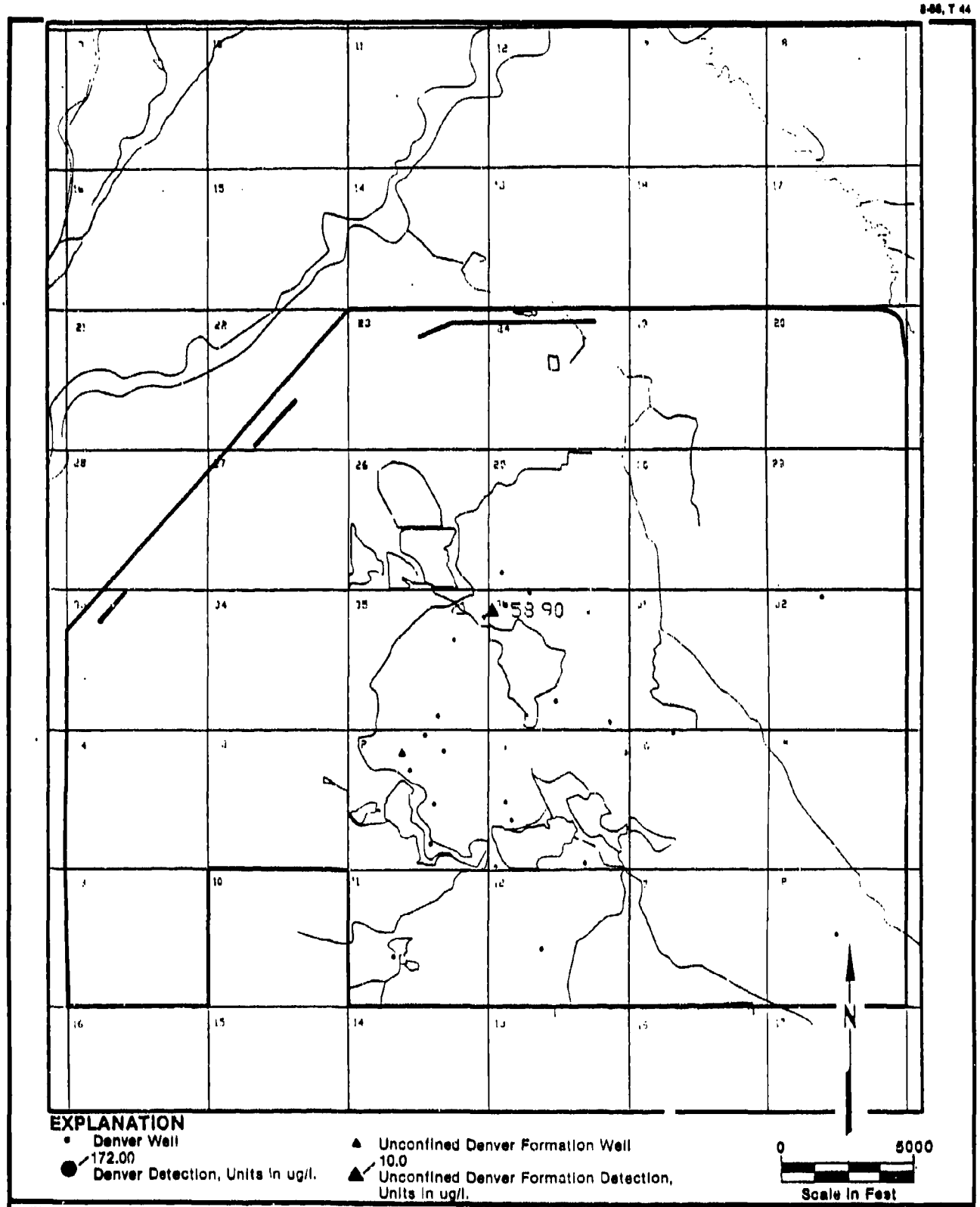


Figure D-41

OXATHIANE DETECTIONS DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

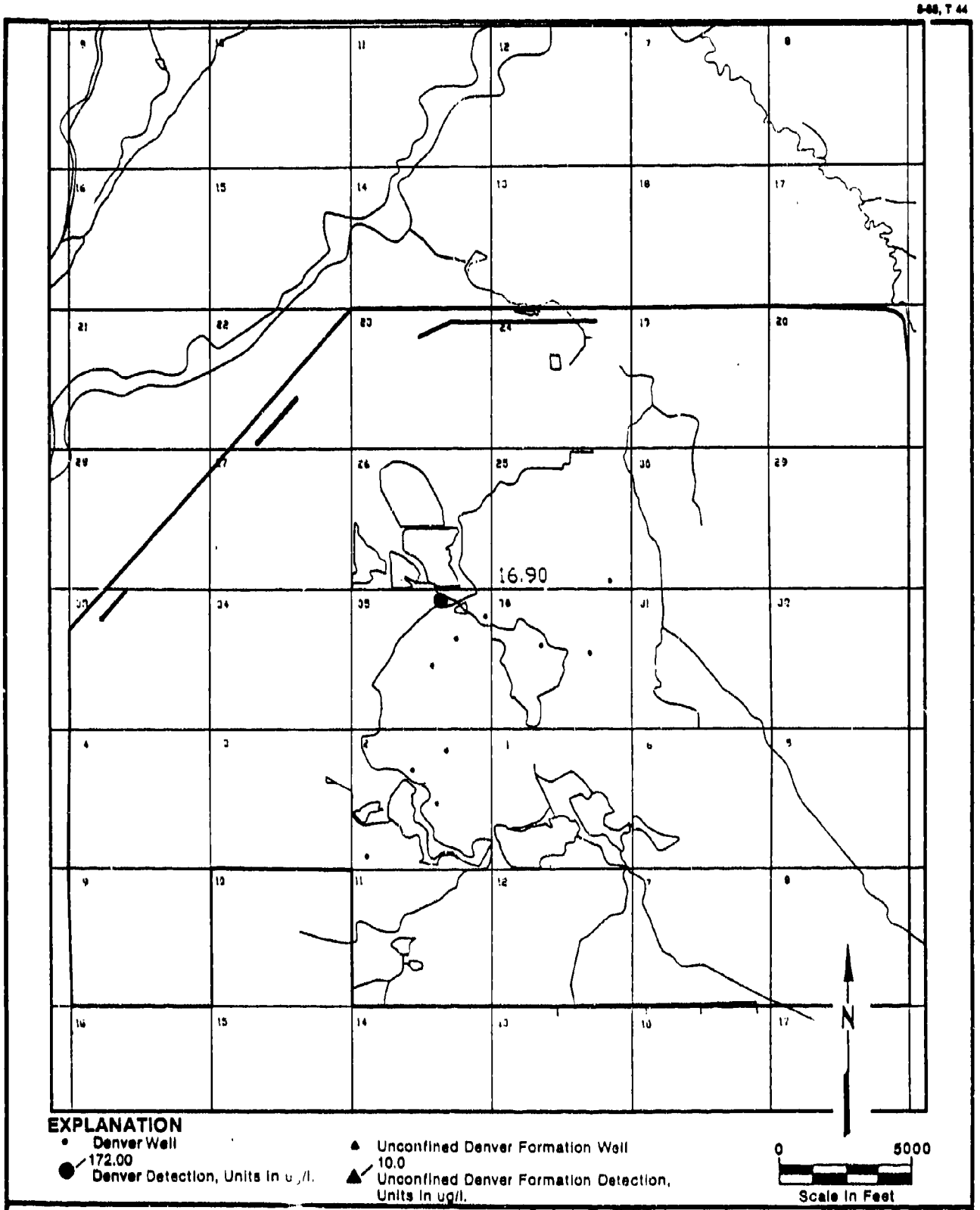


Figure D-42
OXATHIANE DETECTIONS DENVER ZONE 1U
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

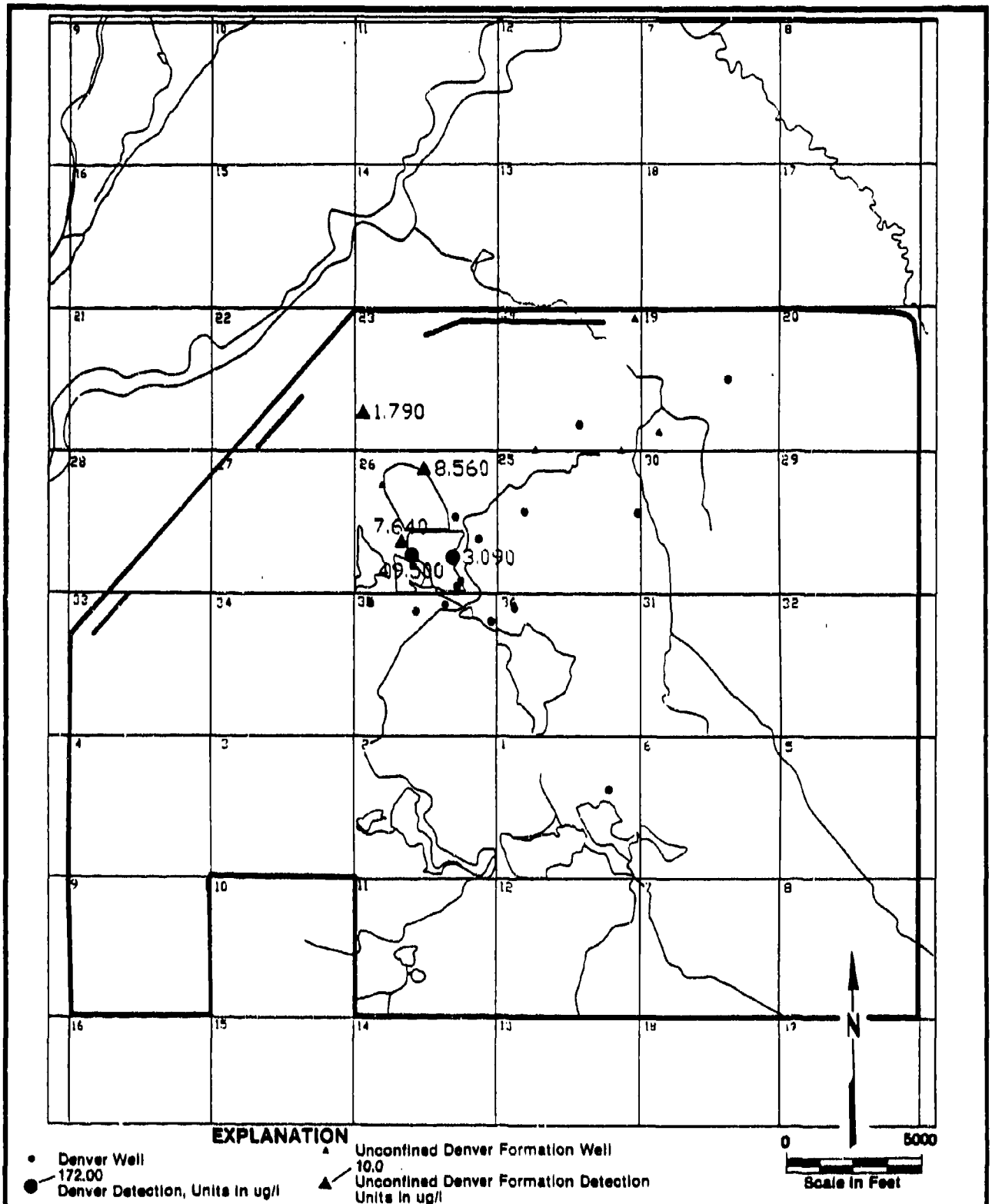


Figure D-43

OXATHIANE DETECTIONS DENVER ZONE
1 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

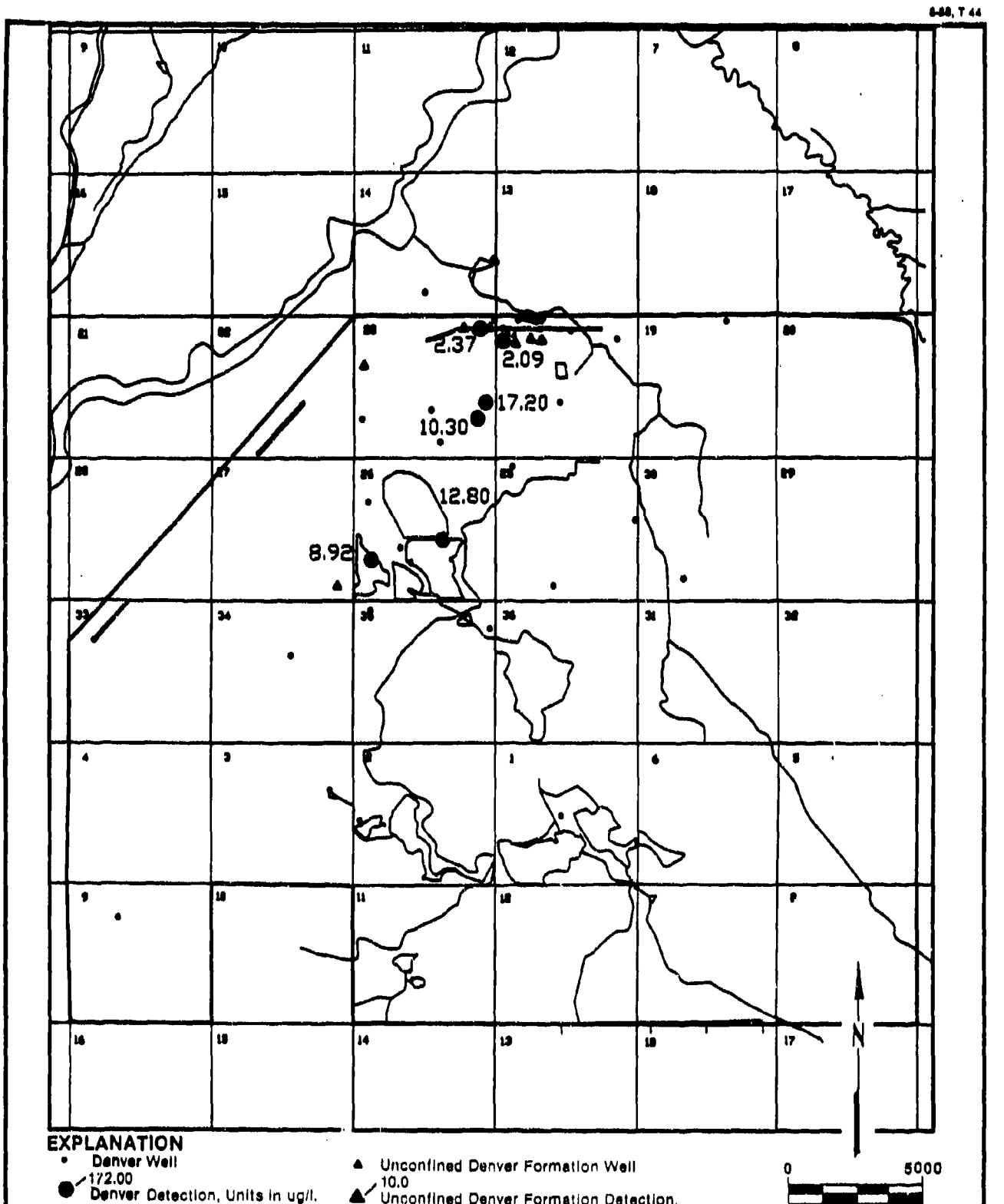


Figure D-44

OXATHIANE DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

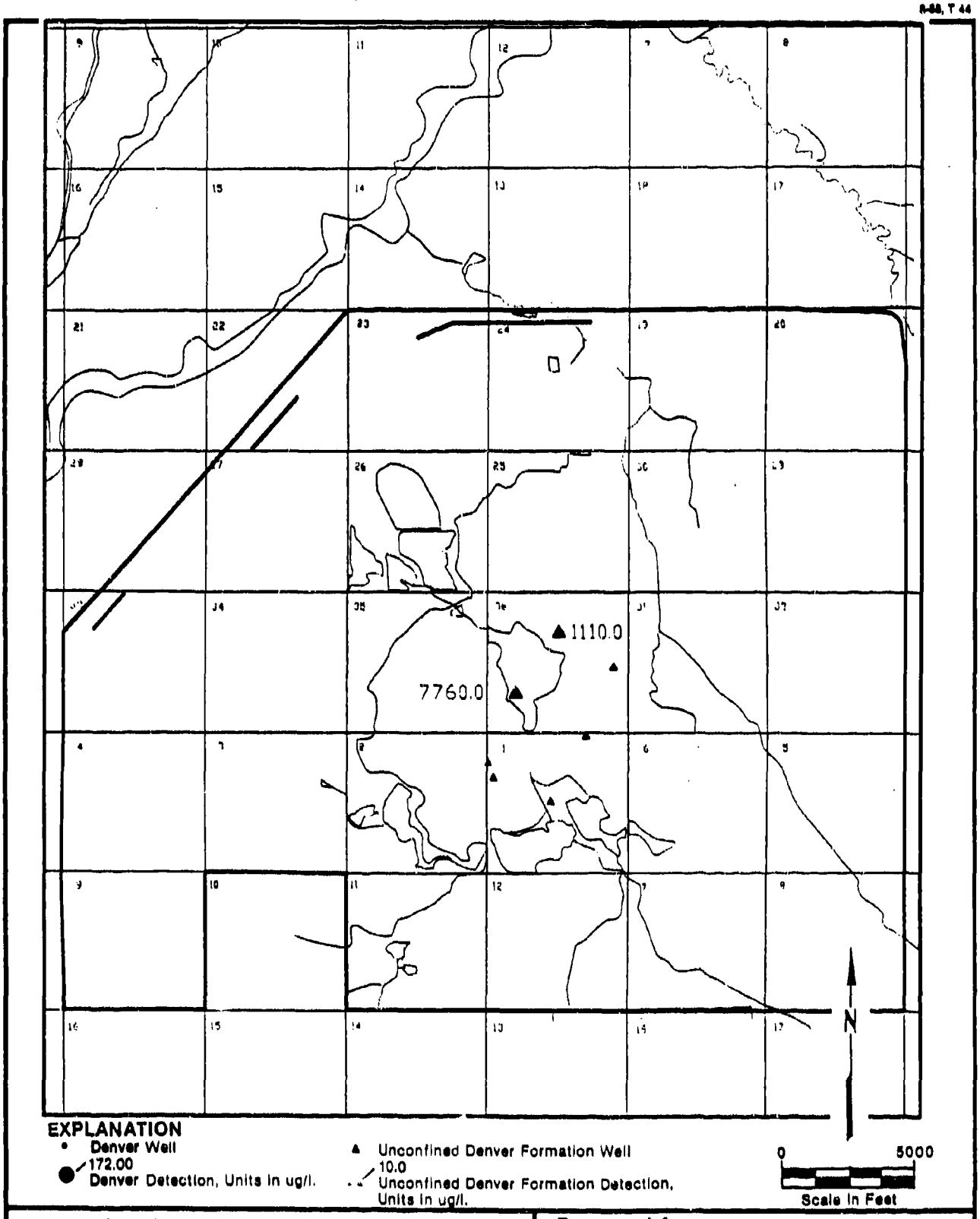


Figure D-45
DITHIANE DETECTIONS DENVER ZONE
VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

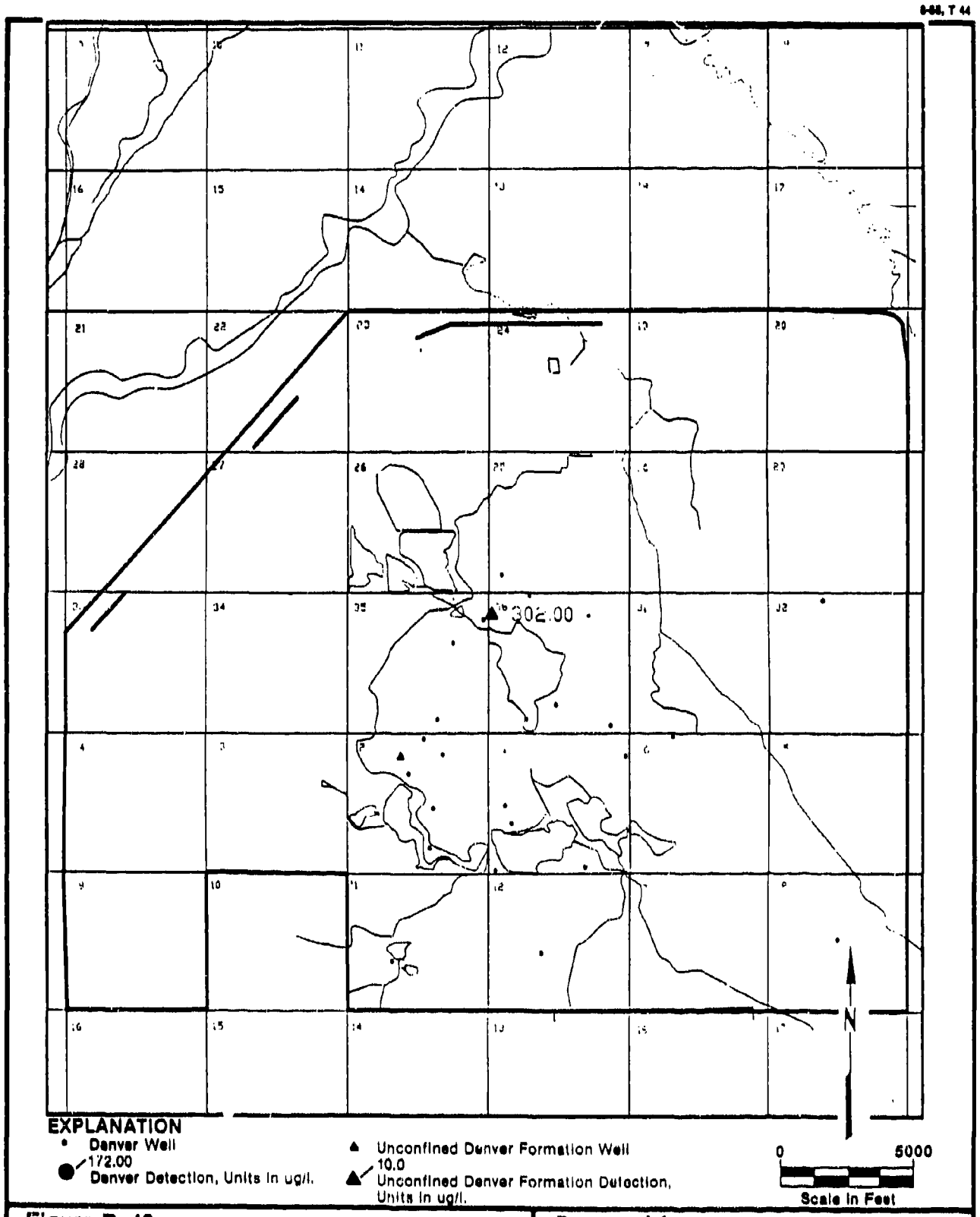


Figure D-46

DITHIANE DETECTIONS DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

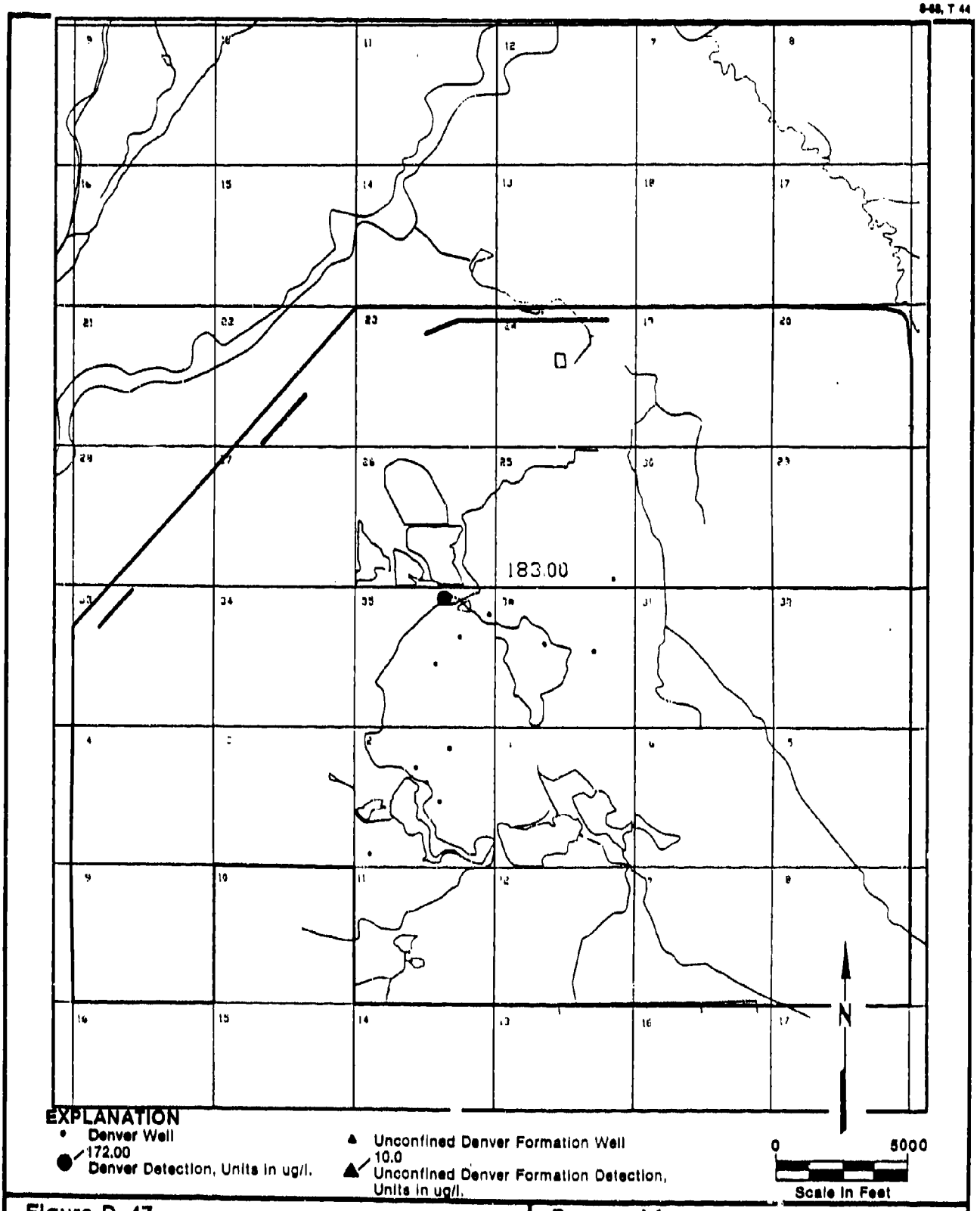


Figure D-47
DITHIANE DETECTIONS DENVER ZONE 1U
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

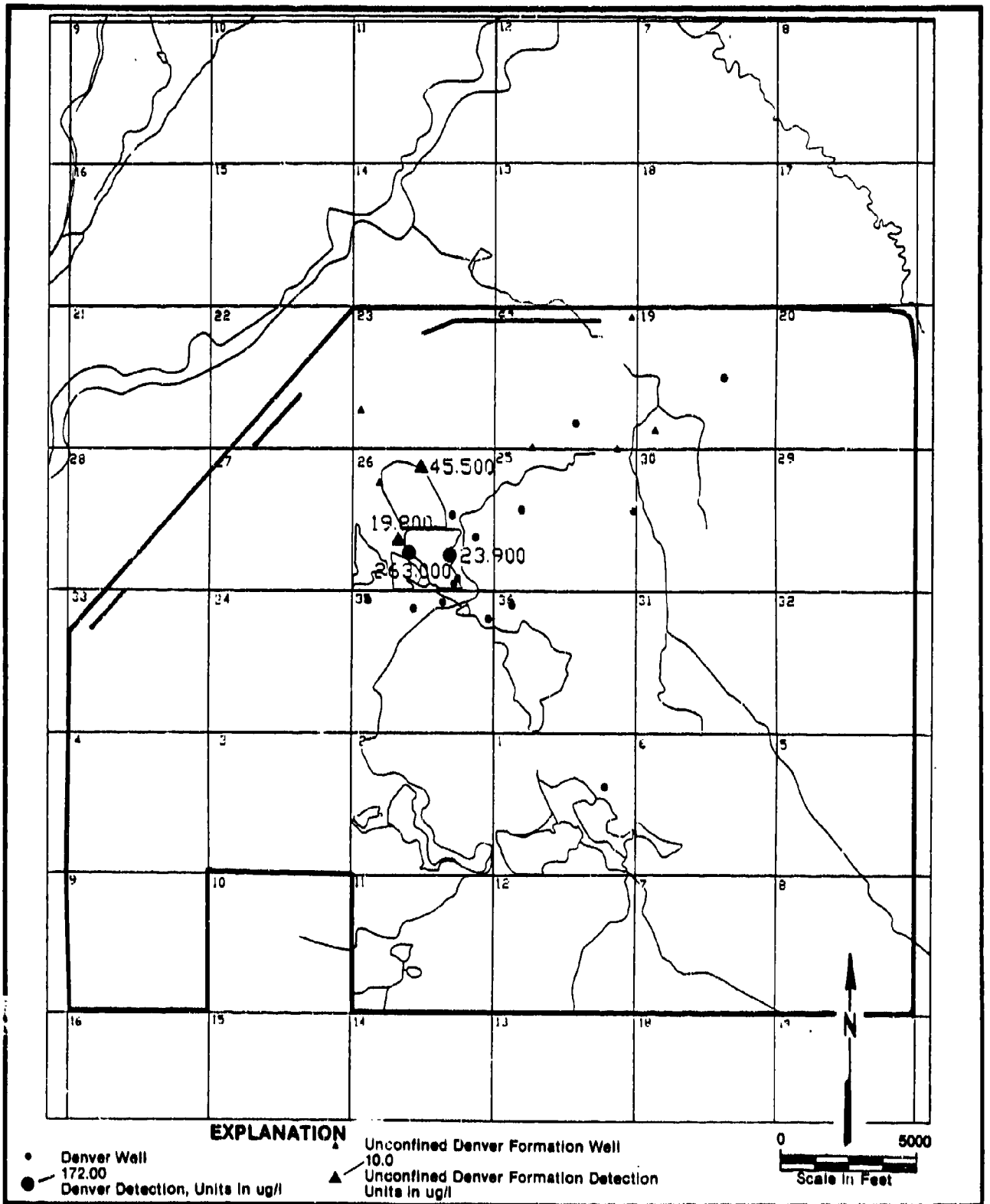


Figure D-48

DITHIANE DETECTIONS DENVER ZONE 1,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

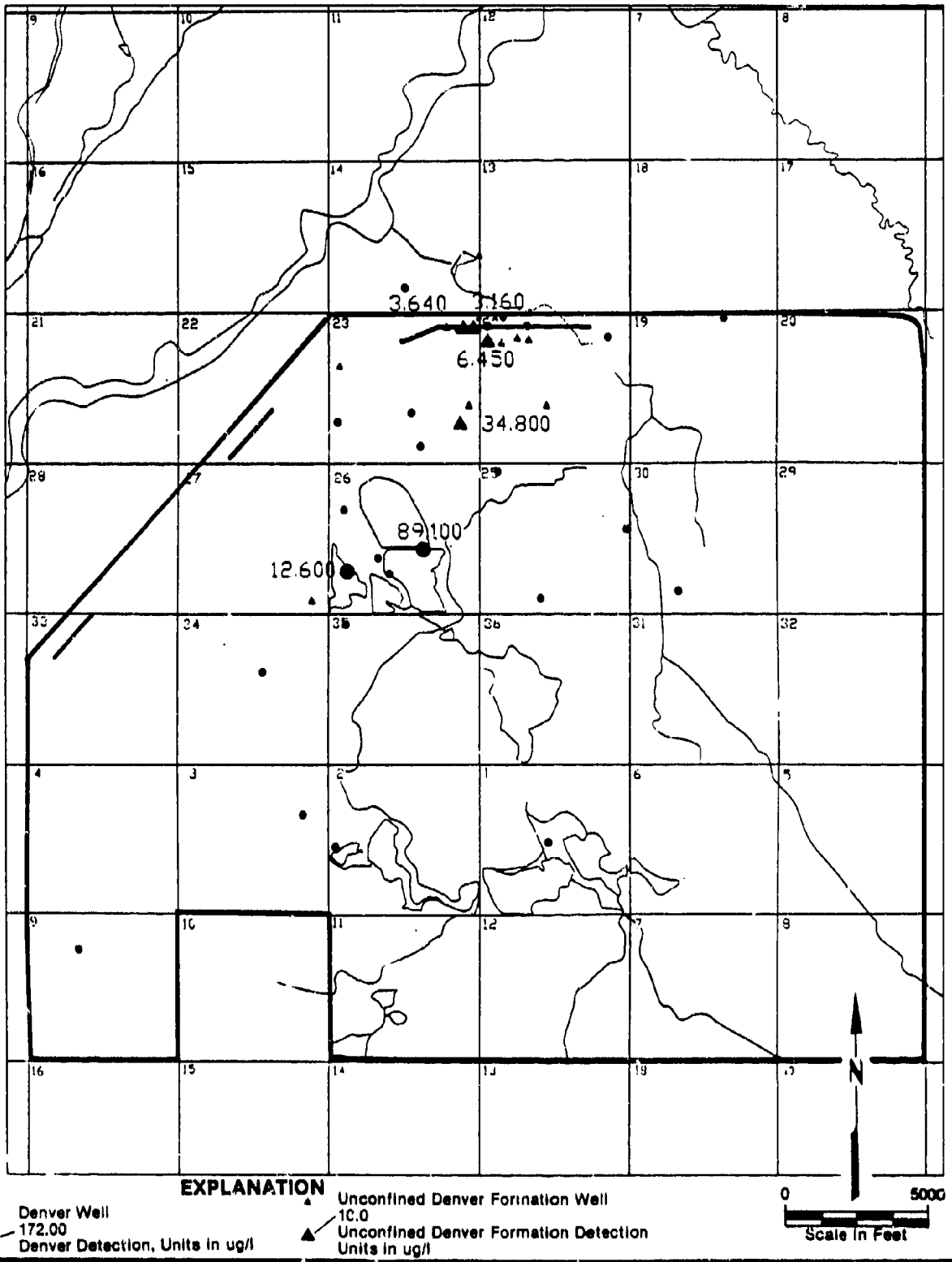


Figure D-49

DITHIANE DETECTIONS DENVER ZONE 2,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Offic
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

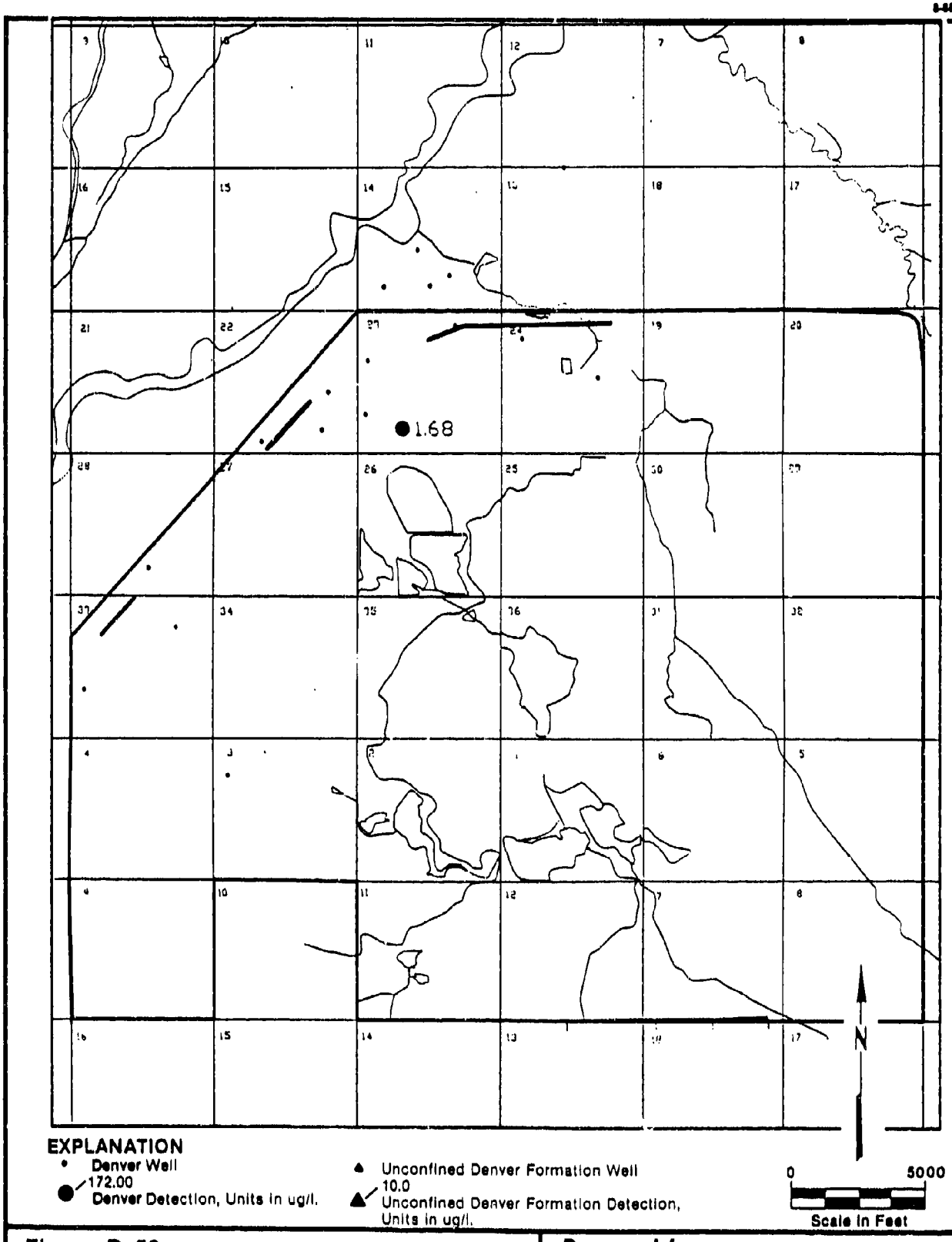


Figure D-50
DITHIANE DETECTIONS DENVER ZONE 4
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

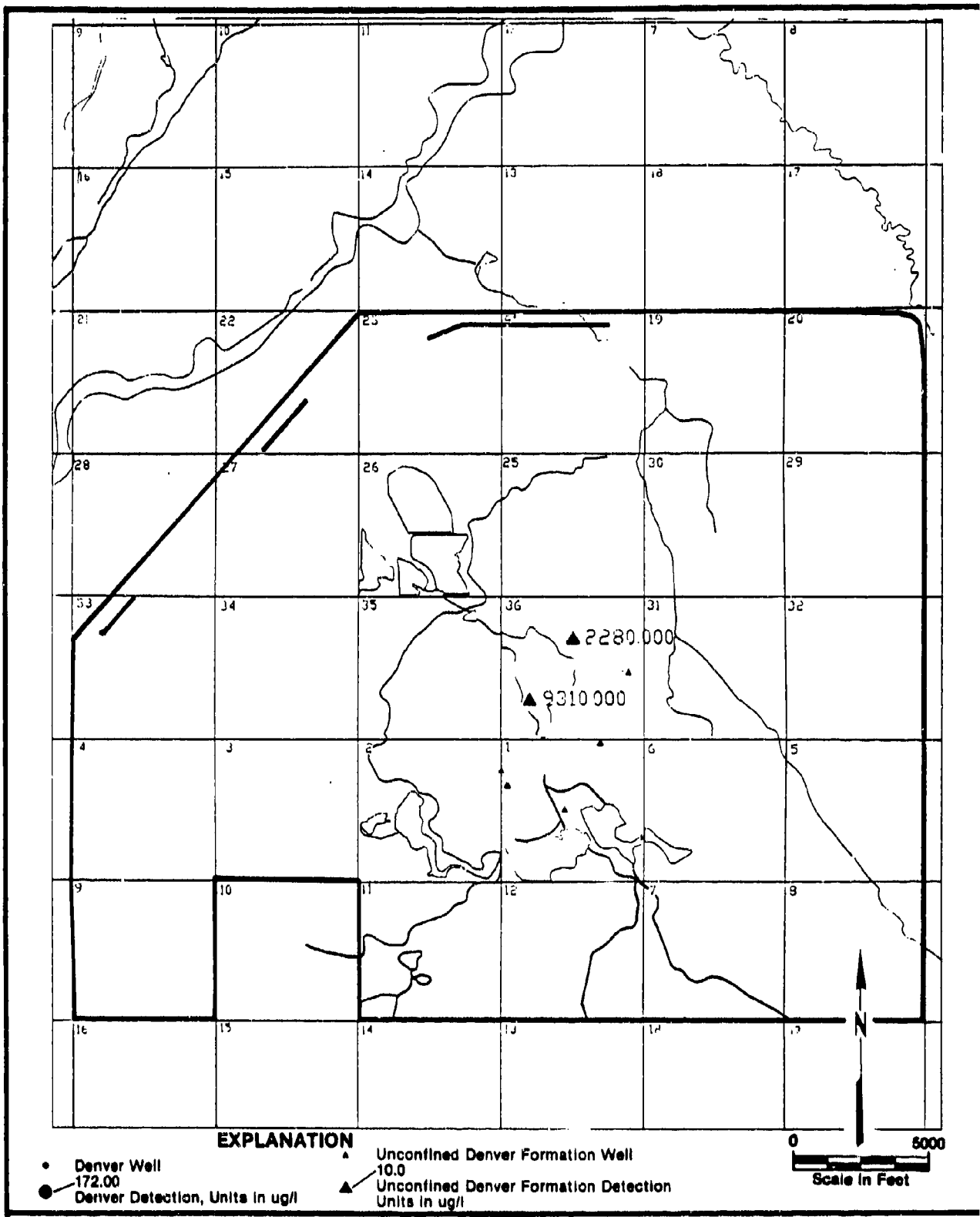


Figure D-51

OXATHIANE/DITHIANE DETECTIONS DENVER ZONE VC/VCE, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

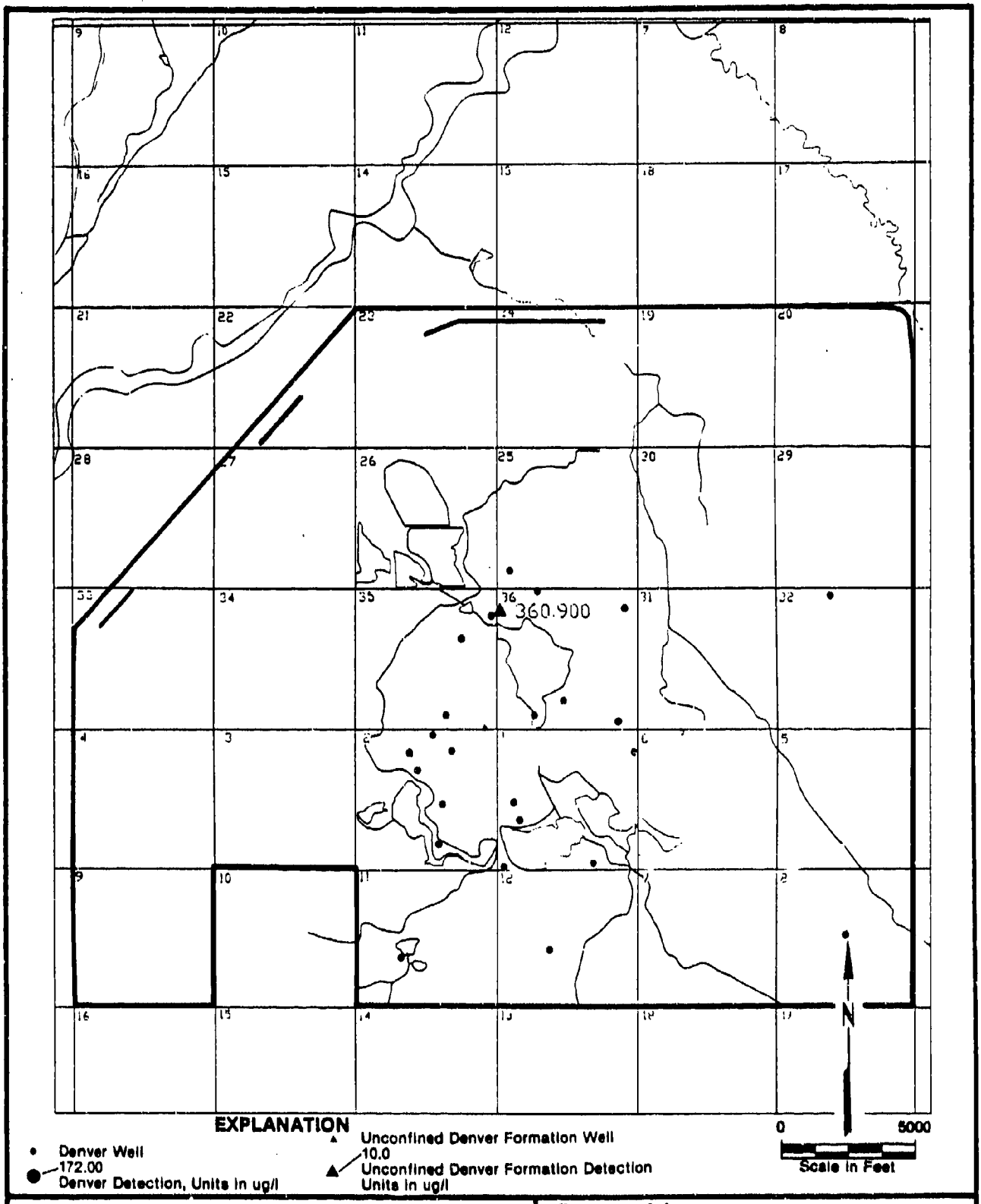


Figure D-52

OXATHIANE/DITHIANE DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

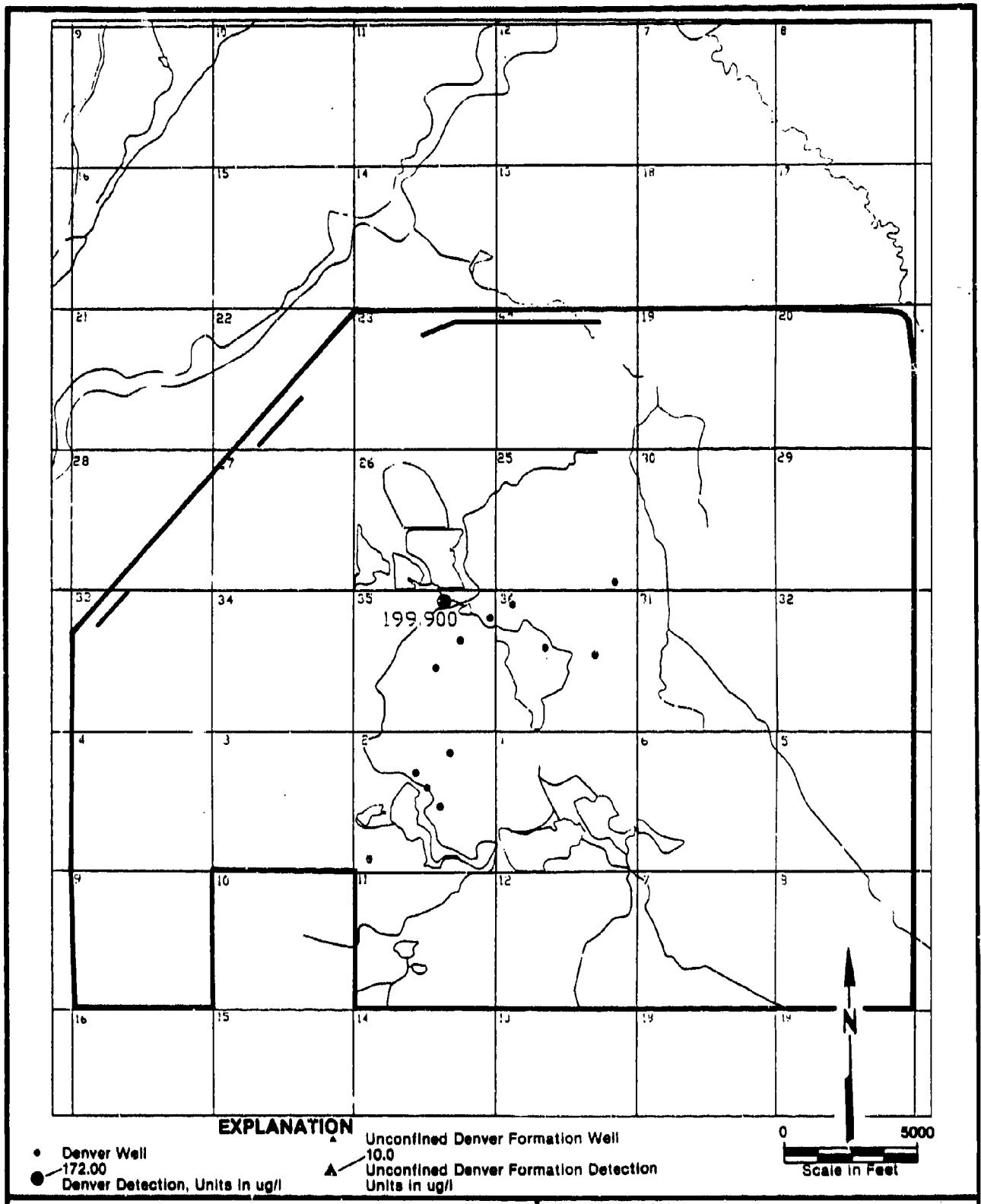


Figure D-53

OXATHIANE/DITHIANE DETECTIONS DENVER ZONE 1U, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

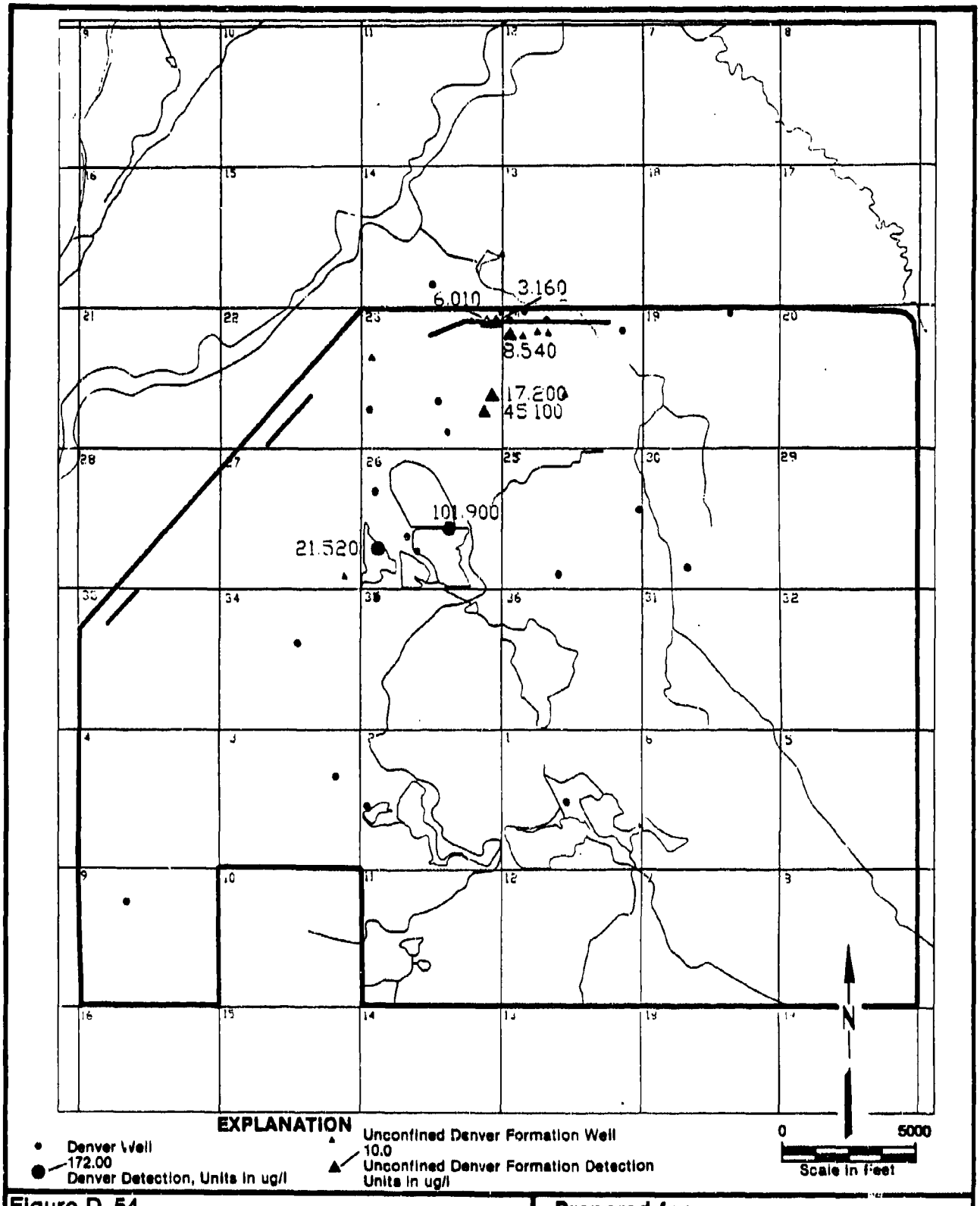


Figure D-54

OXATHIANE/DITHIANE DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

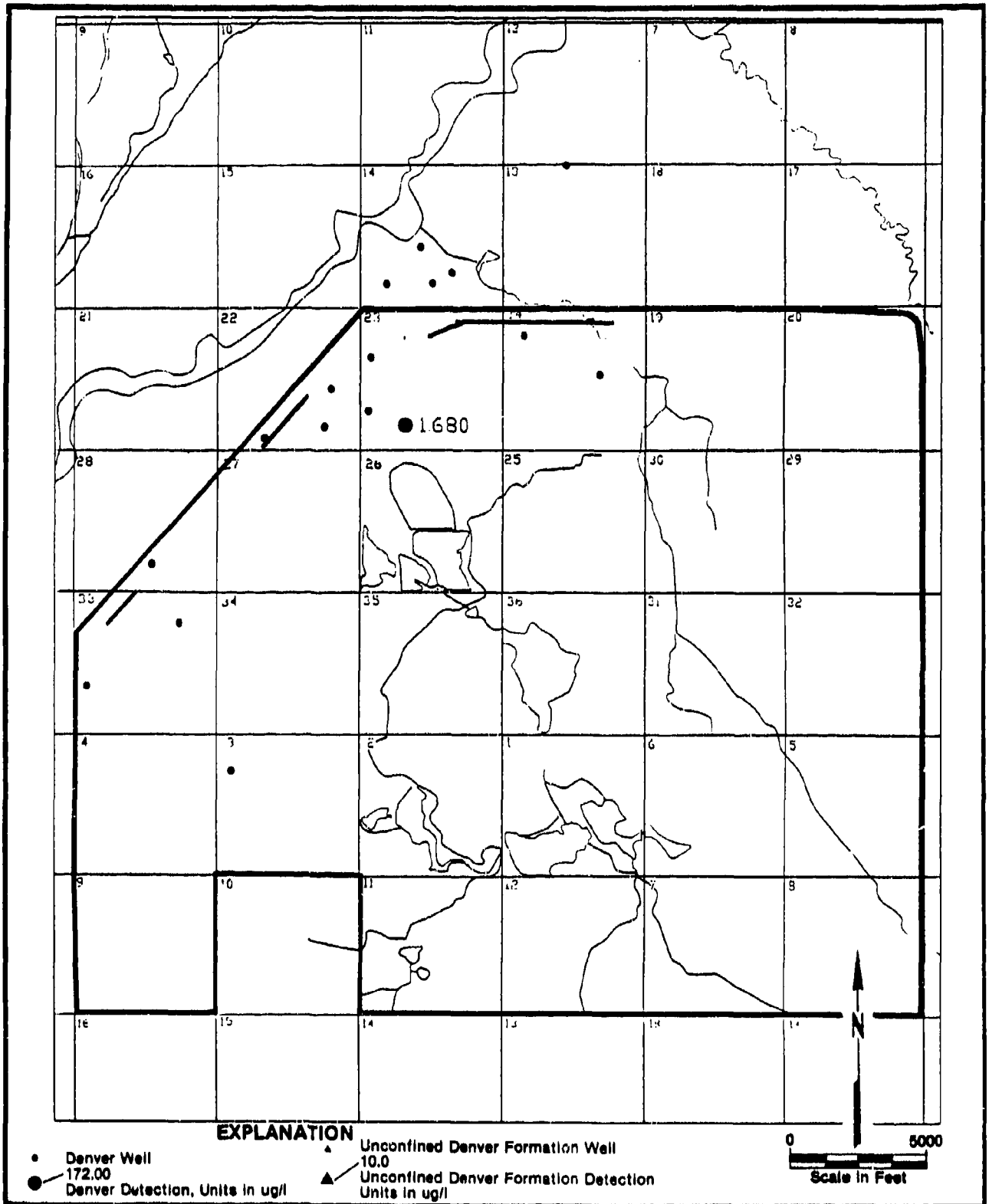


Figure D-55

OXATHIANE/DITHIANE DETECTIONS DENVER ZONE 4, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

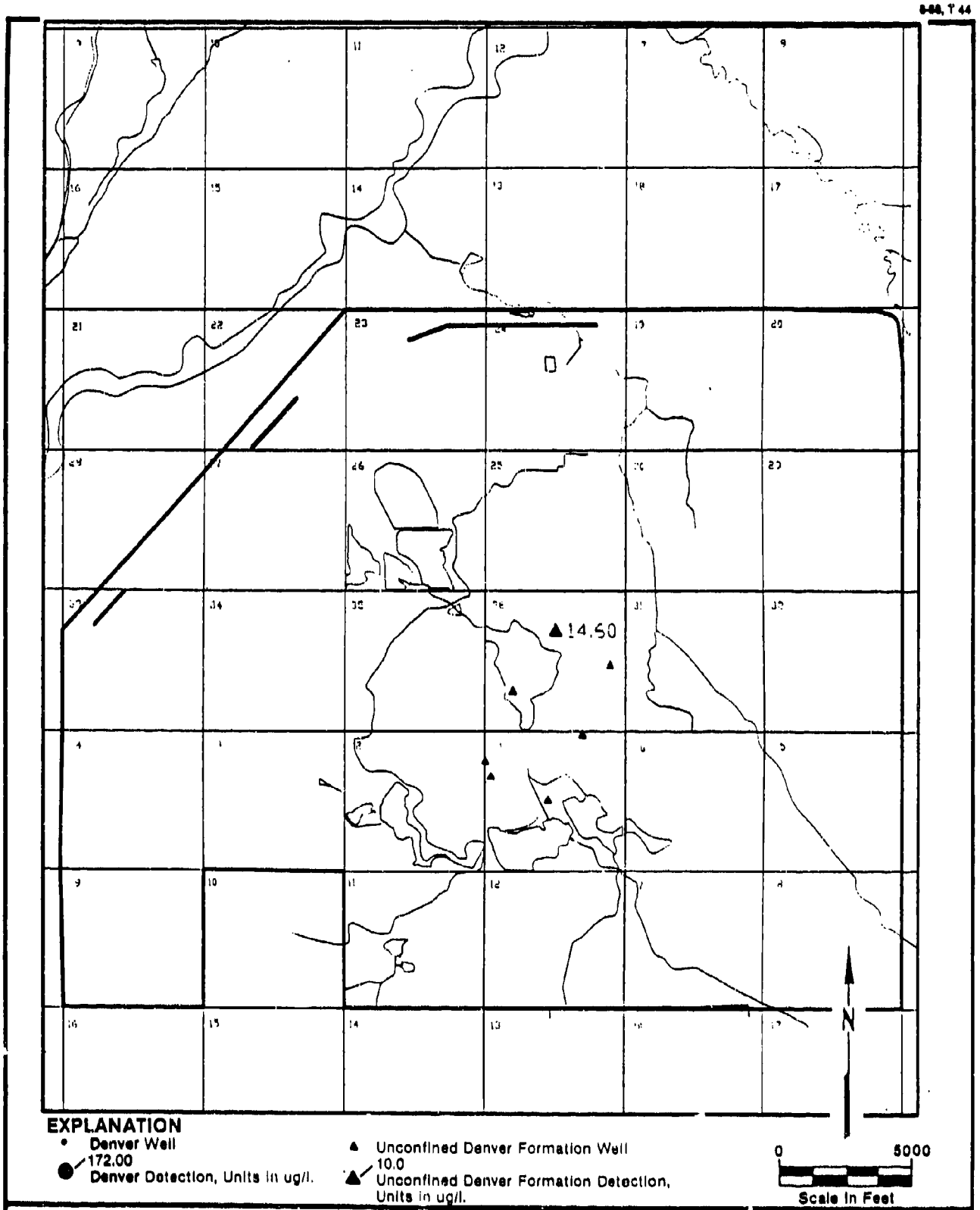


Figure D-56
BENZOTHIAZOLE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

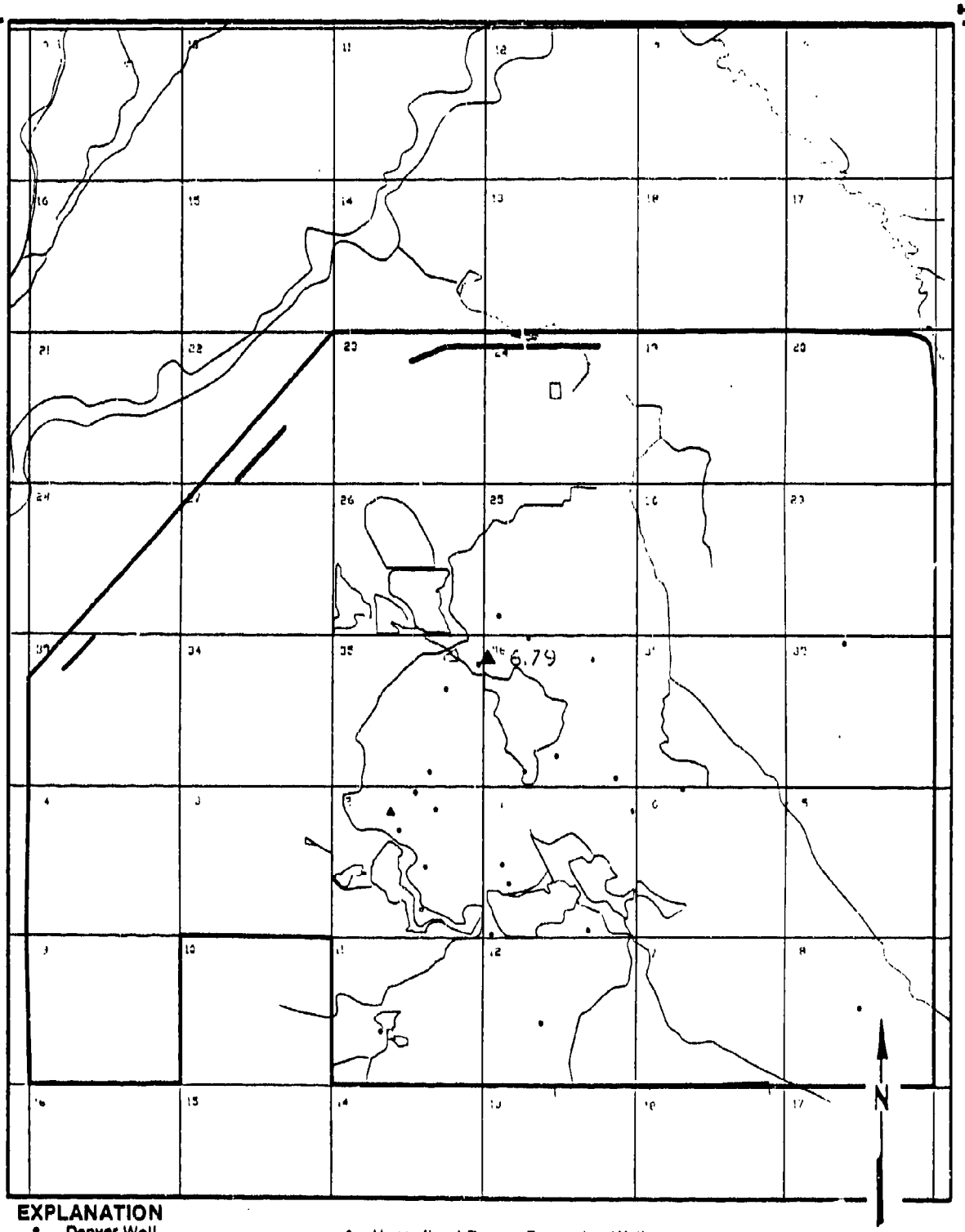


Figure D-57
BENZOTHIAZOLE DETECTIONS DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

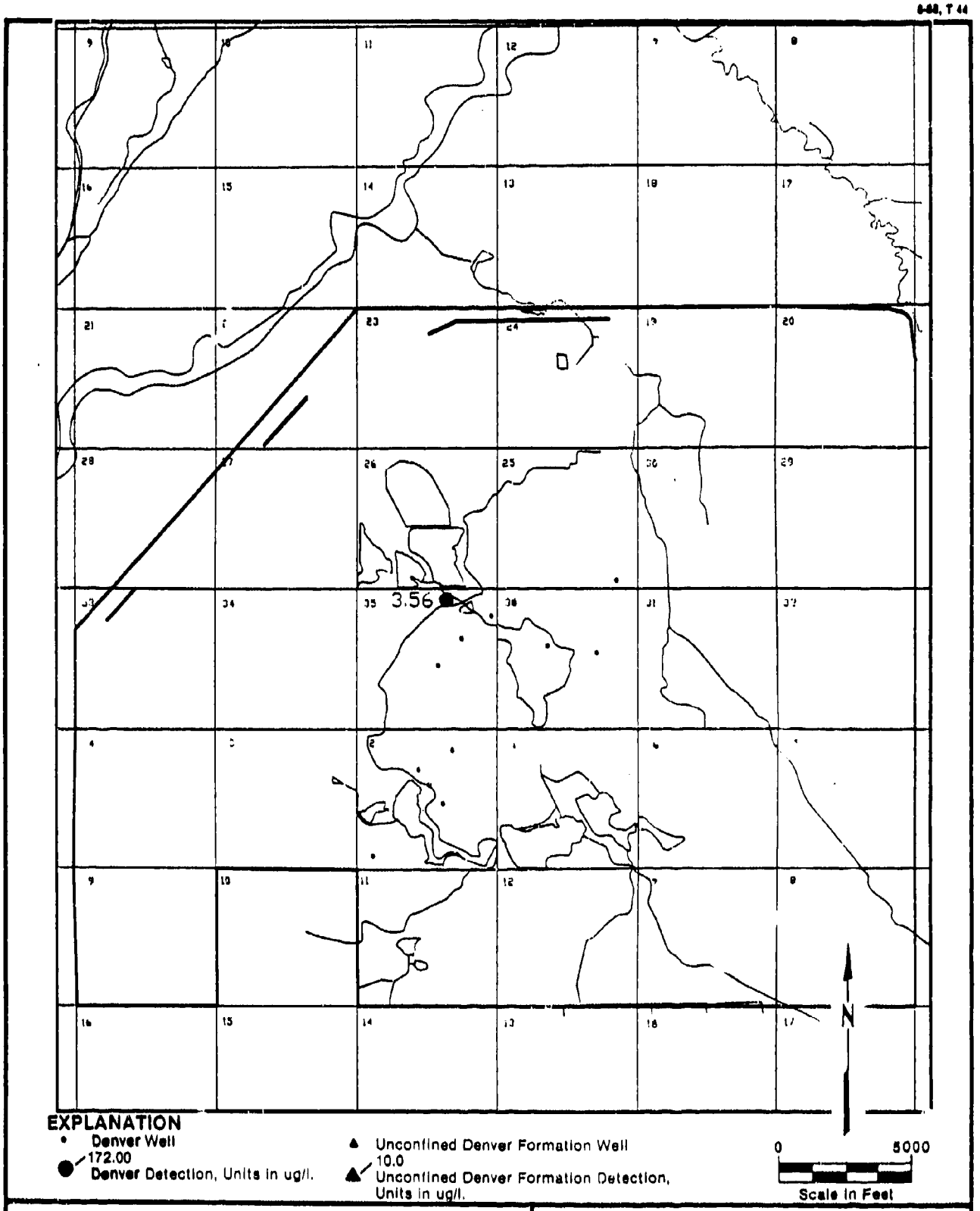


Figure D-58
BENZOTHIAZOLE DETECTIONS DENVER ZONE 1U 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

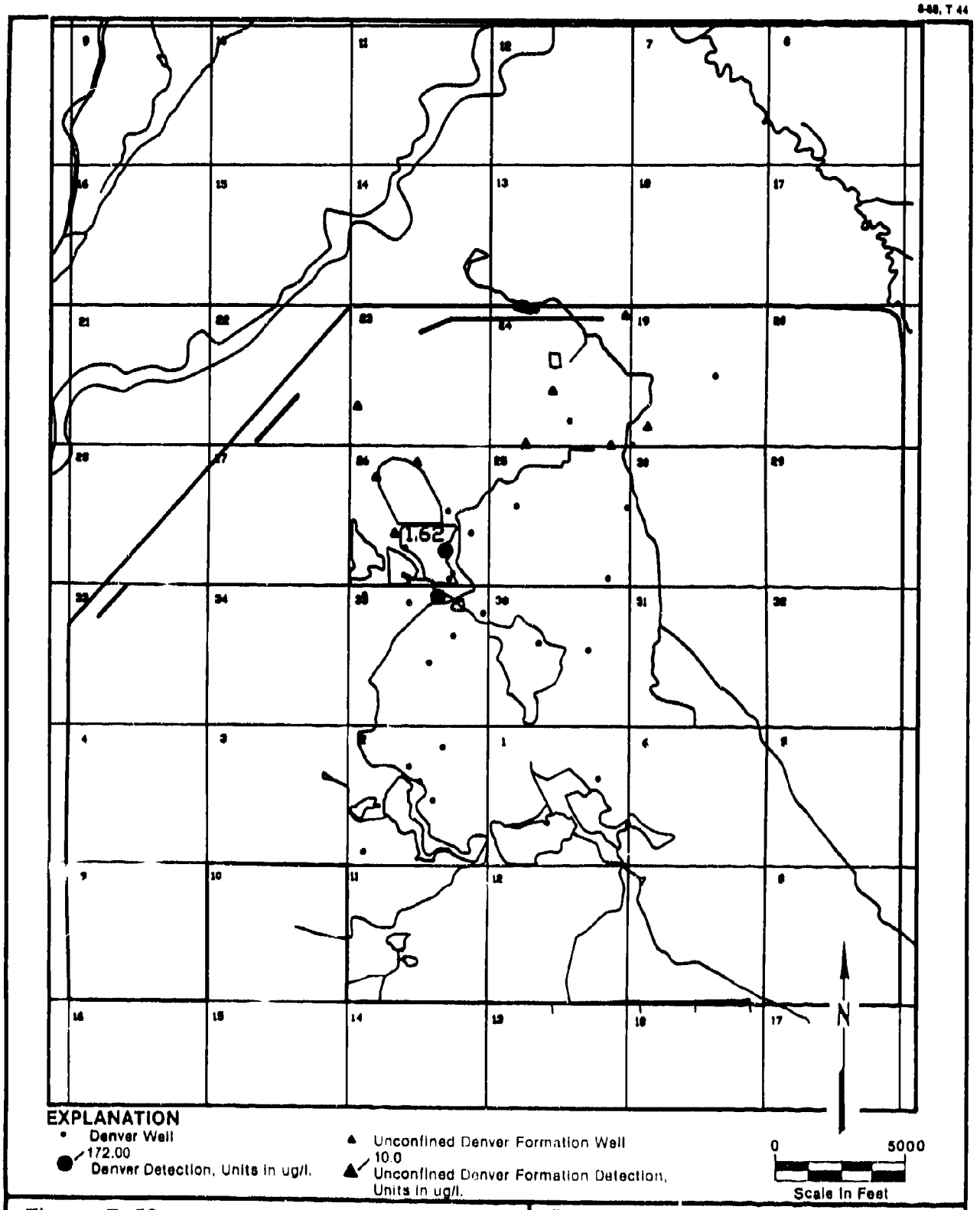


Figure D-59

BENZOTHIAZOLE DETECTIONS DENVER ZONE 1 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

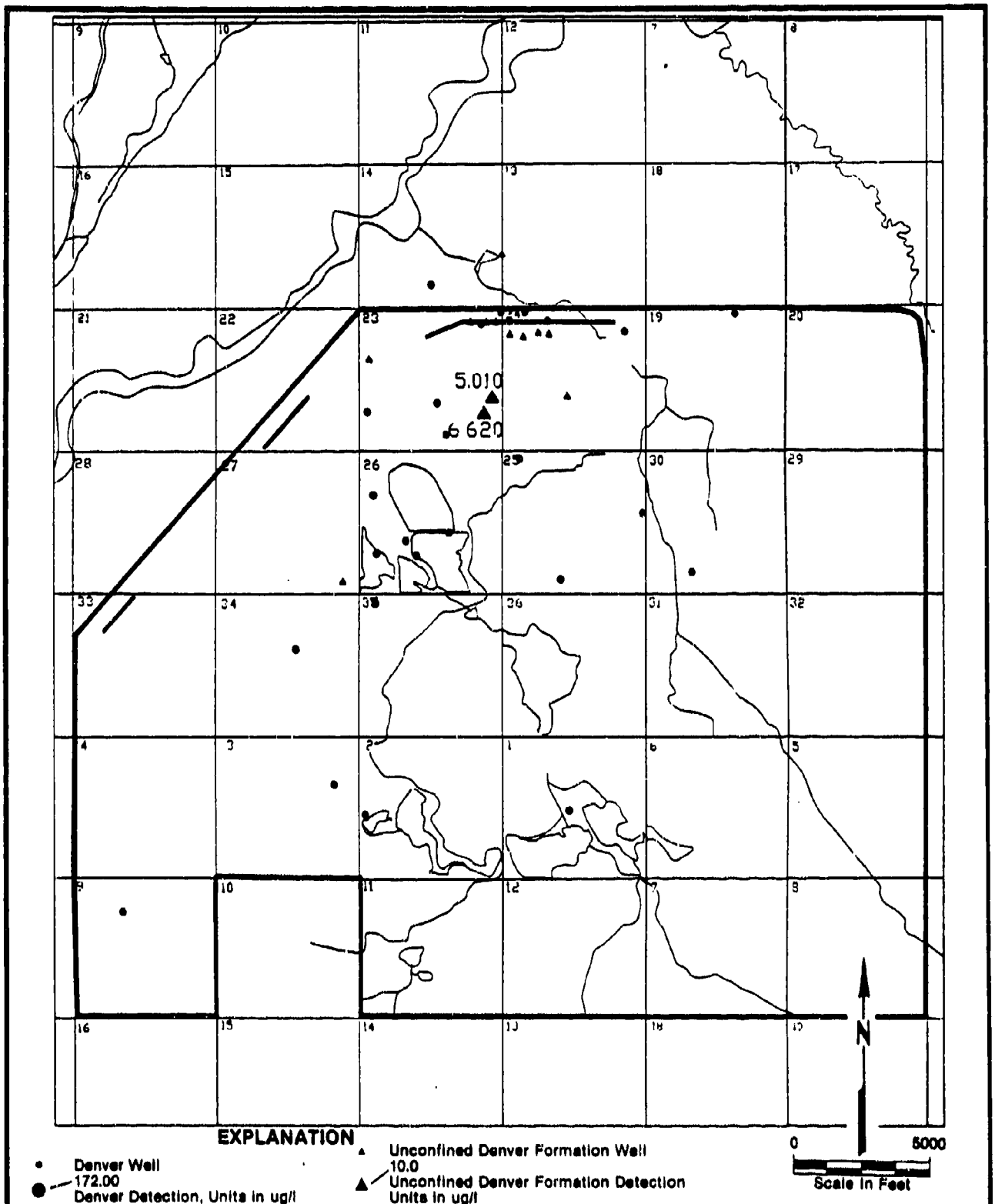


Figure D-60

BENZOTHIAZOLE DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

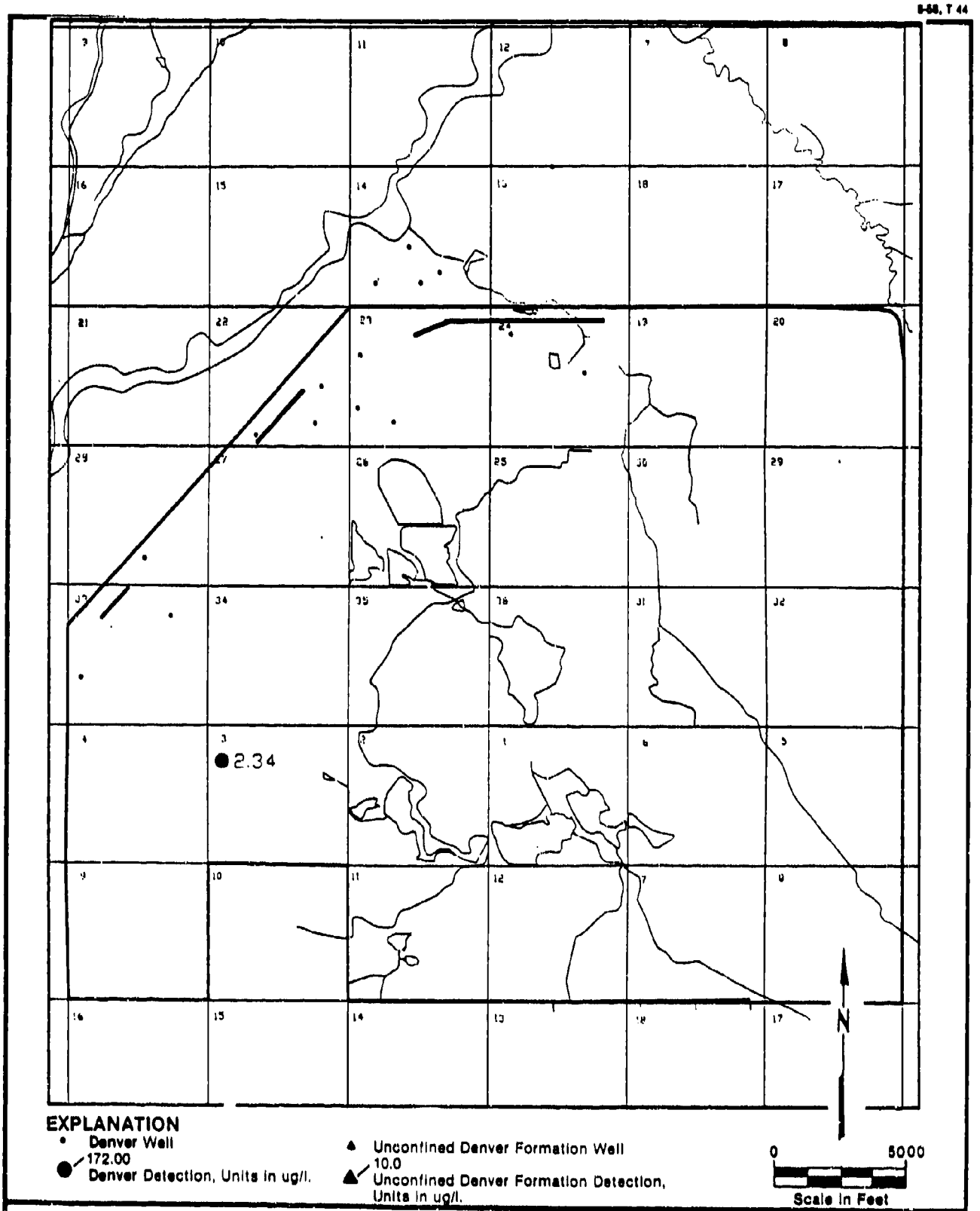


Figure D-61
BENZOTHIAZOLE DETECTIONS DENVER ZONE 4 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

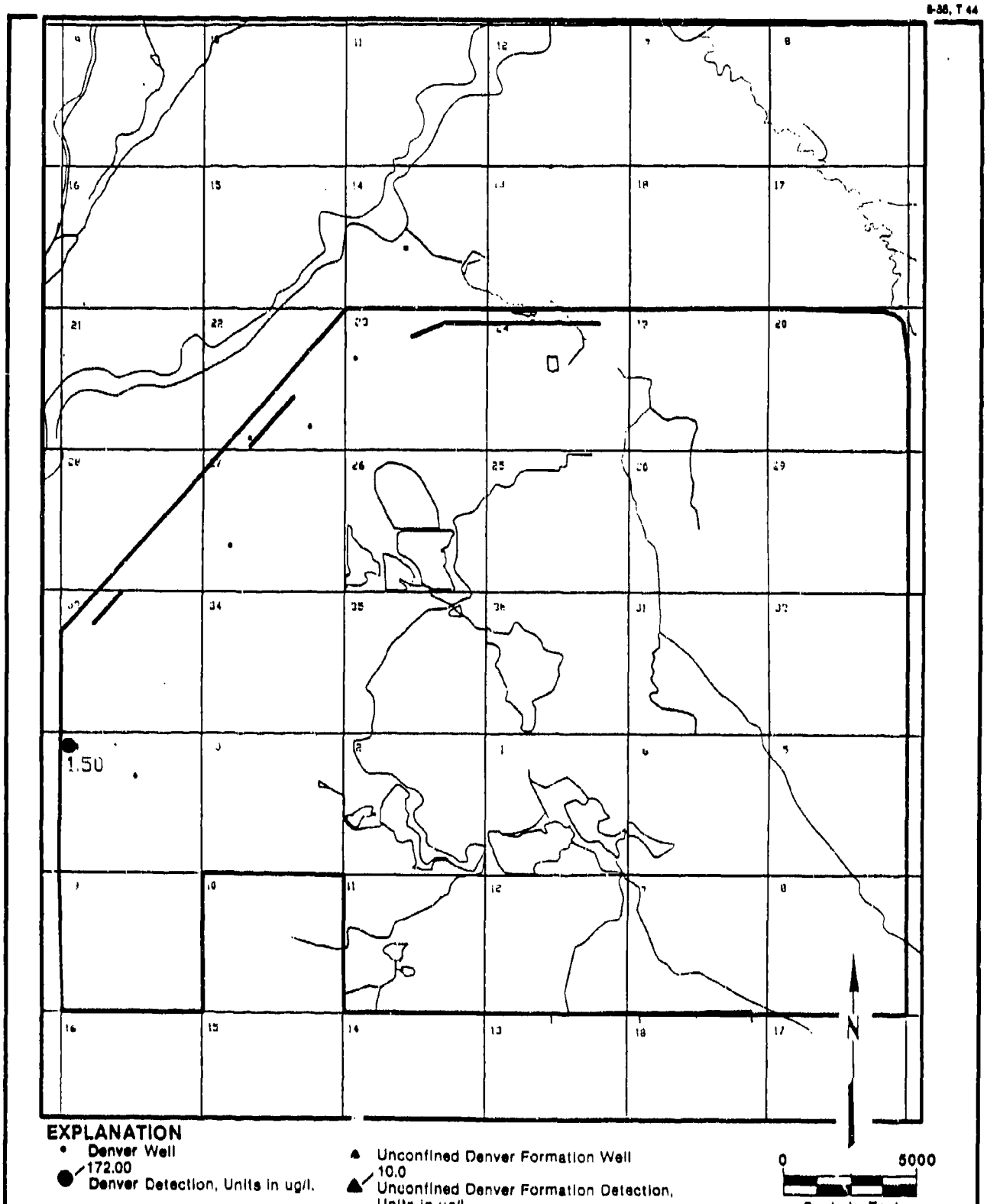


Figure D-62
BENZOTHIAZOLE DETECTIONS DENVER ZONE 5 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

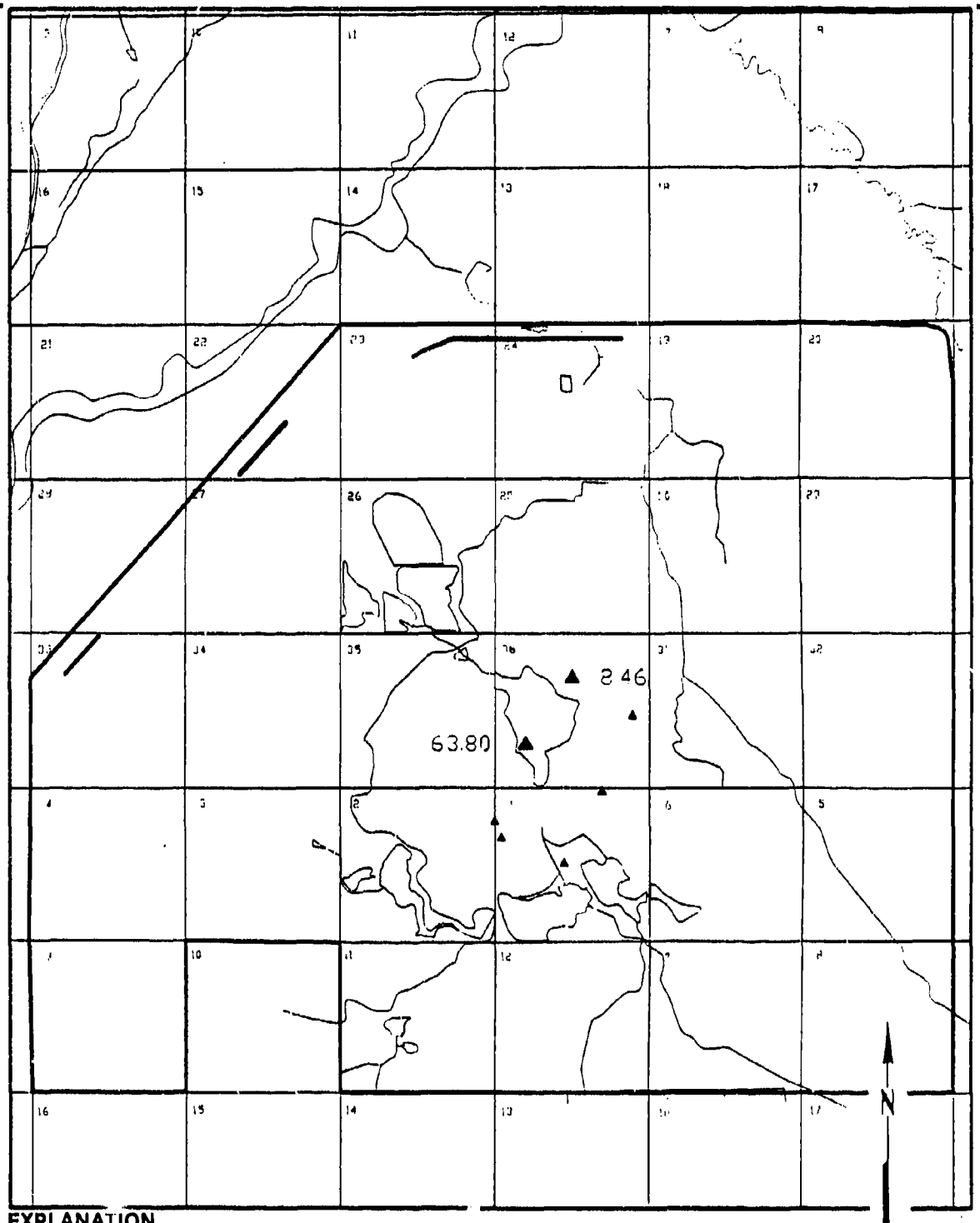


Figure D-63
CPMS DETECTIONS DENVER ZONE VC/VCE
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

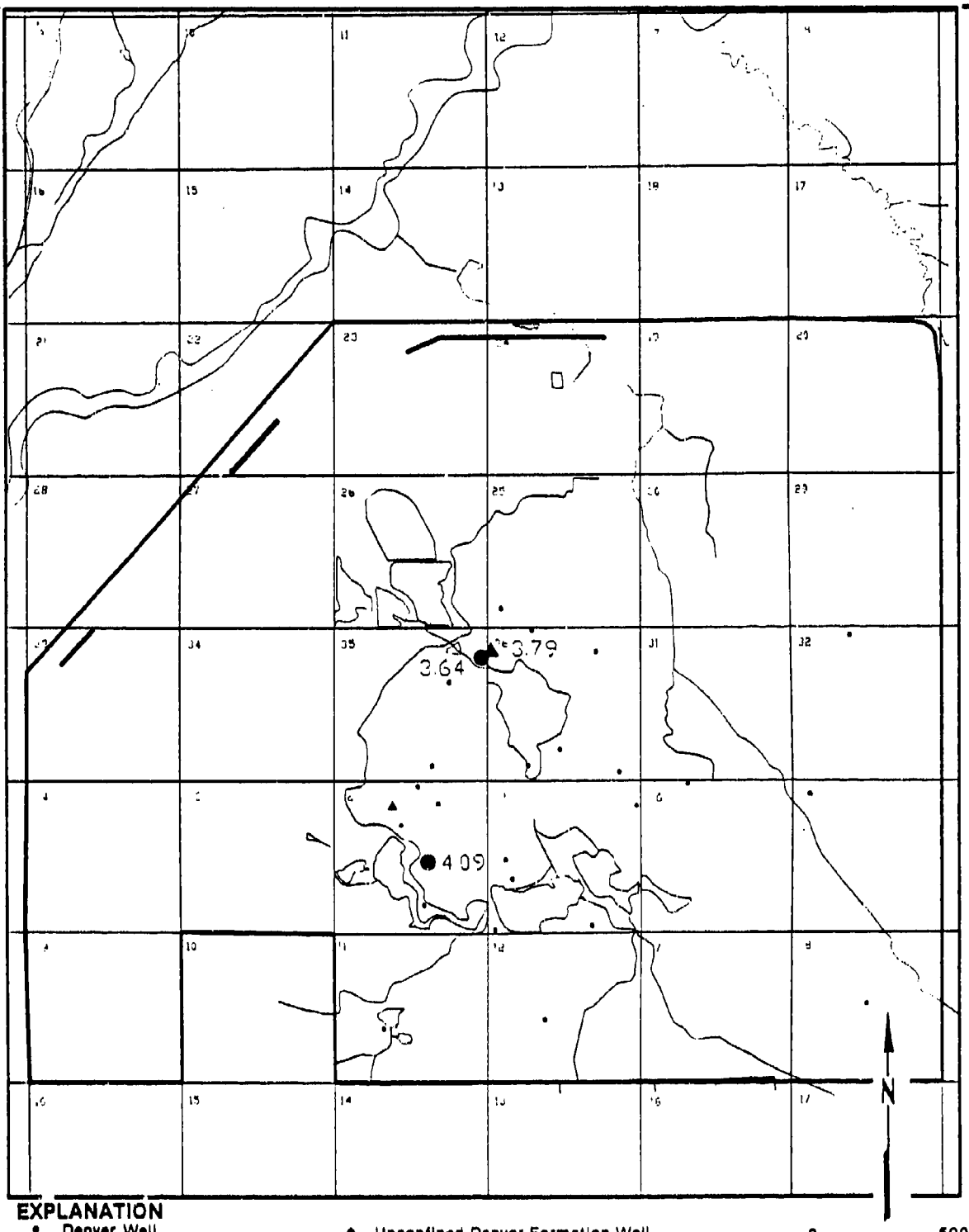


Figure D-64

CPMS DETECTIONS DENVER ZONE A
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

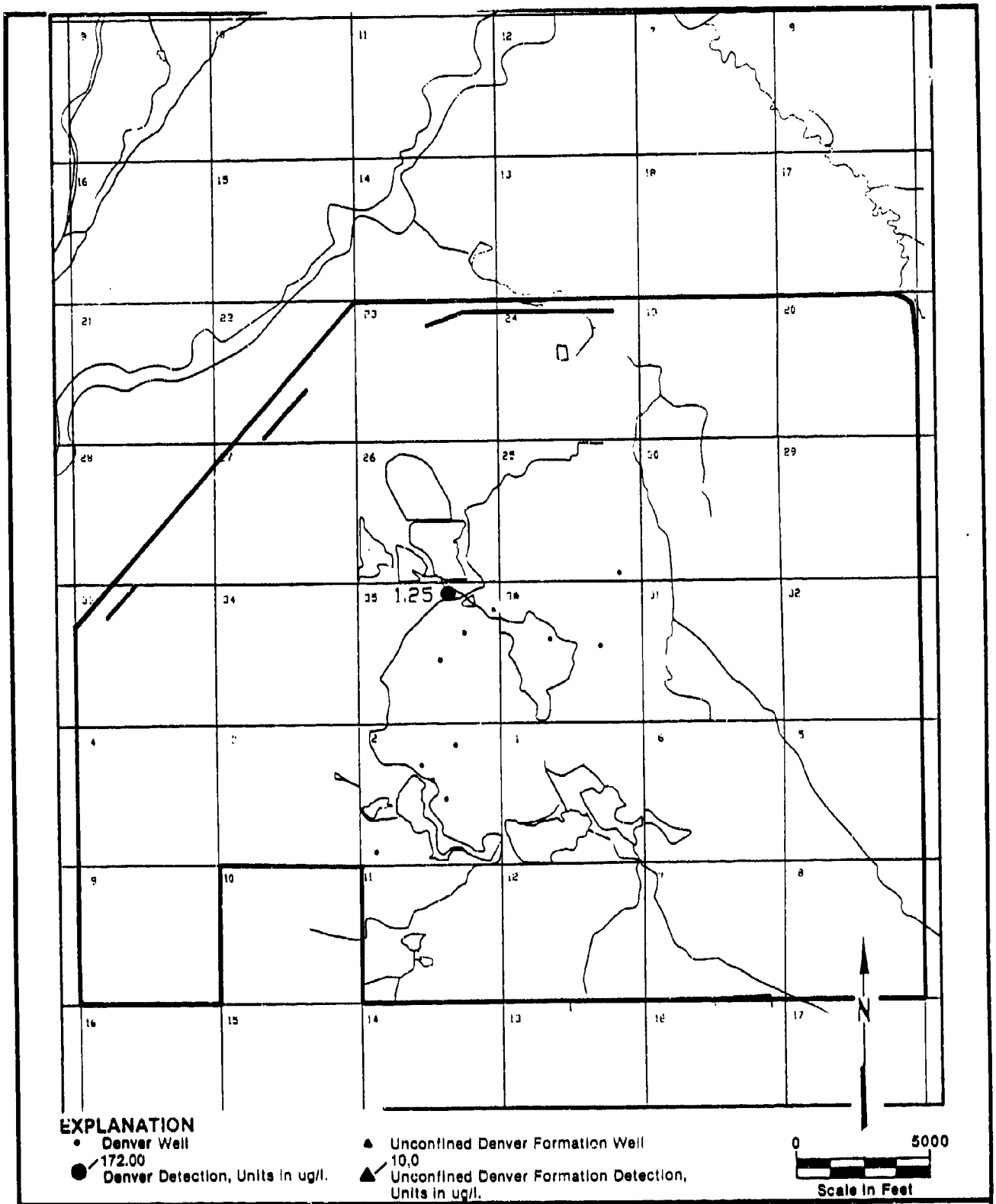


Figure D-65
CPMS DETECTIONS DENVER ZONE 1U
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

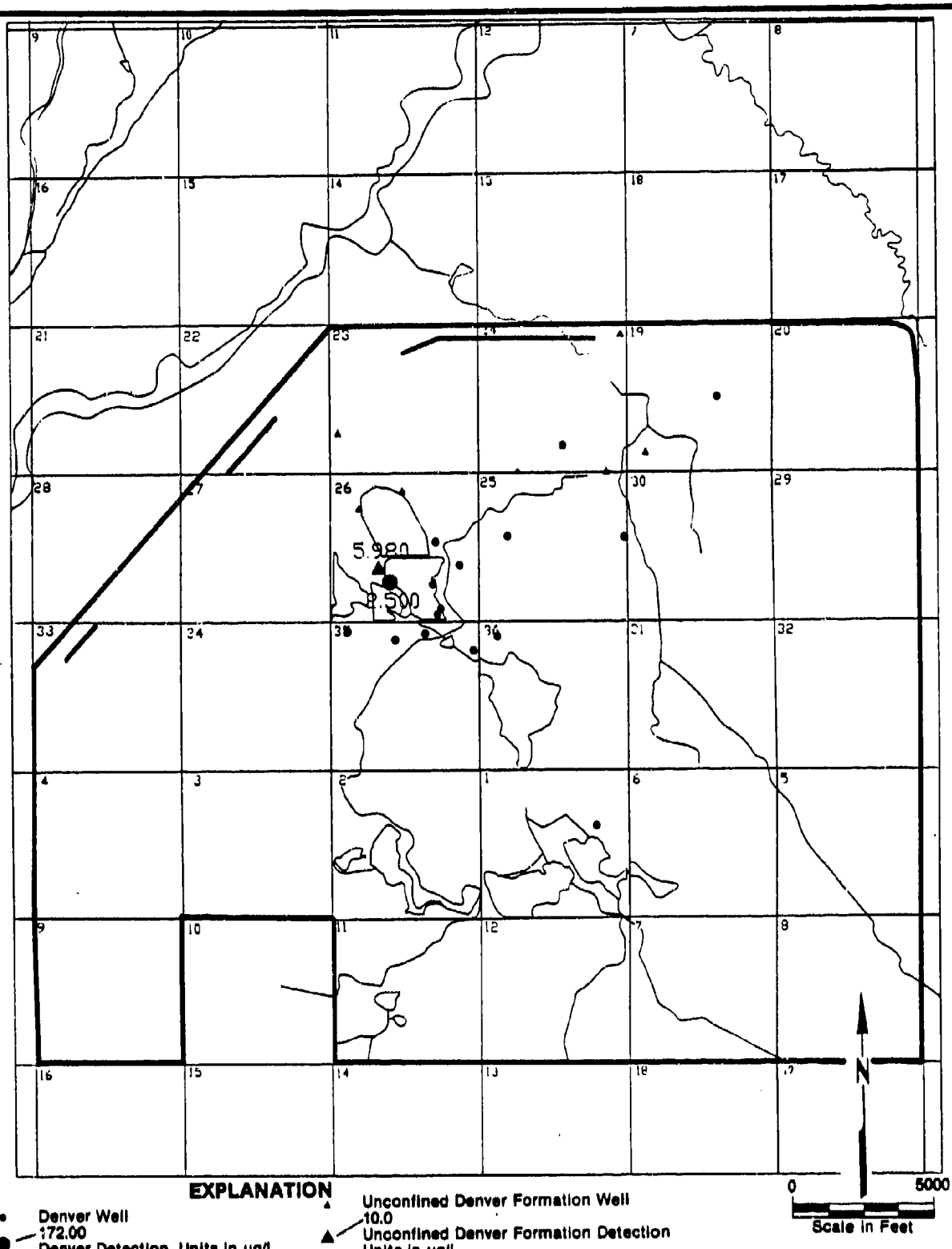
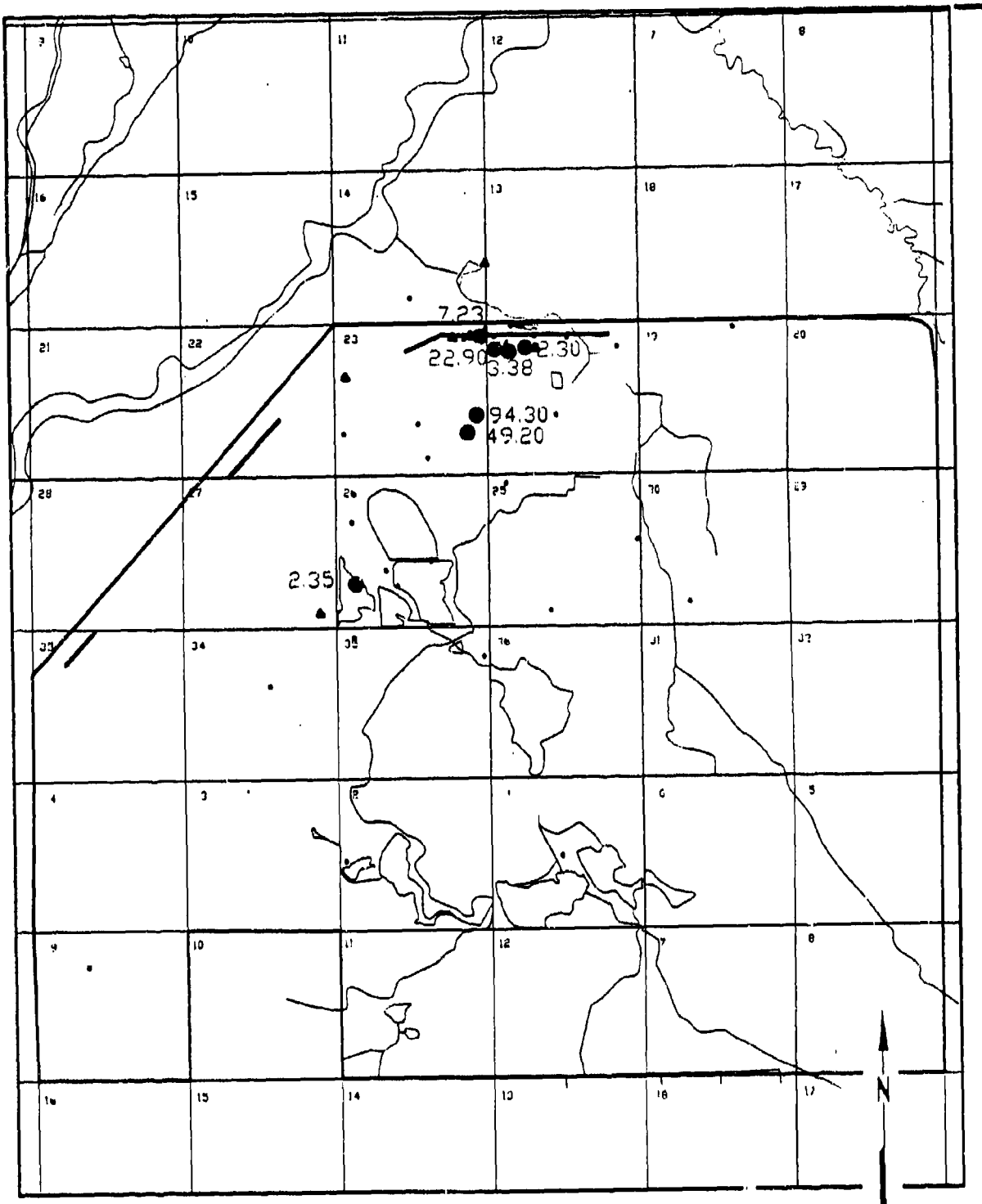


Figure D-66

CPMS DETECTIONS DENVER ZONE 1,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



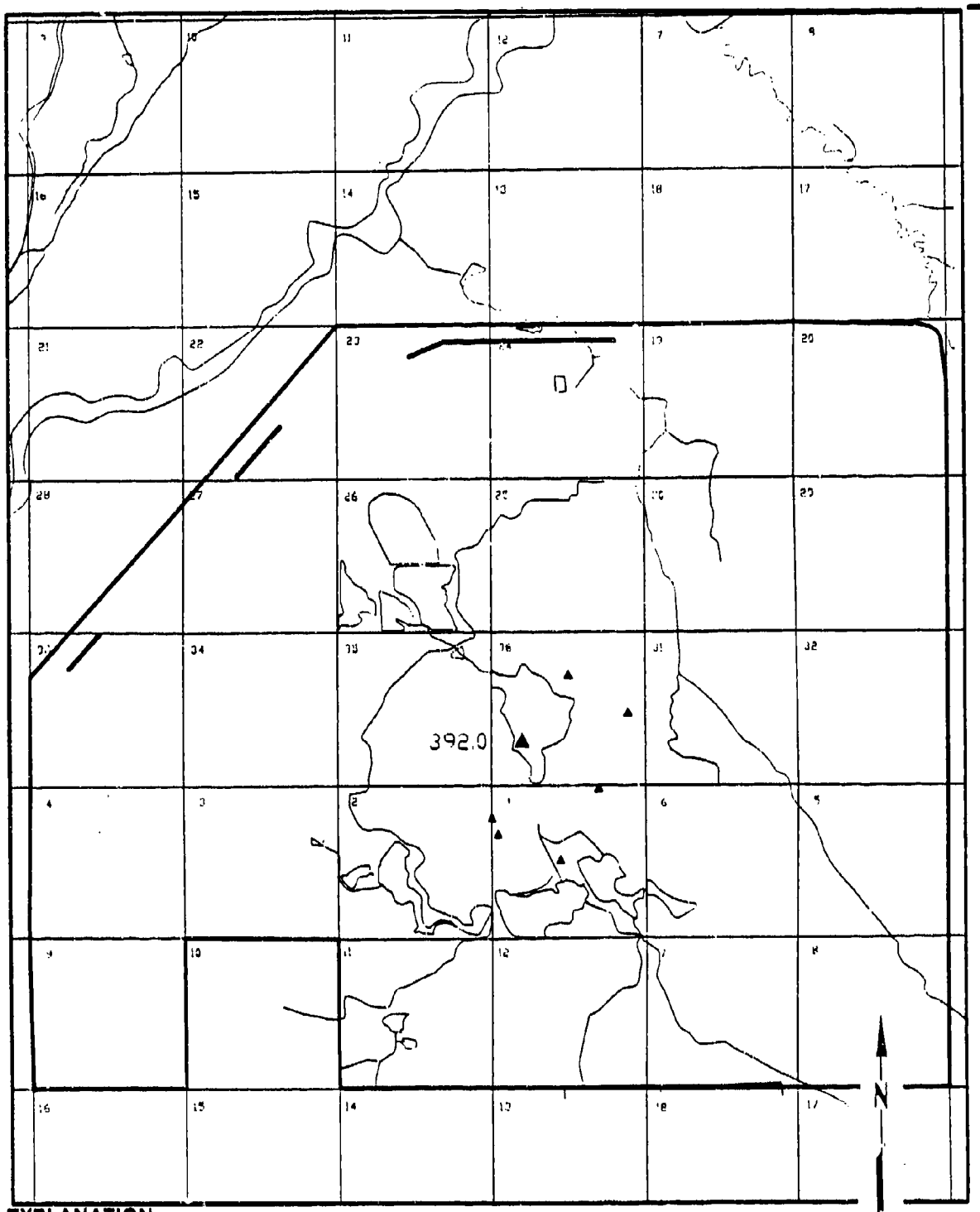
EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-67
CPMS DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

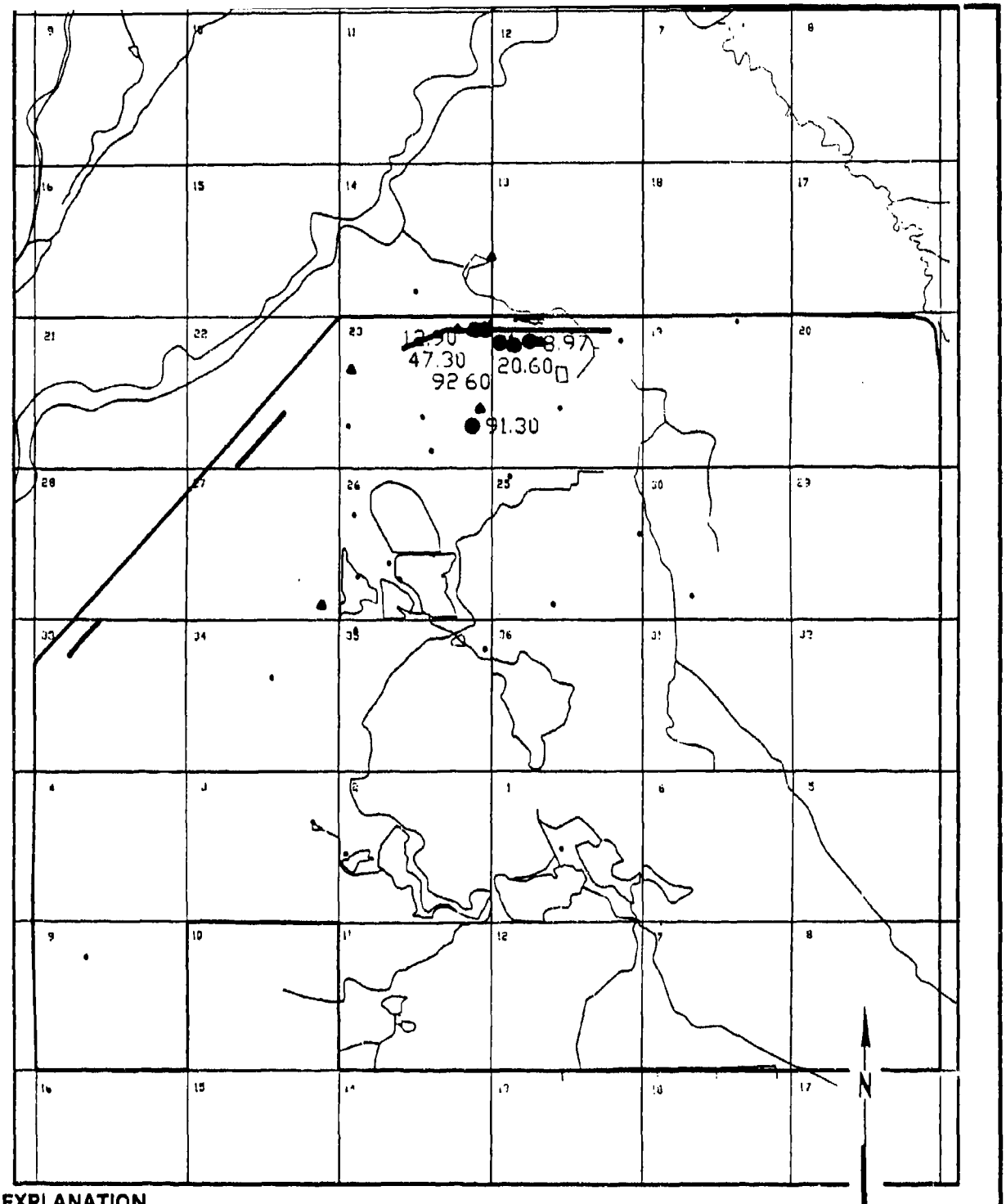
- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-68
CPMSO DETECTIONS DENVER ZONE VC/VCE
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

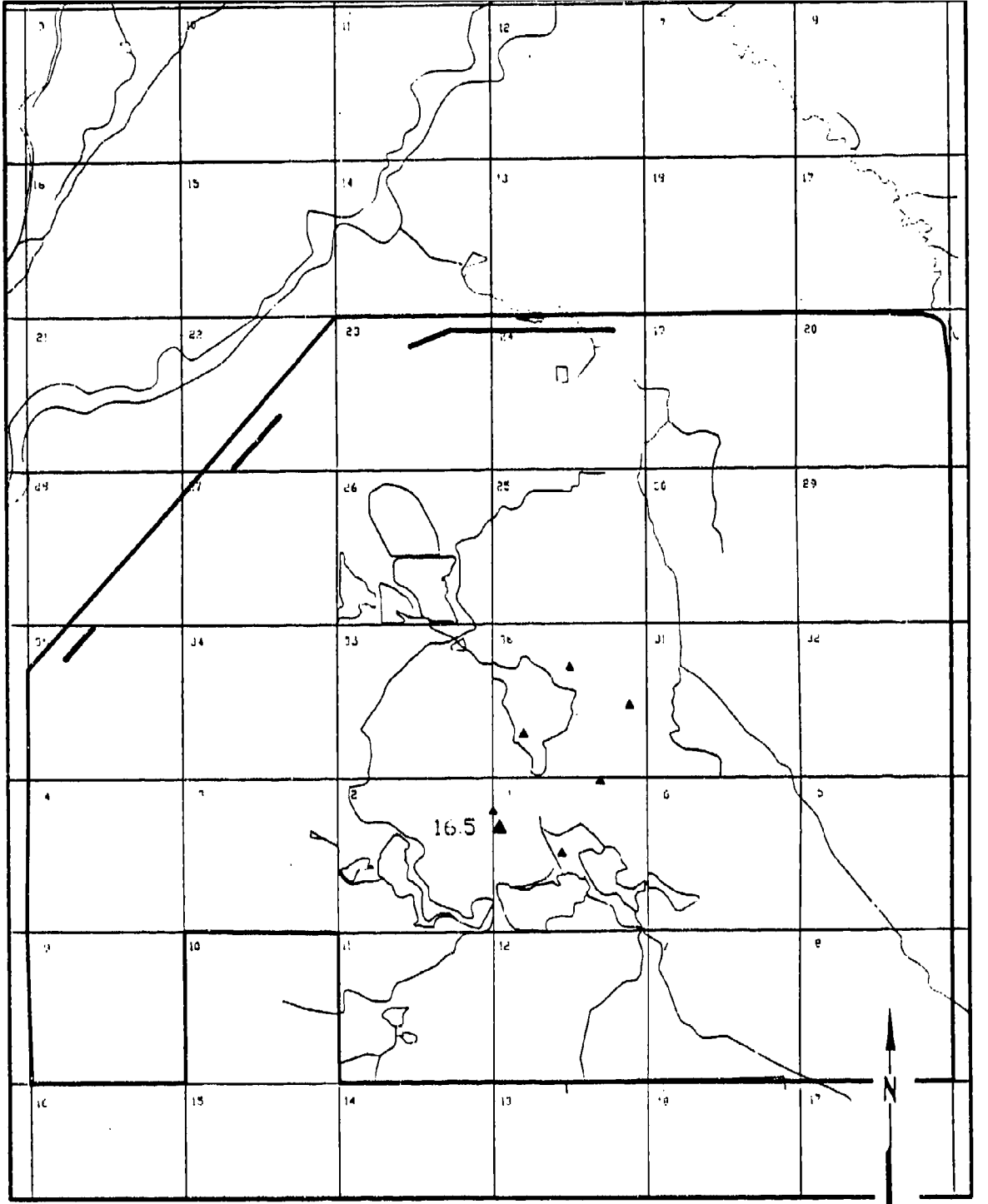
Figure D-69

CPMSO DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-70
CPMSO$_2$ DETECTIONS DENVER ZONE VC/VCE
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

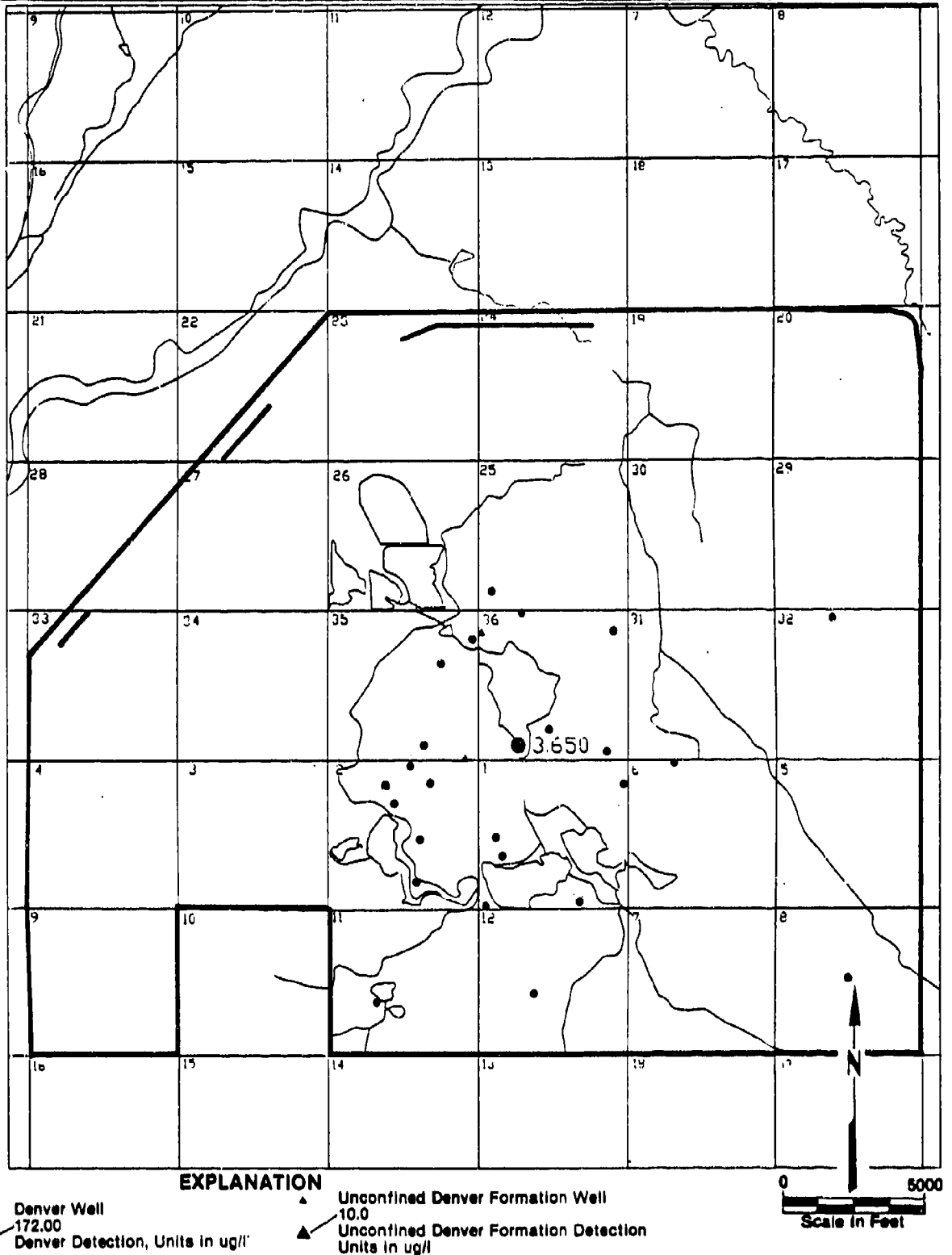
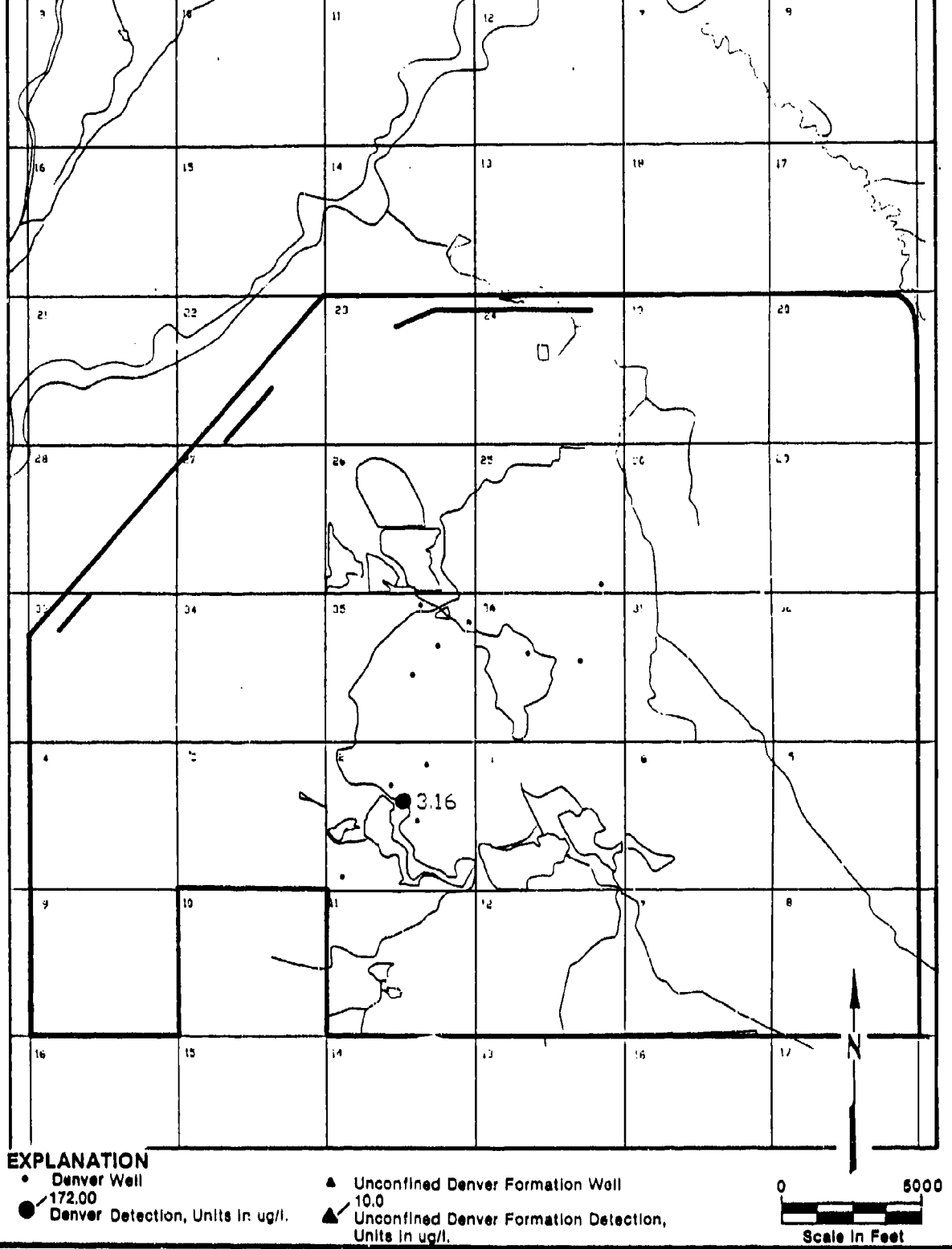


Figure D-71

CPMSO$_2$ DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-72

$CPMSO_2$ DETECTIONS DENVER ZONE 1U 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

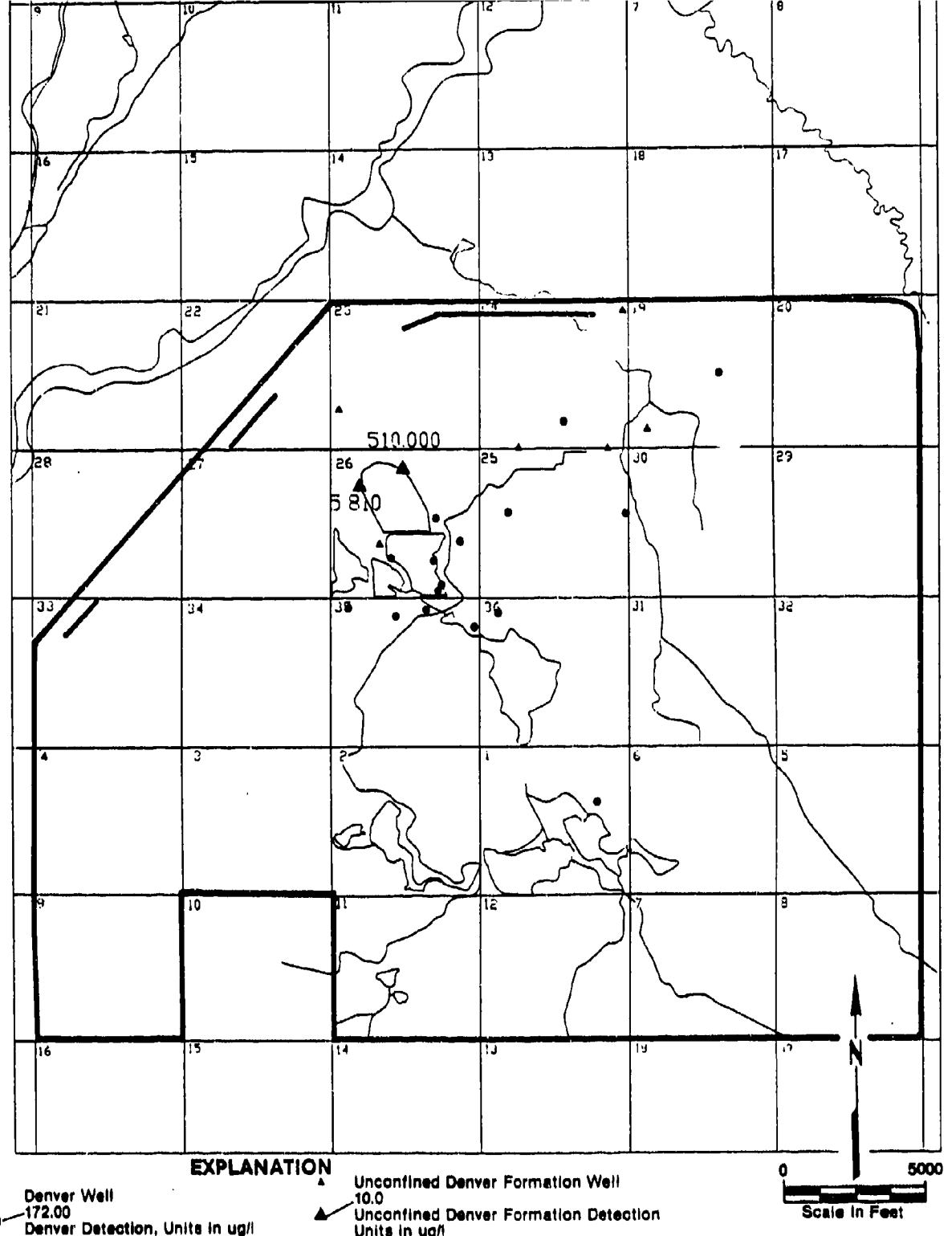
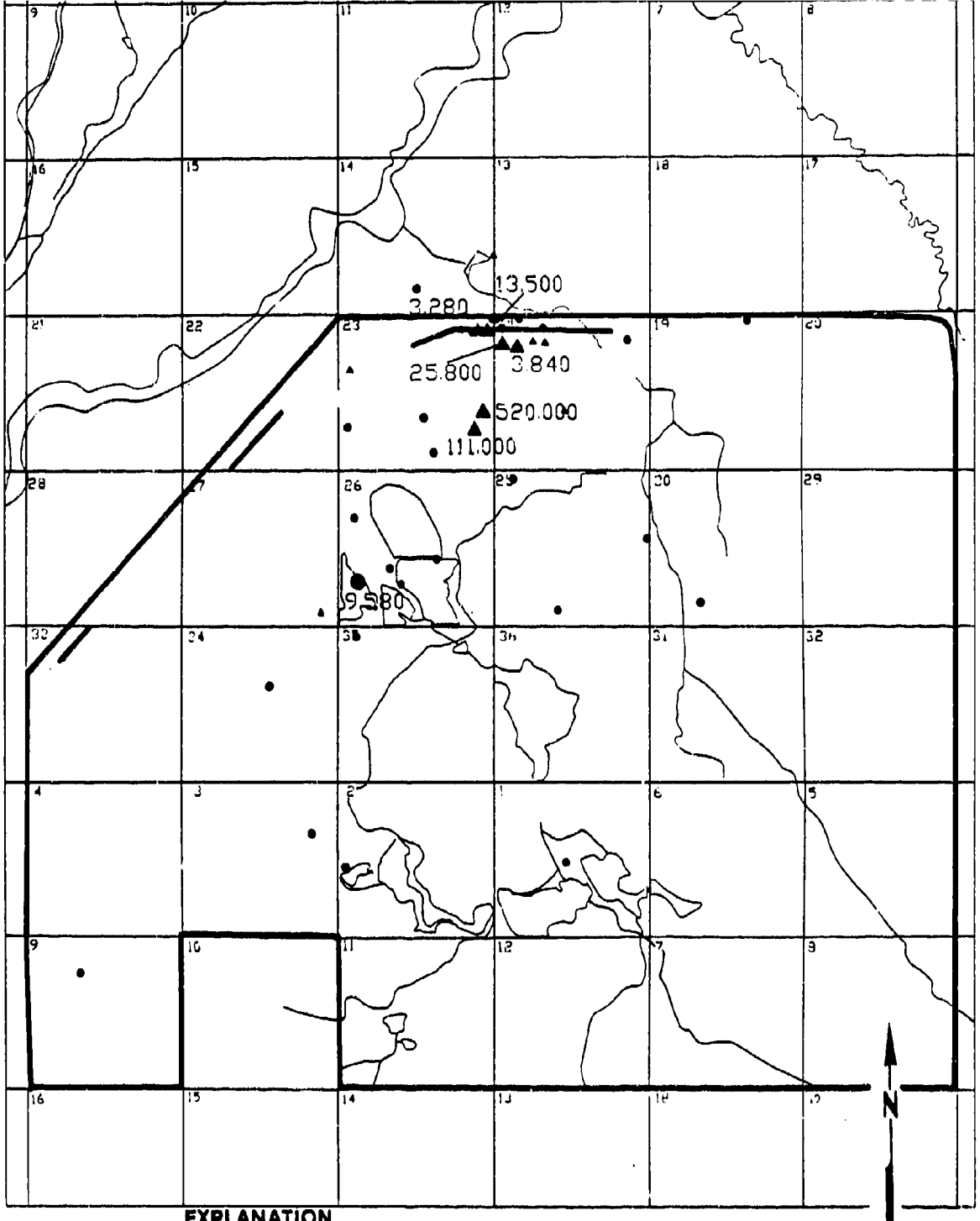


Figure D-73

CPMSO$_2$ DETECTIONS DENVER ZONE 1,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-74

CPMSO$_2$ DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

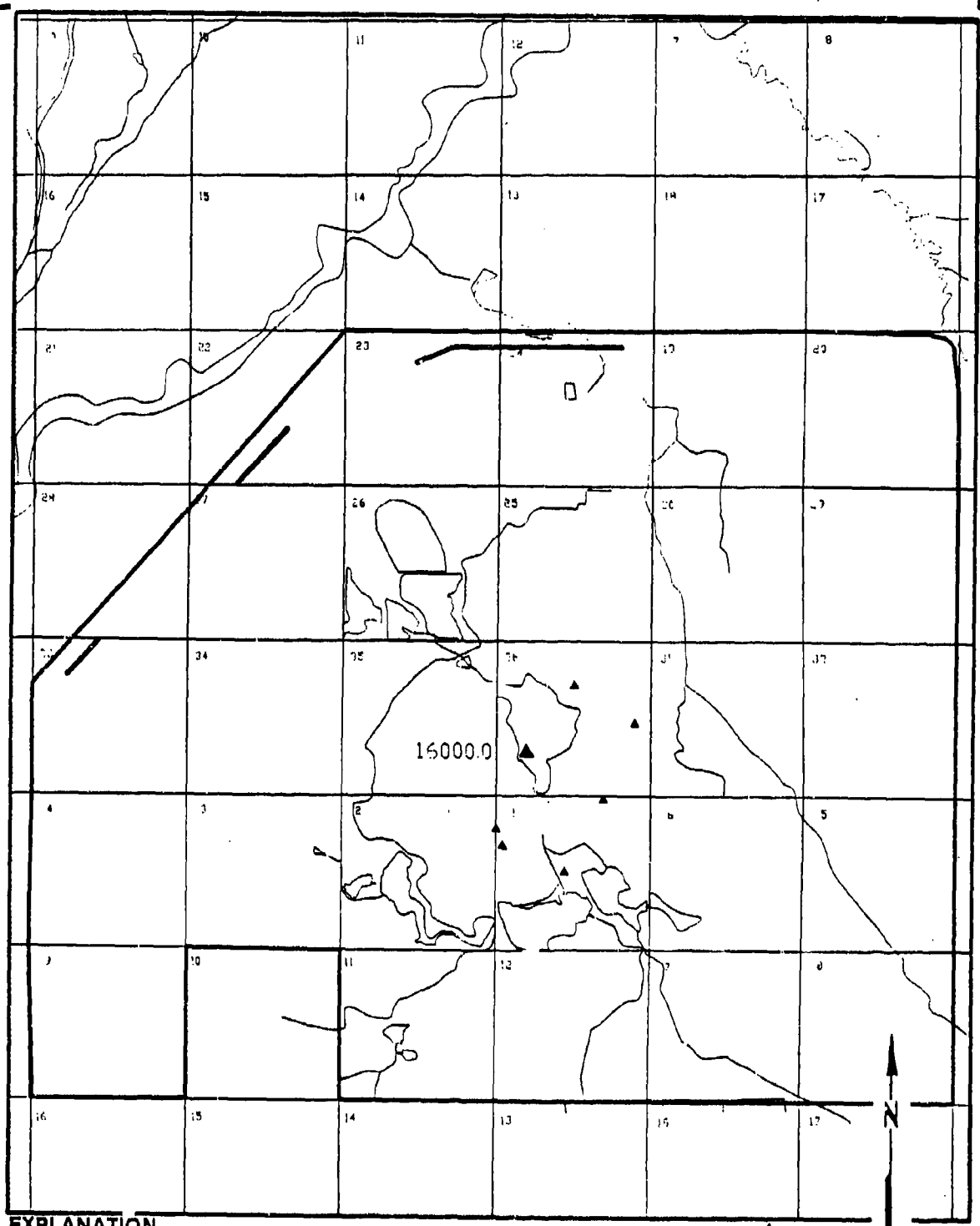


Figure D-75
BENZENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

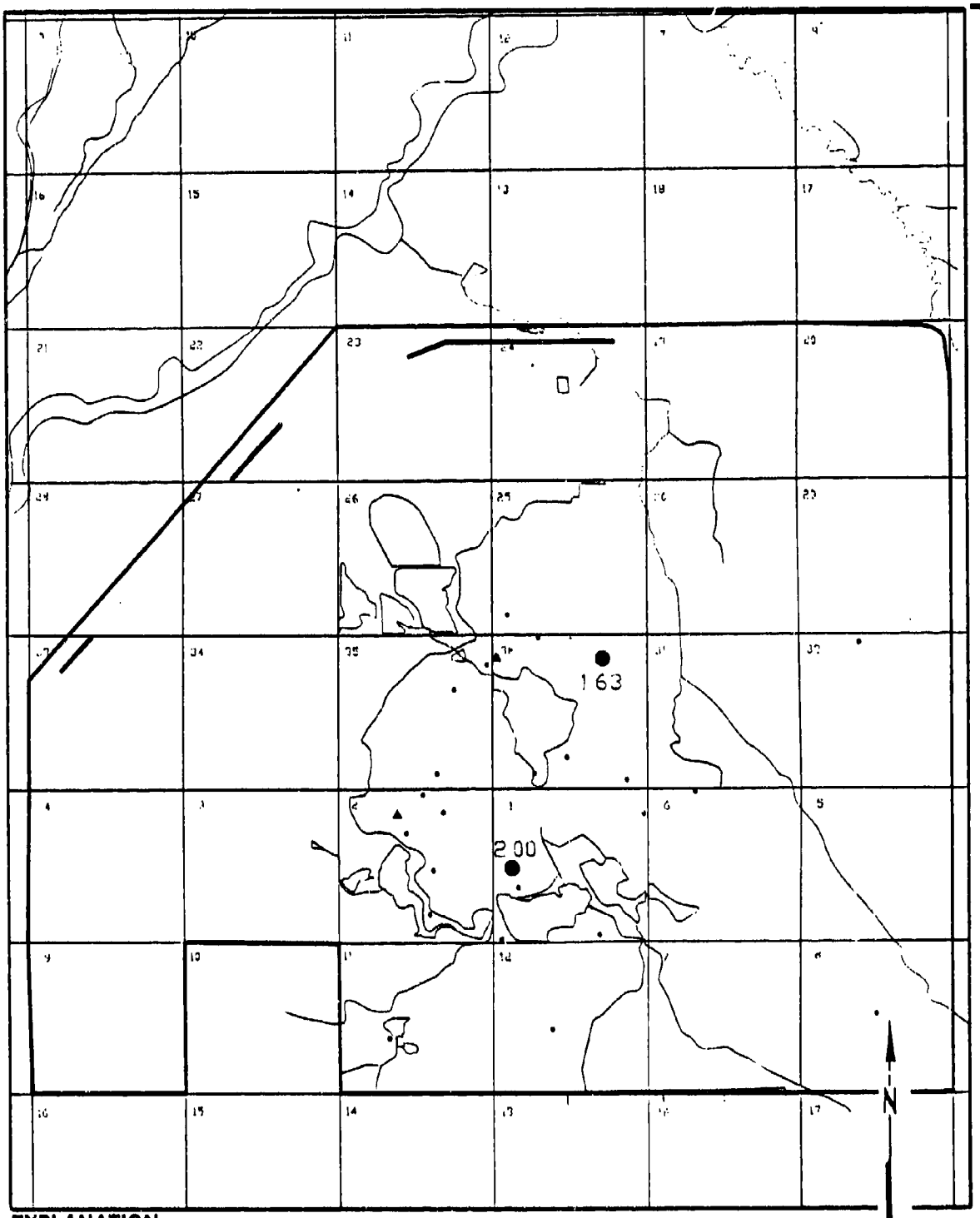
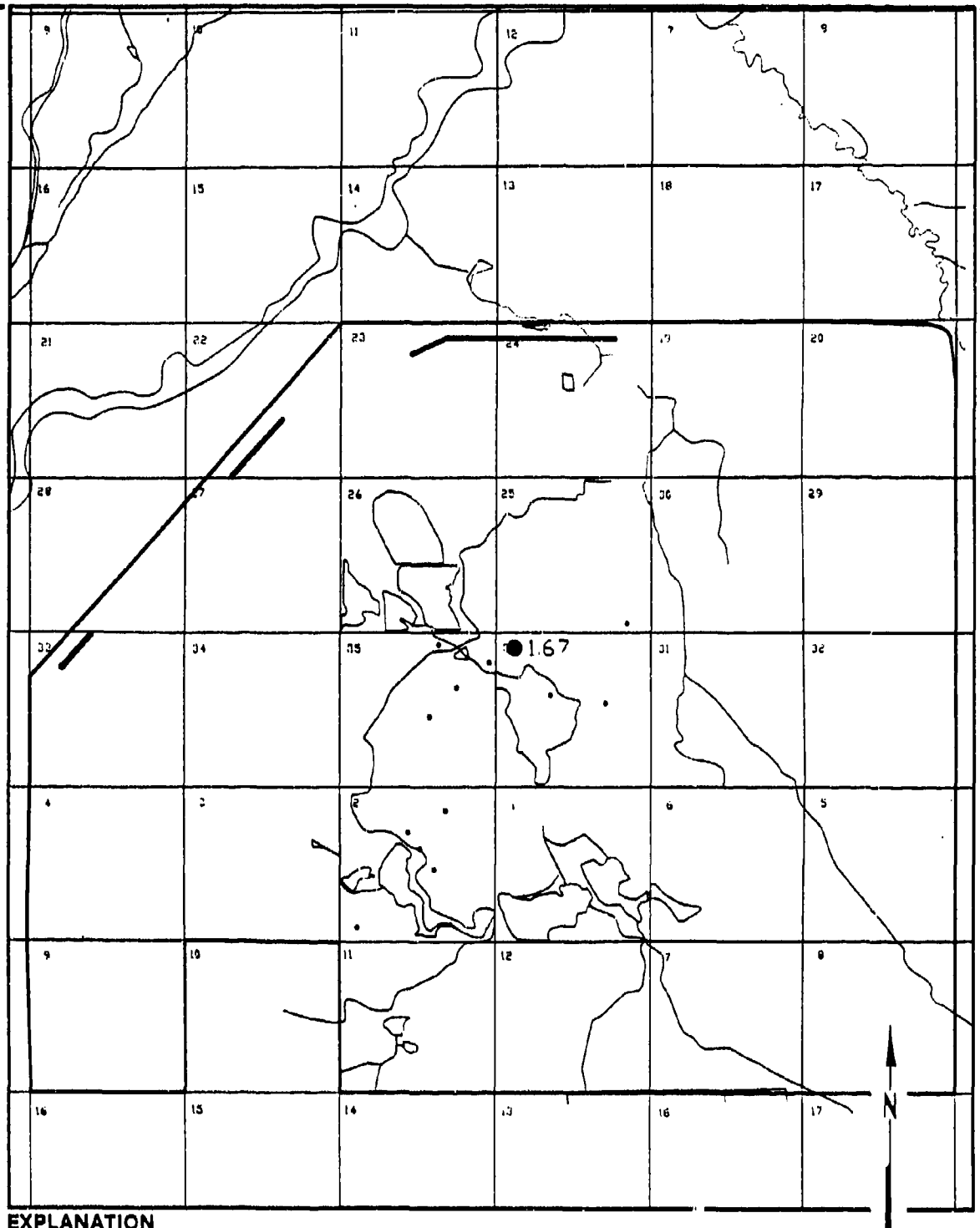


Figure D-76
BENZENE DETECTIONS DENVER ZONE A 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-77
BENZENE DETECTIONS DENVER ZONE 1U
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

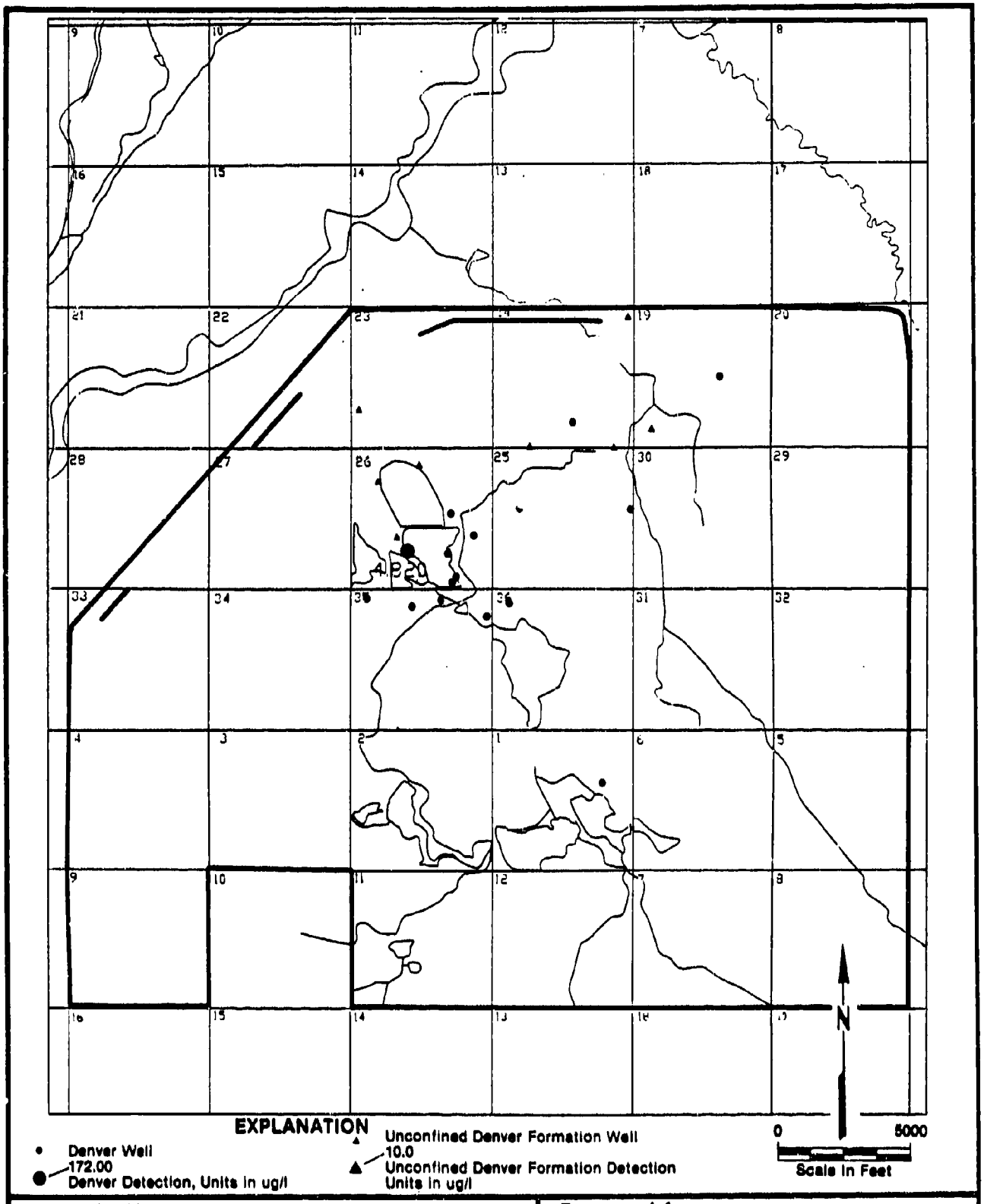


Figure D-78

BENZENE DETECTIONS DENVER ZONE 1, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

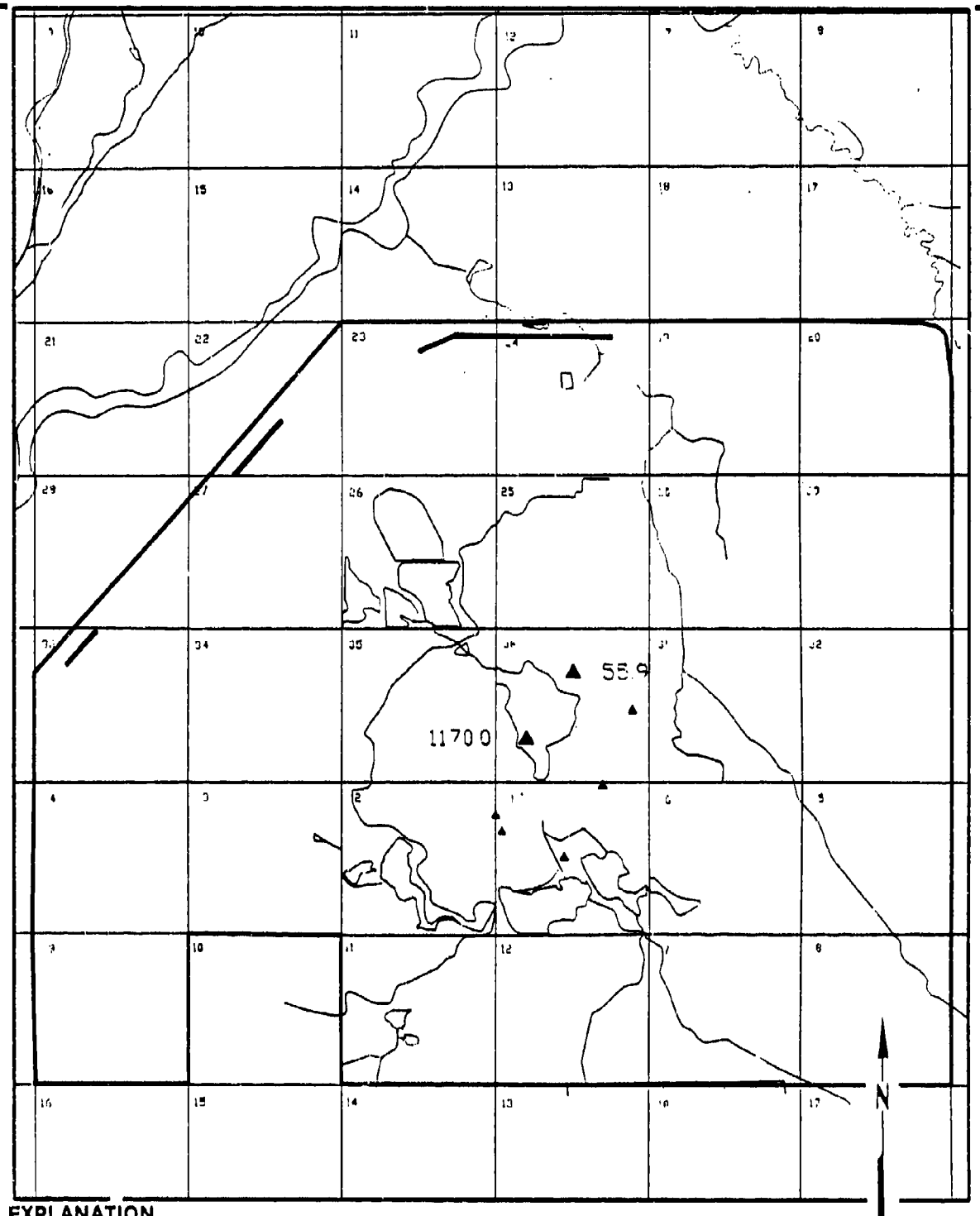


Figure D-79

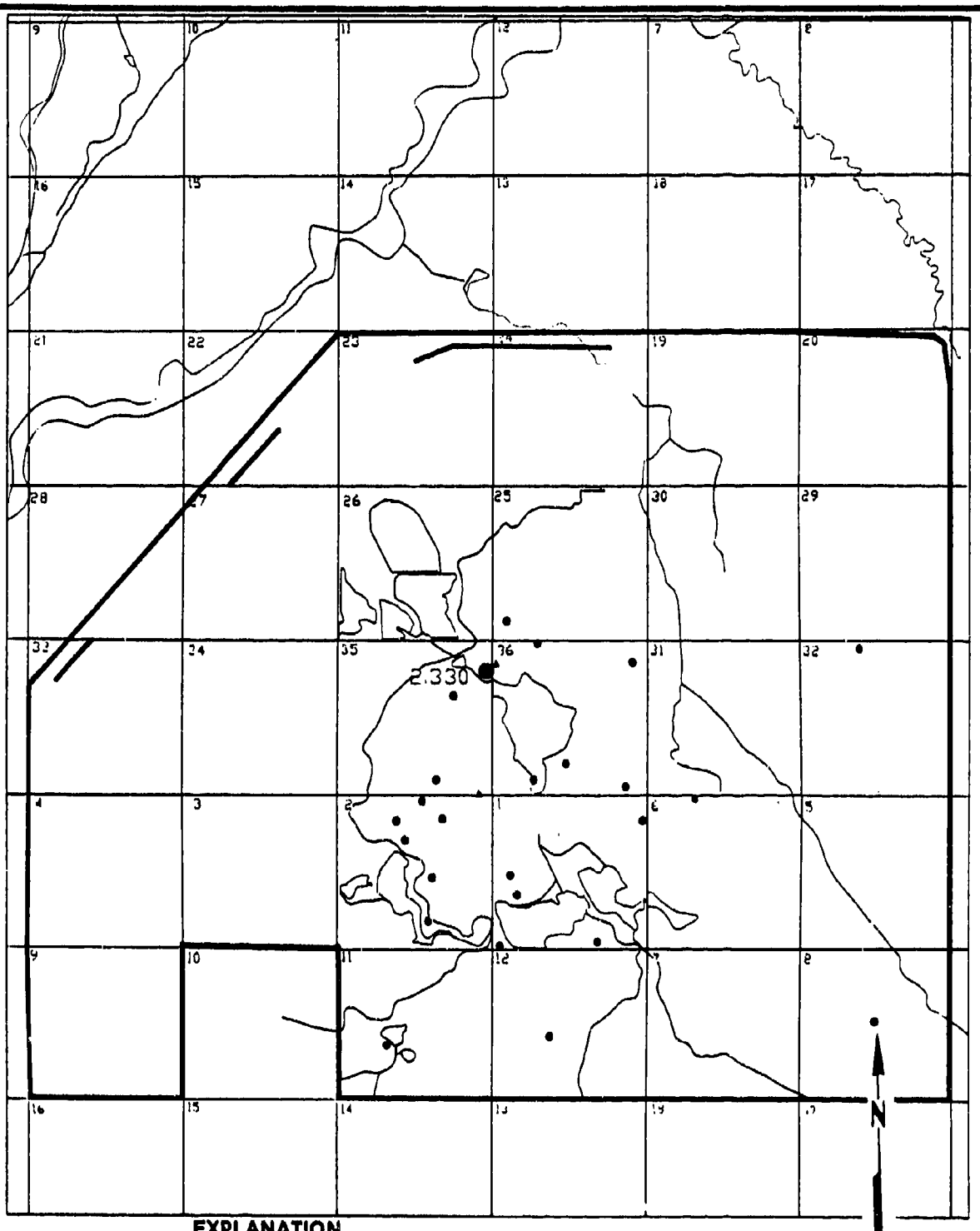
CHLOROBENZENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:

U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-80

CHLOROBENZENE DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

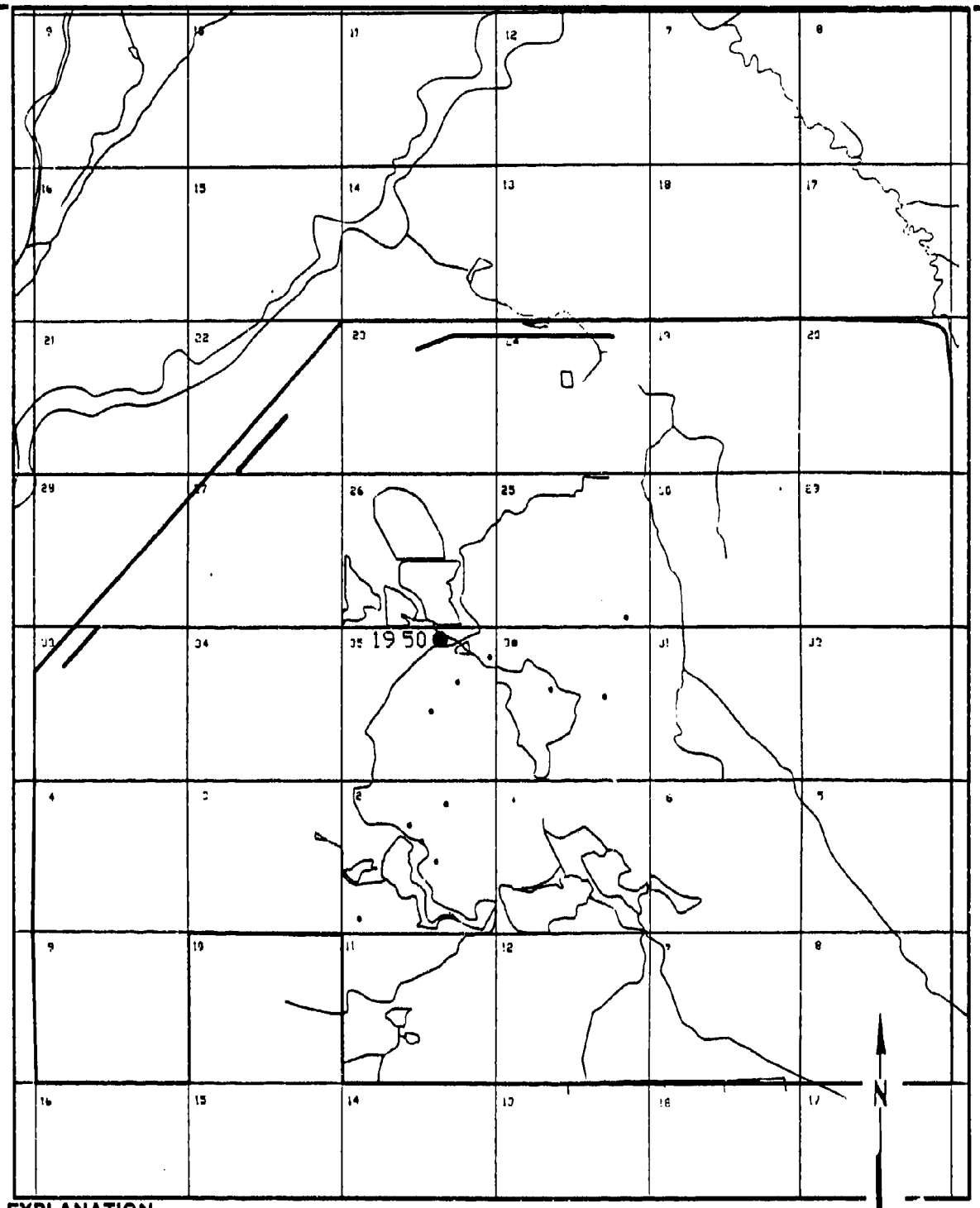


Figure D-81.
CHLOROBENZENE DETECTIONS DENVER ZONE 1U 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

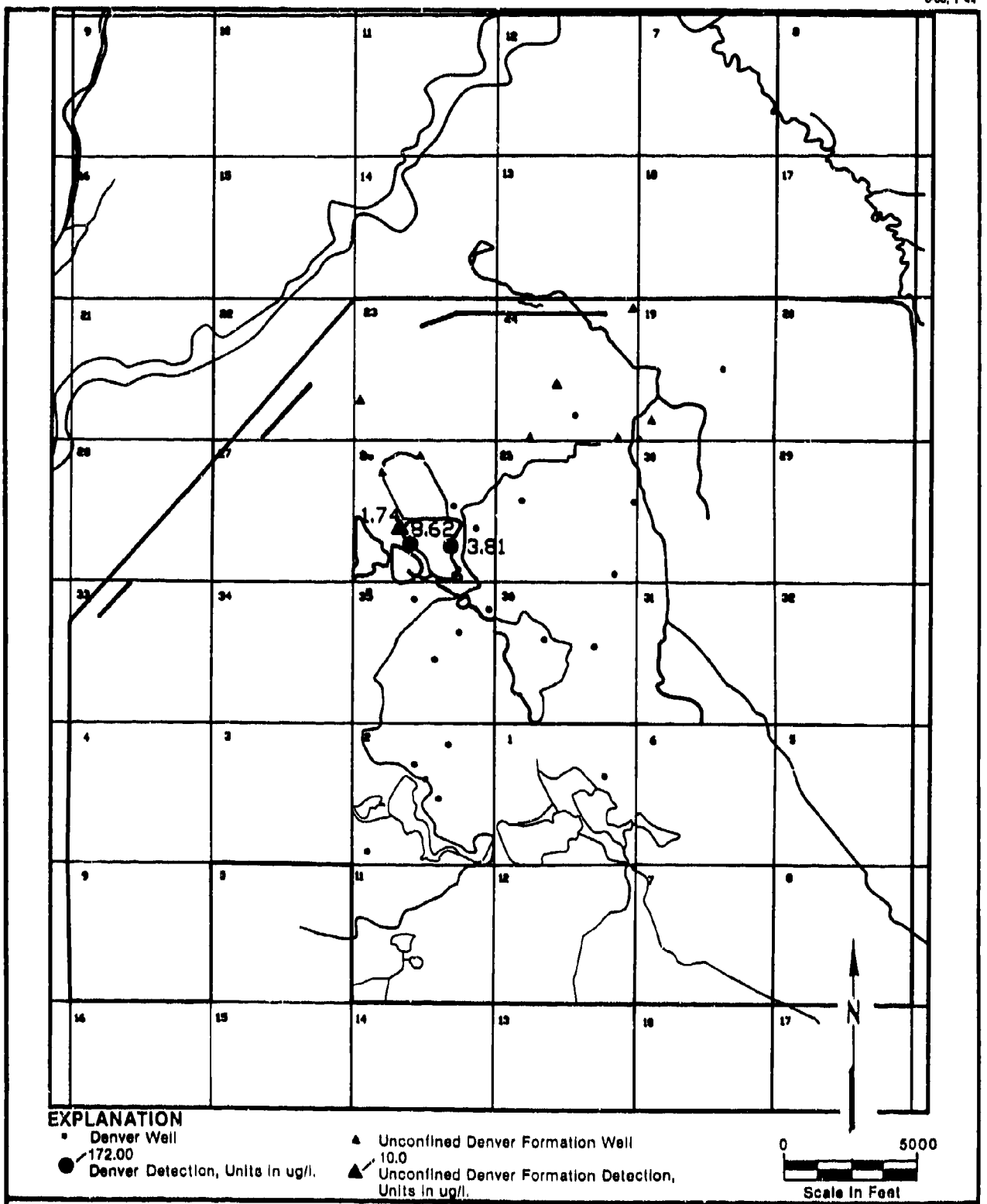


Figure D-82
CHLOROBENZENE DETECTIONS DENVER ZONE 1 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

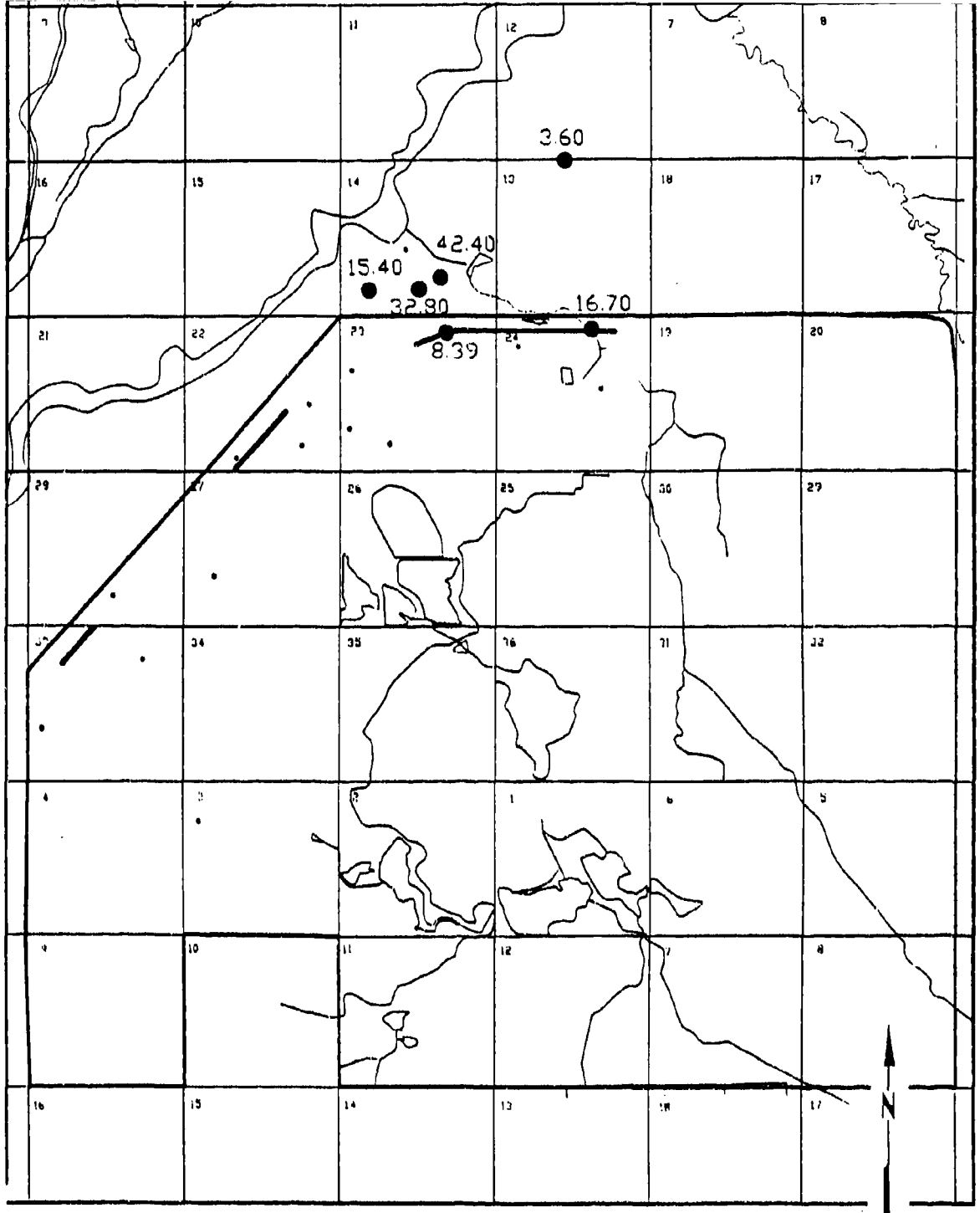


Figure D-83
CHLOROBENZENE DETECTIONS DENVER ZONE 4 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

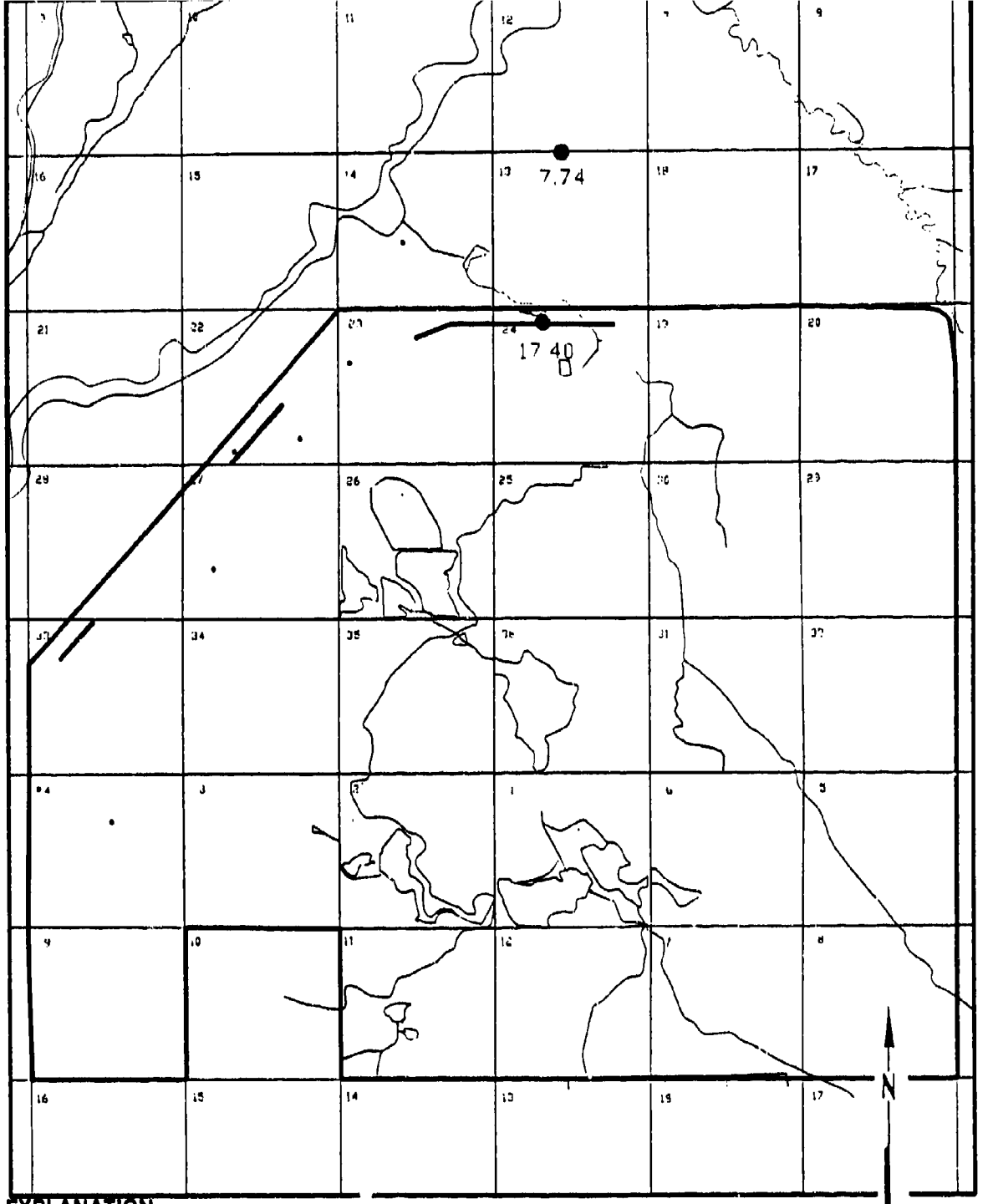


Figure D-84
CHLOROBENZENE DETECTIONS DENVER ZONE 5 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

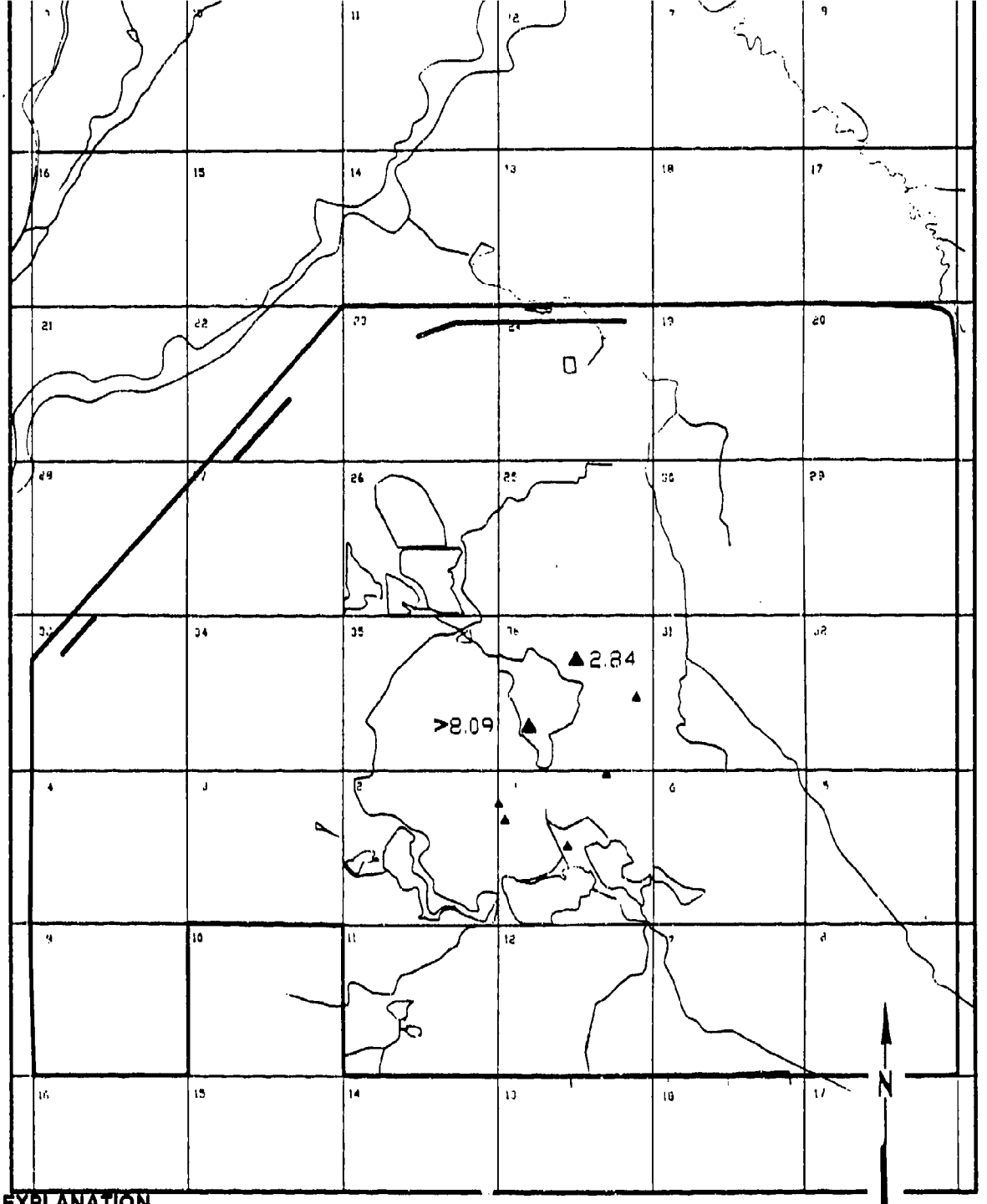


Figure D-85
ETHYLBENZENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

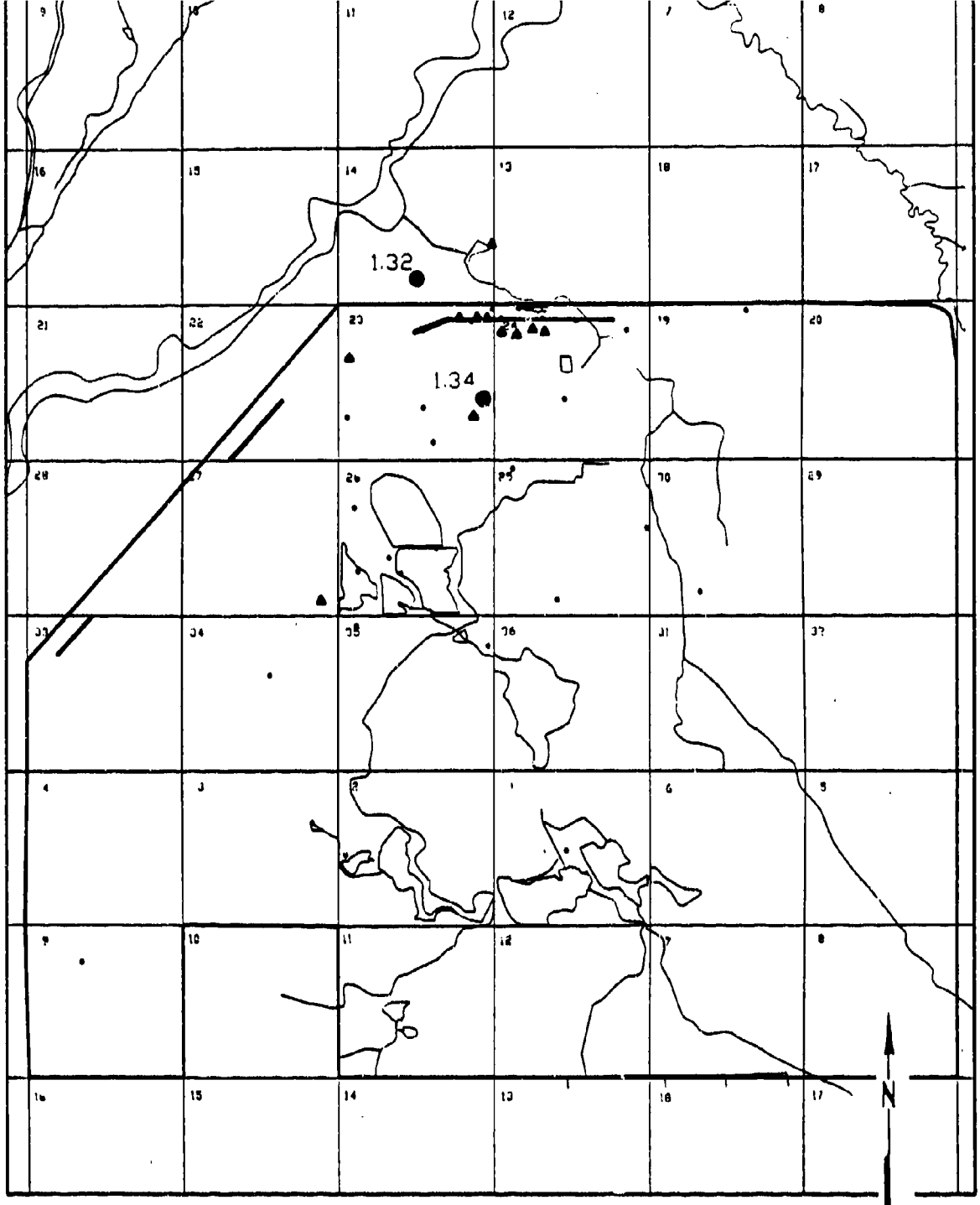


Figure D-86

ETHYLBENZENE DETECTIONS DENVER ZONE 2 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

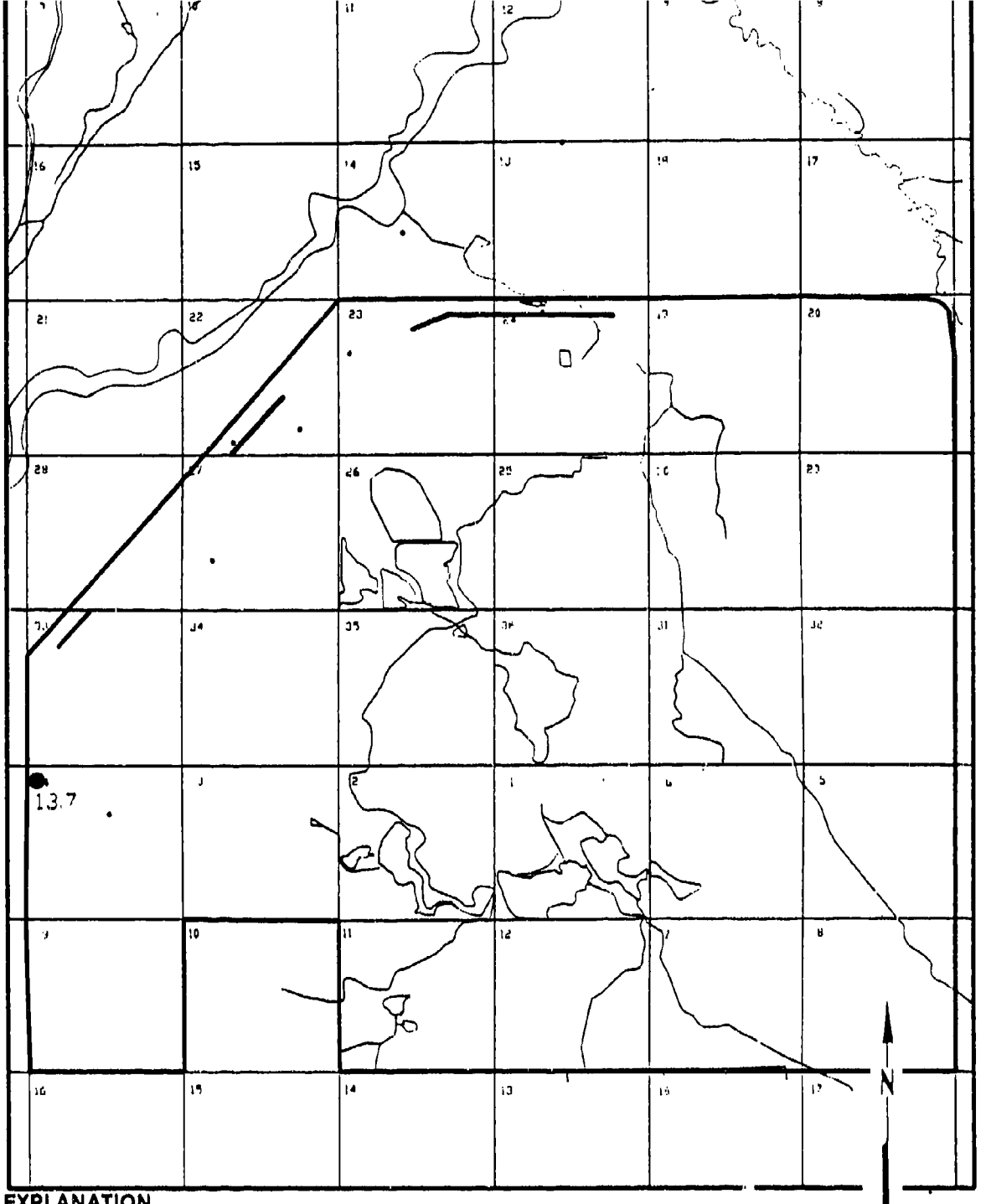


Figure D-87

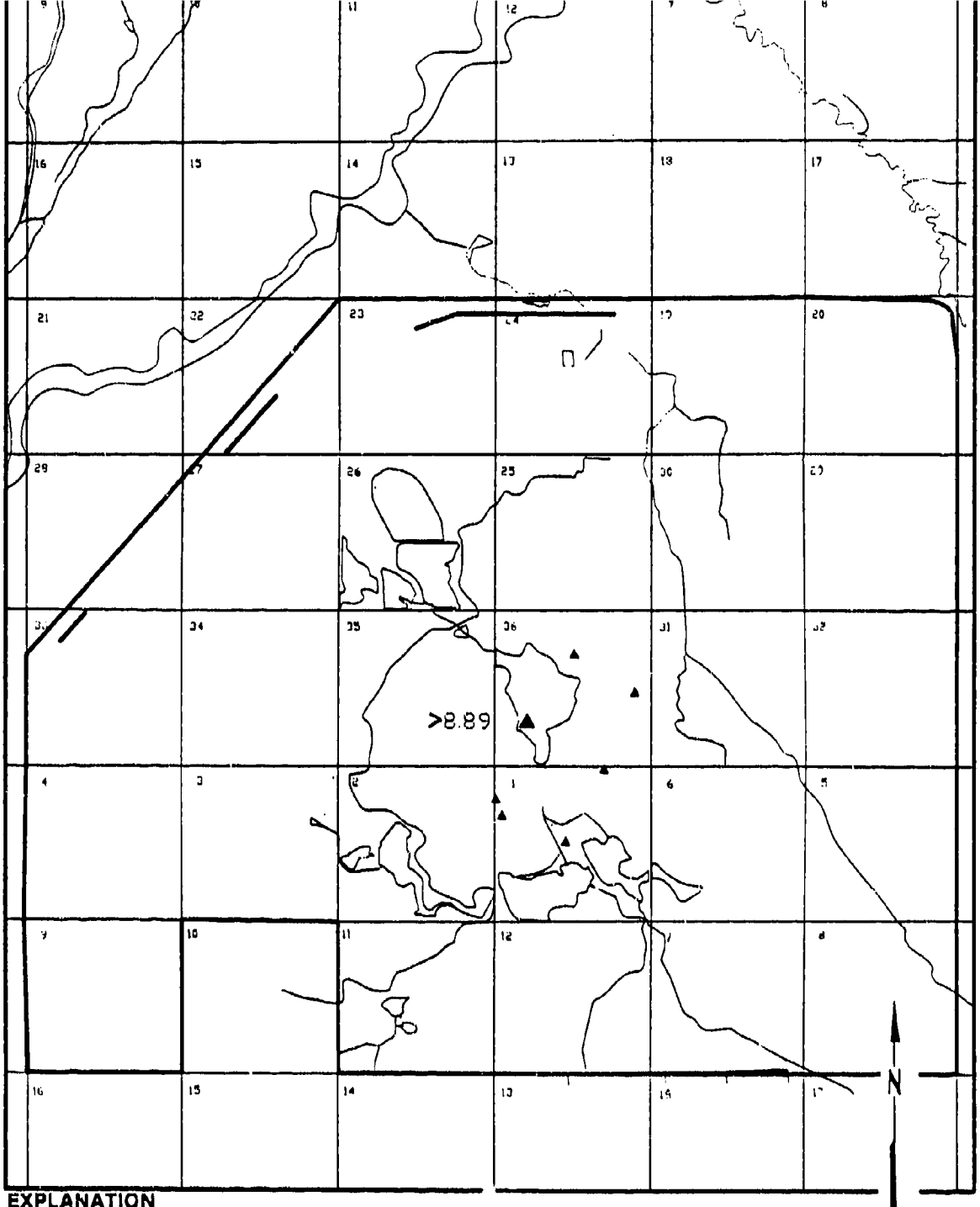
ETHYLBENZENE DETECTIONS DENVER ZONE 5 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:

U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-88
TOLUENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

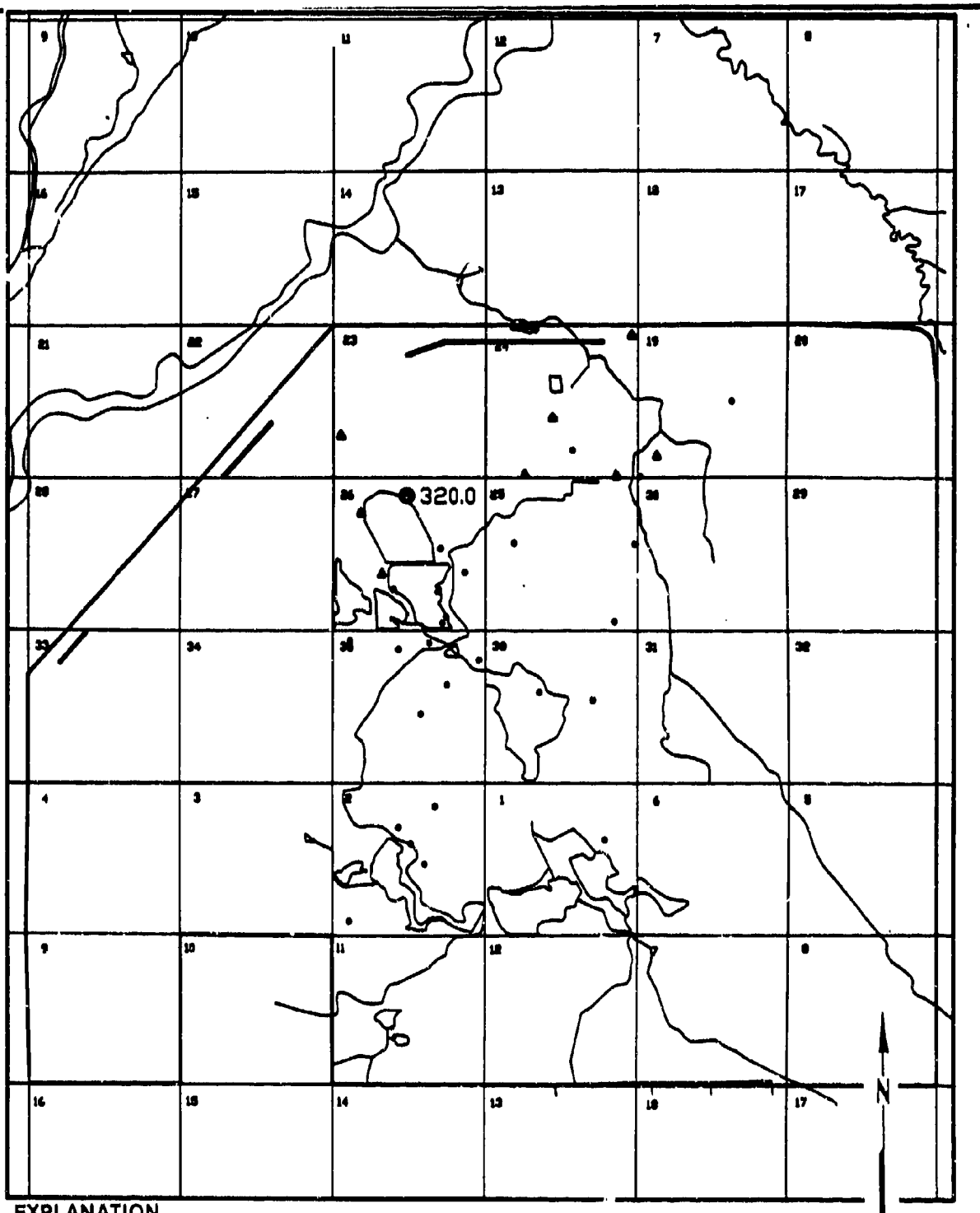


Figure D-89
TOLUENE DETECTIONS DENVER ZONE 1
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

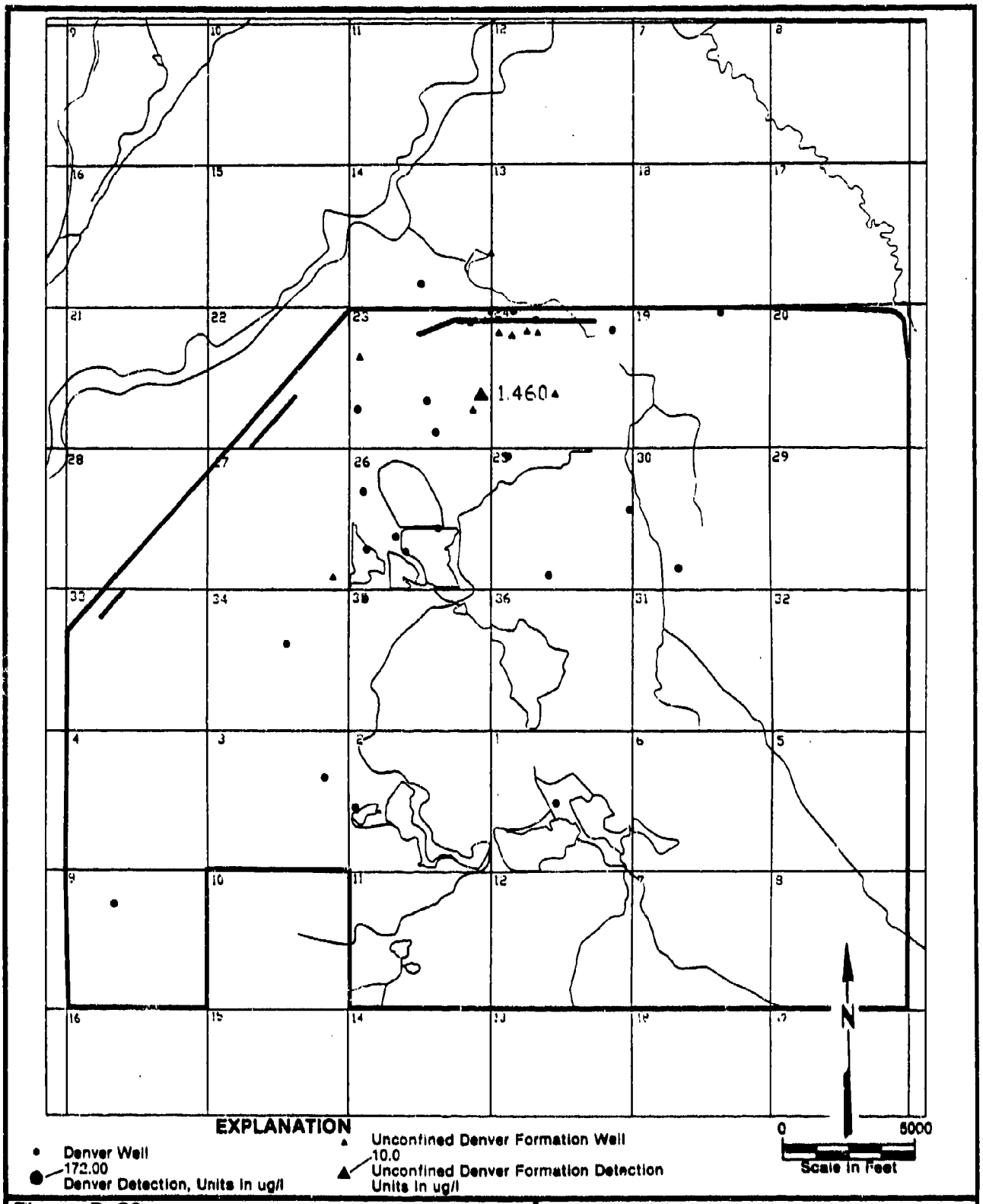


Figure D-90

TOLUENE DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

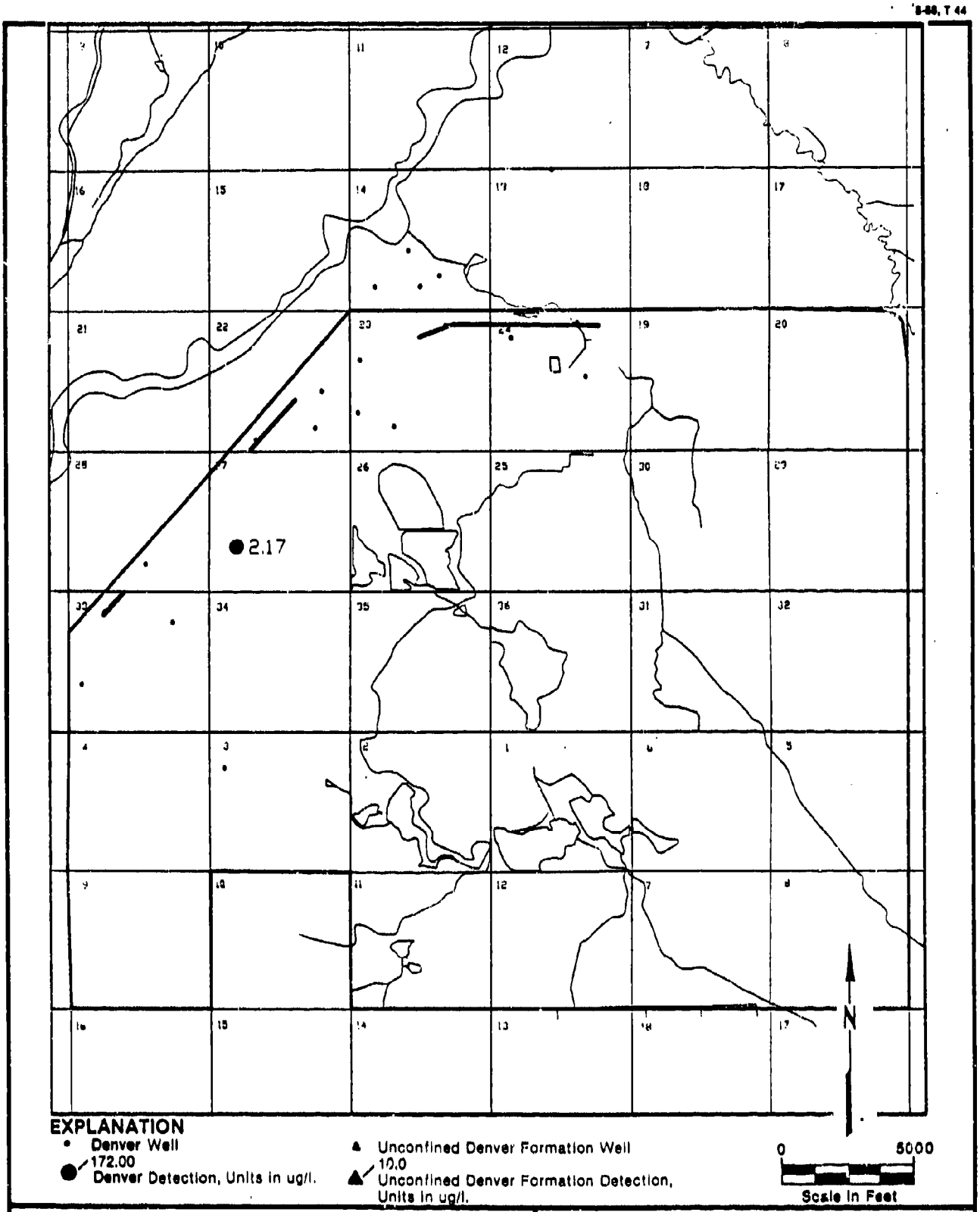
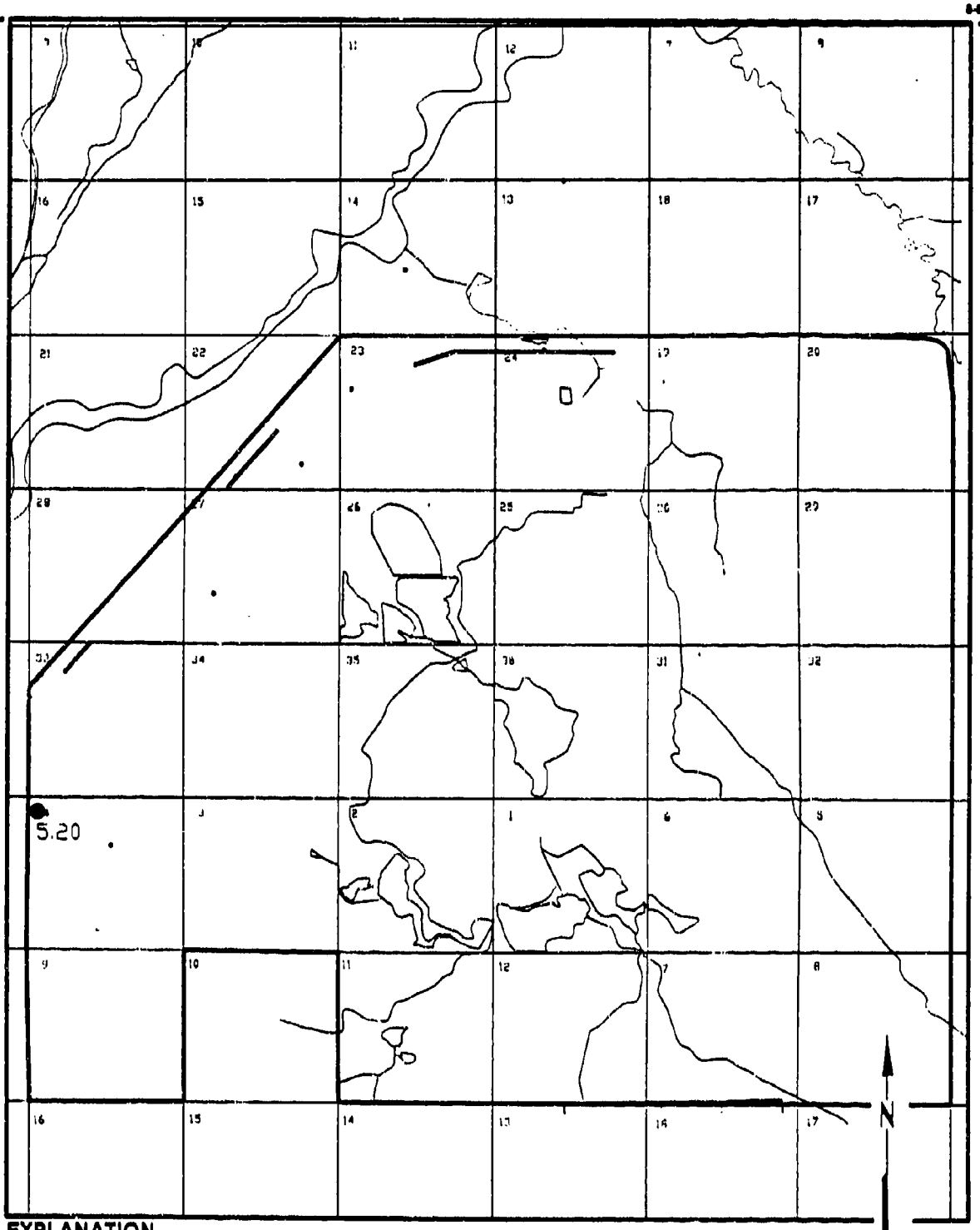


Figure D-91
TOLUENE DETECTIONS DENVER ZONE 4
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



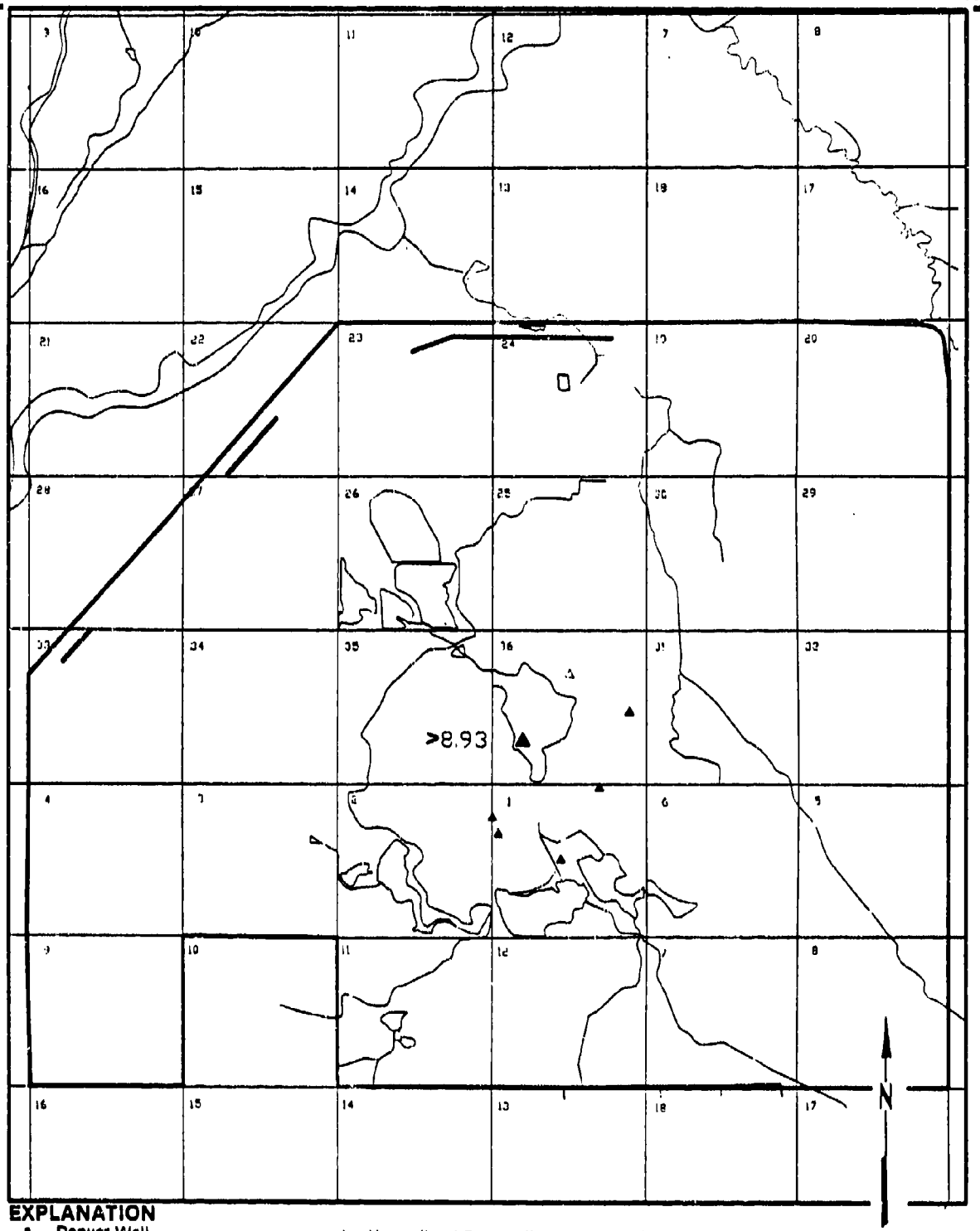
EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-92
TOLUENE DETECTIONS DENVER ZONE 5
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-93
M-XYLENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

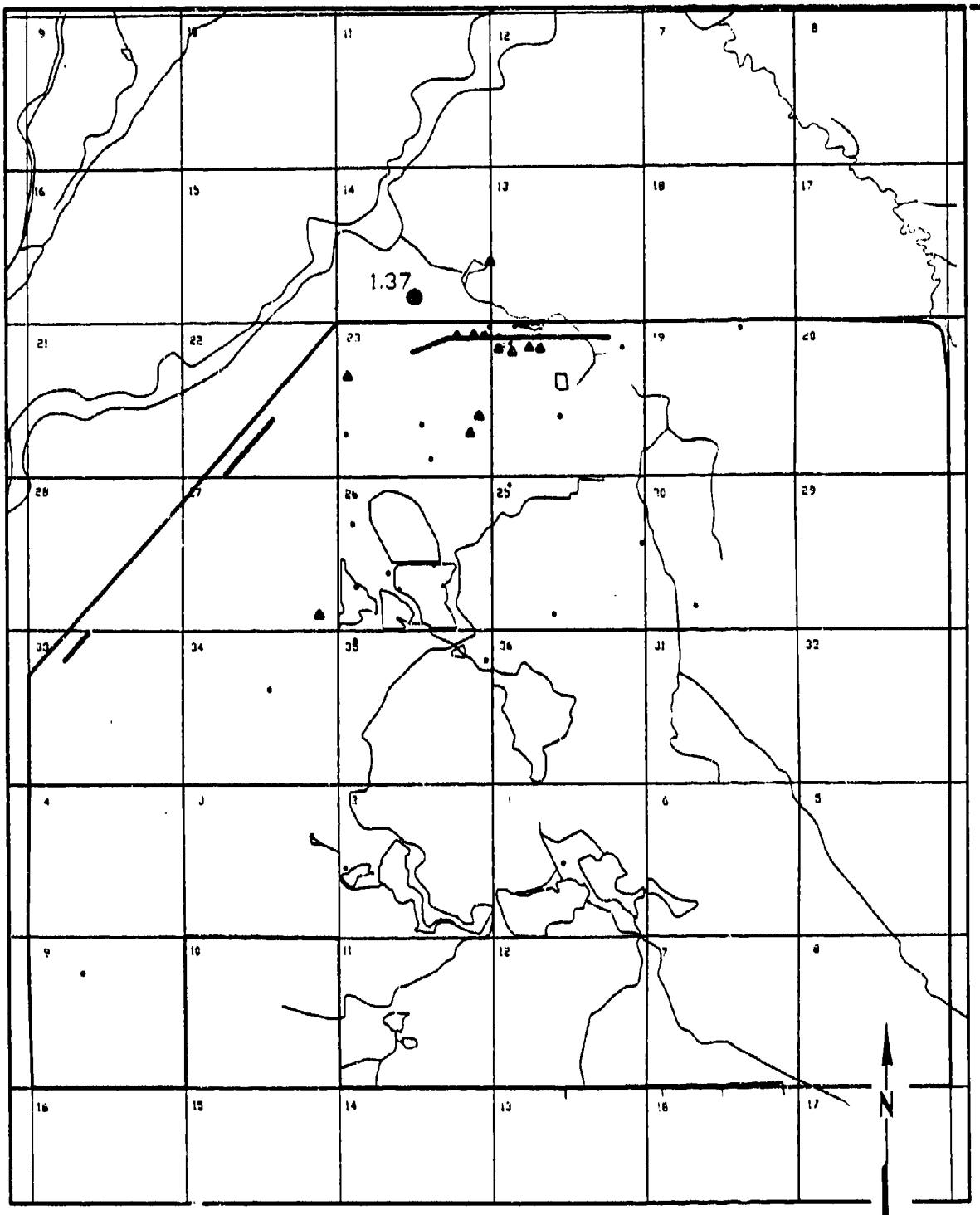


Figure D-94
M-XYLENE DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

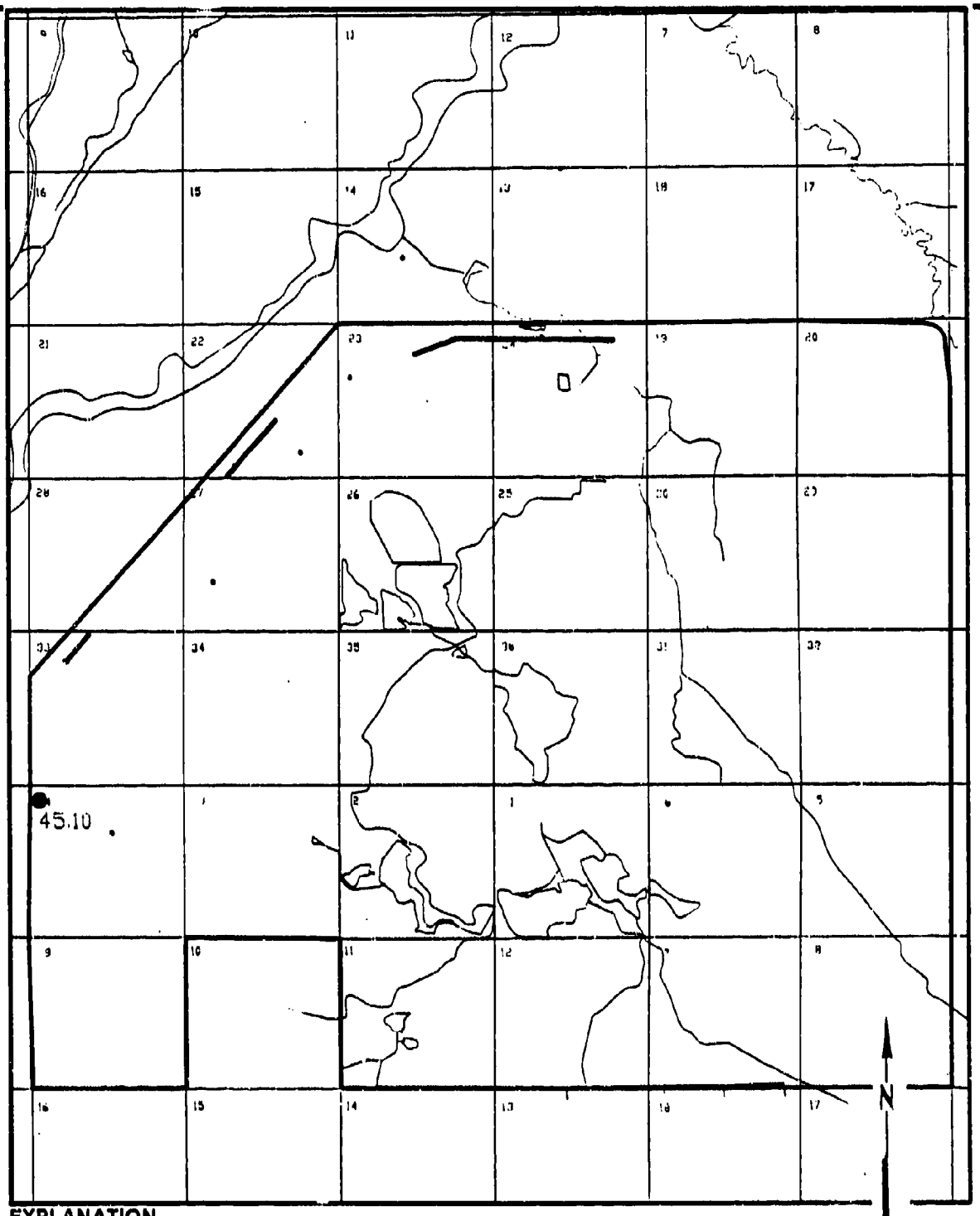
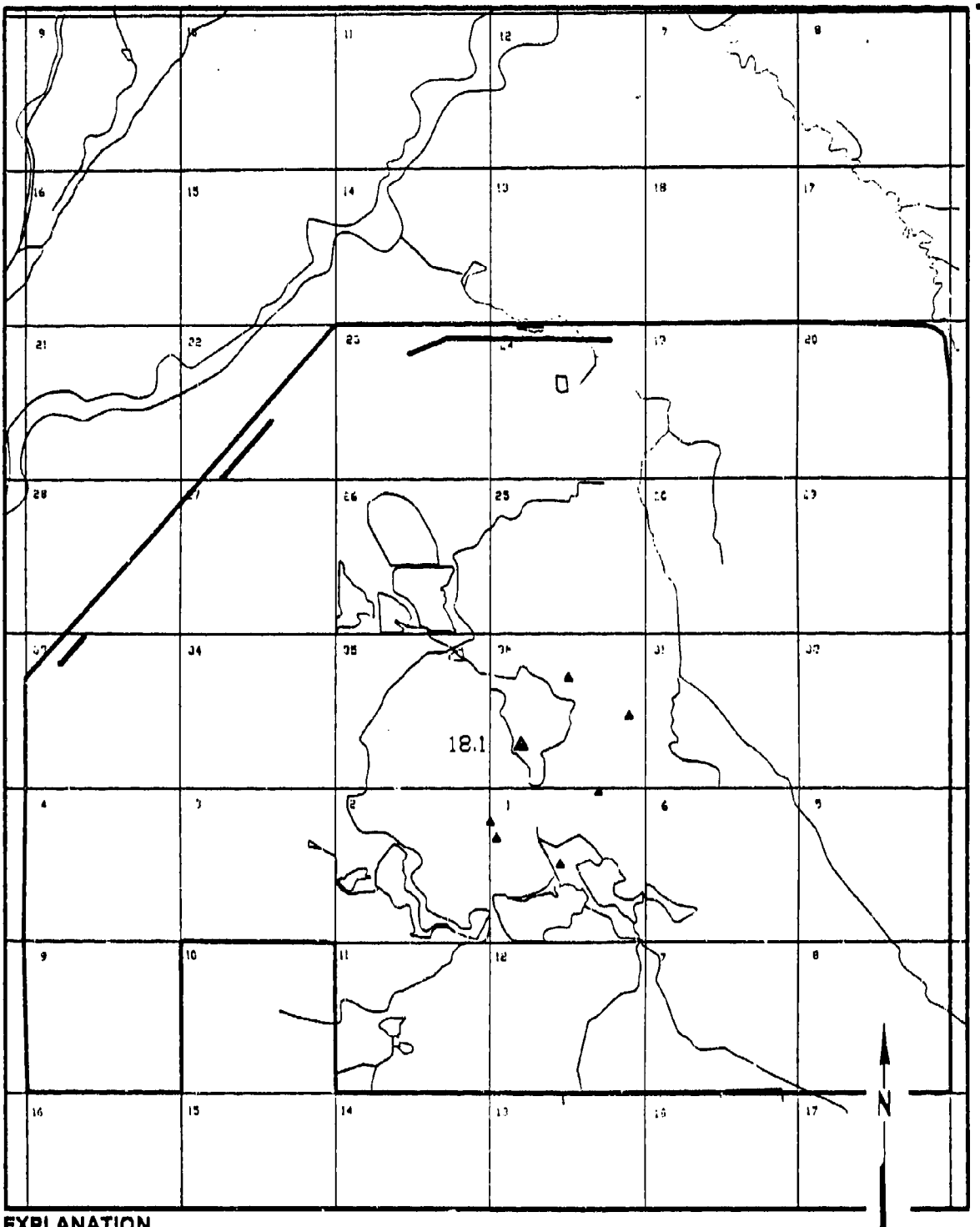


Figure D-95
M-XYLENE DETECTIONS DENVER ZONE 5
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-96
O,P-XYLENE DETECTIONS DENVER ZONE
VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

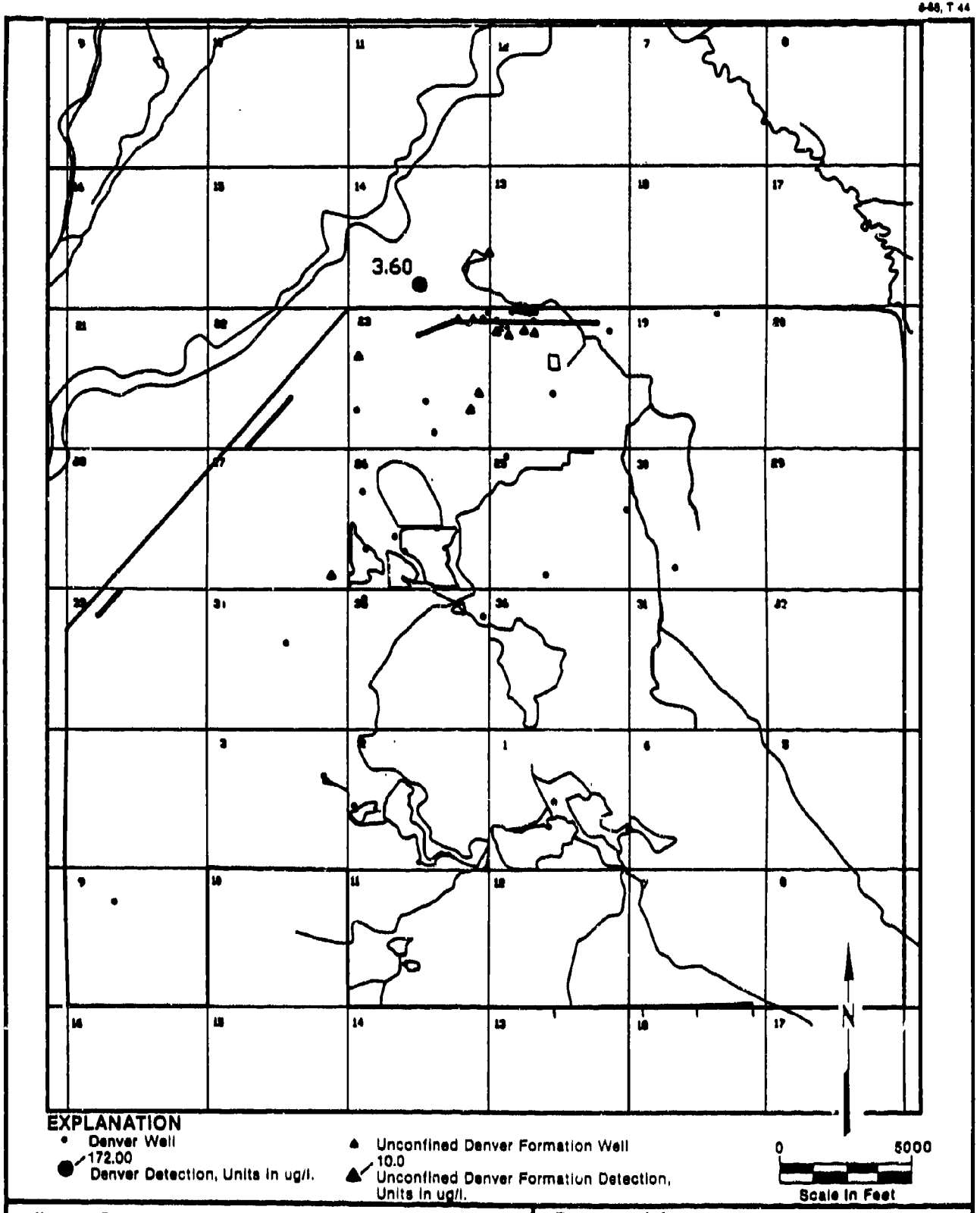


Figure D-97.
O,P-XYLENE DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

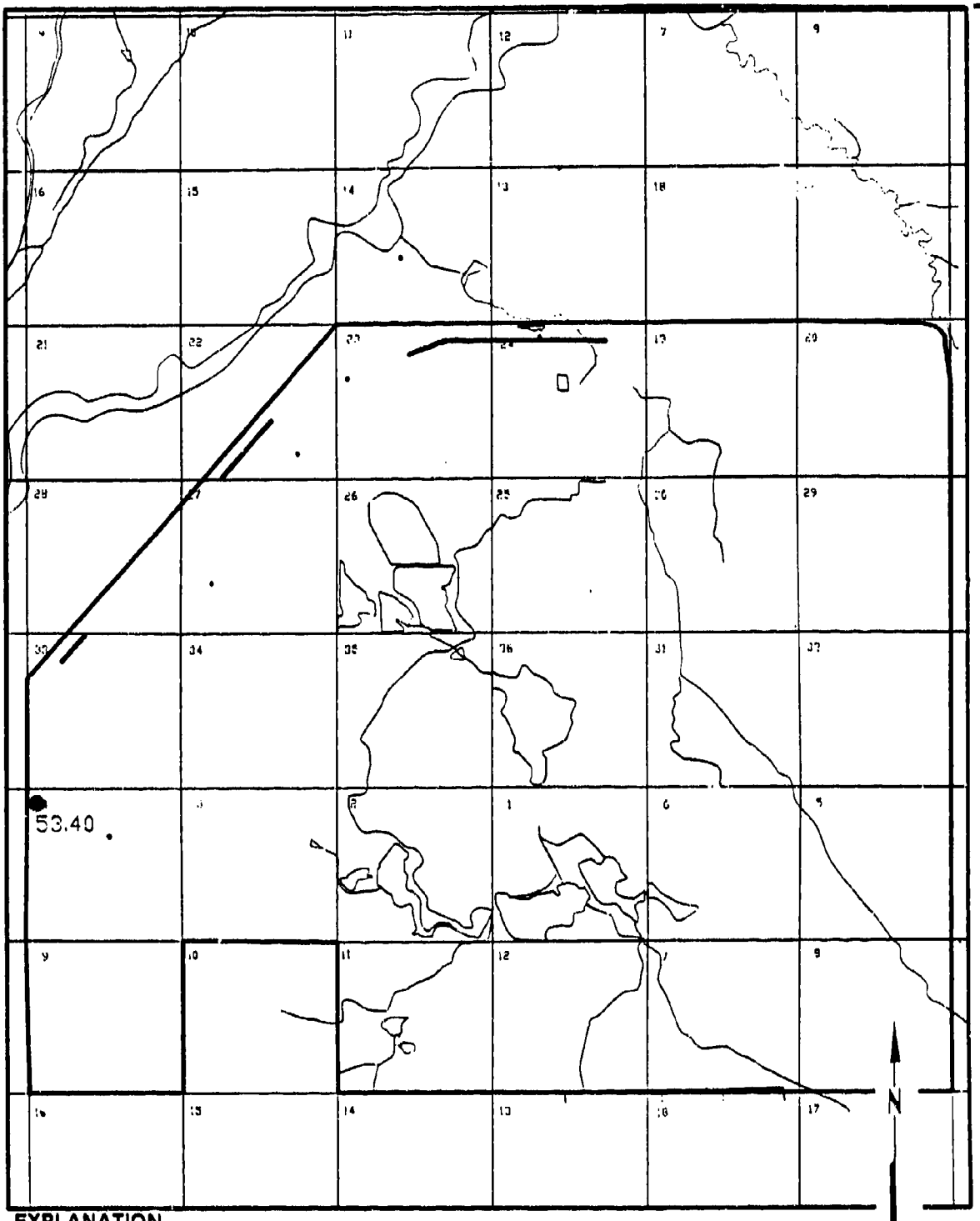


Figure D-98

O,P-XYLENE DETECTIONS DENVER ZONE 5
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

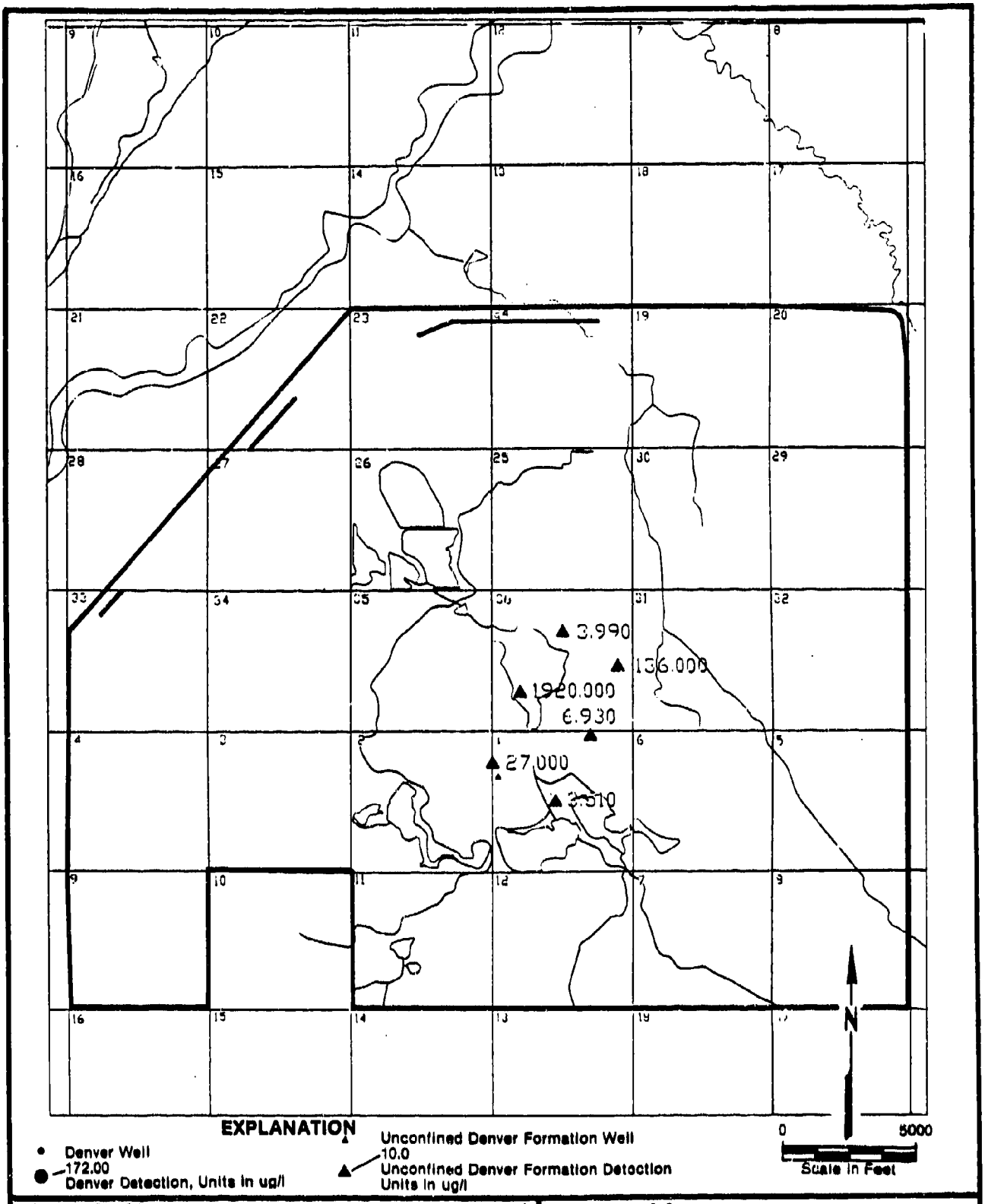


Figure D-99

CHLOROFORM DETECTIONS DENVER ZONE VC/VCE,3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

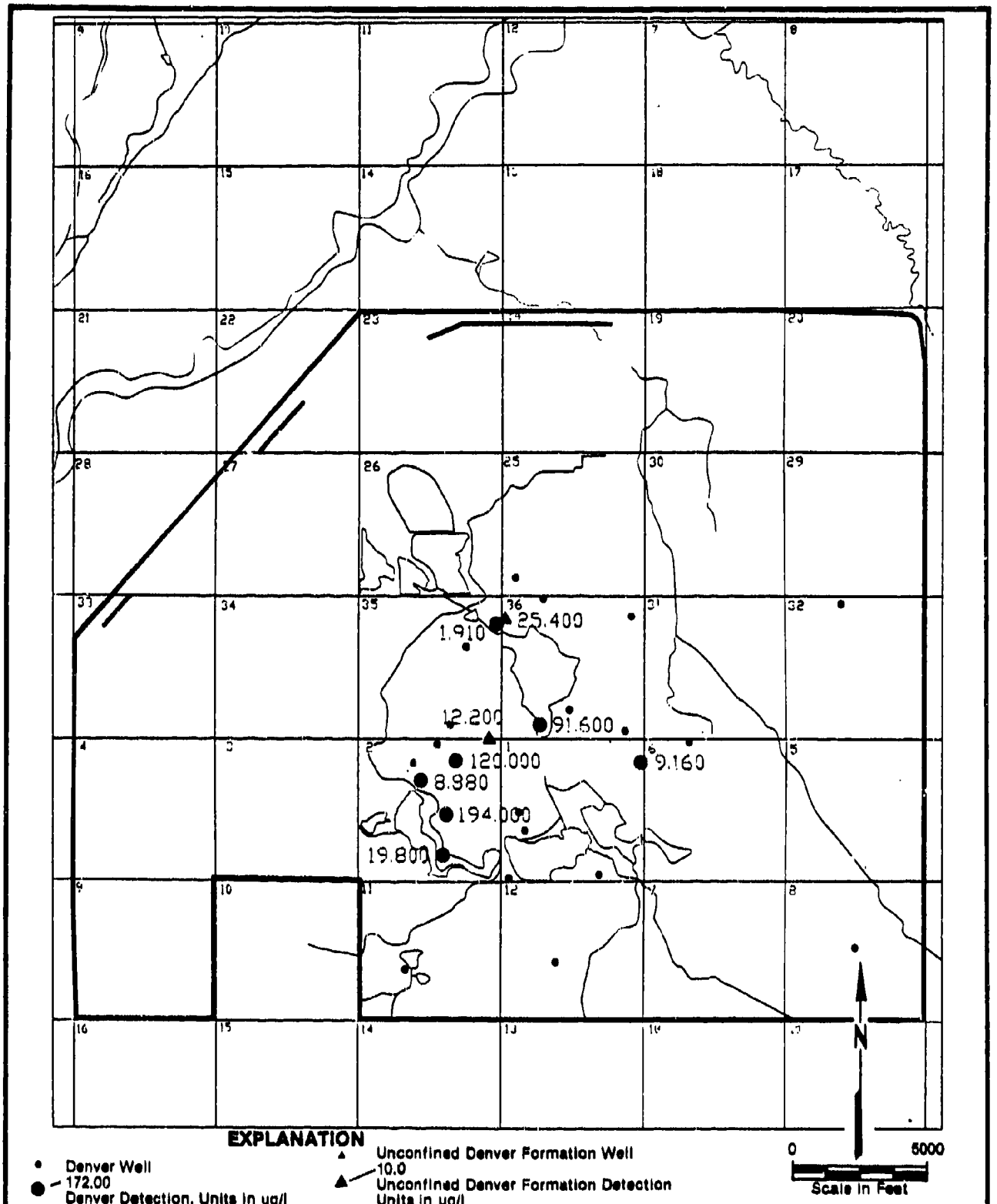


Figure D-100

CHLOROFORM DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

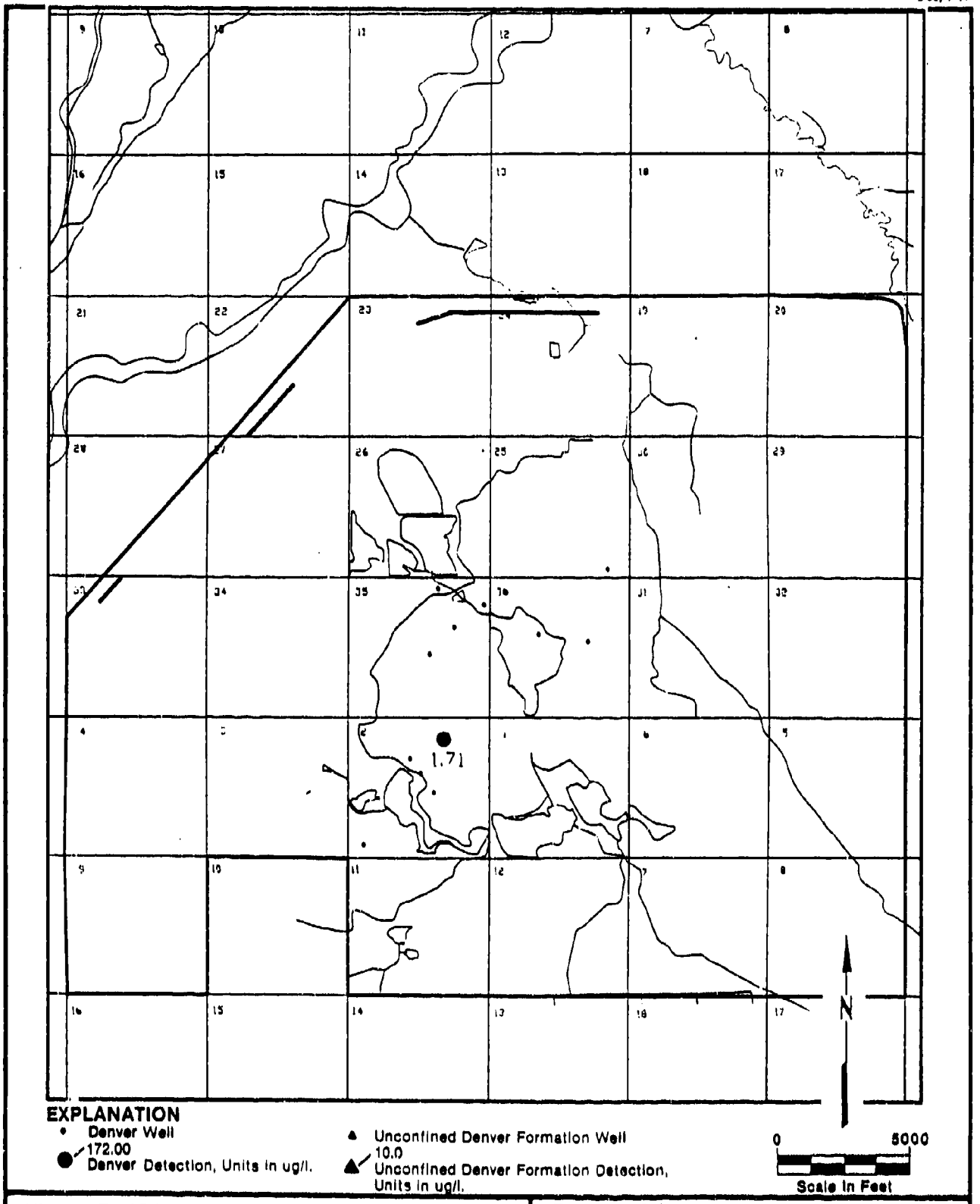
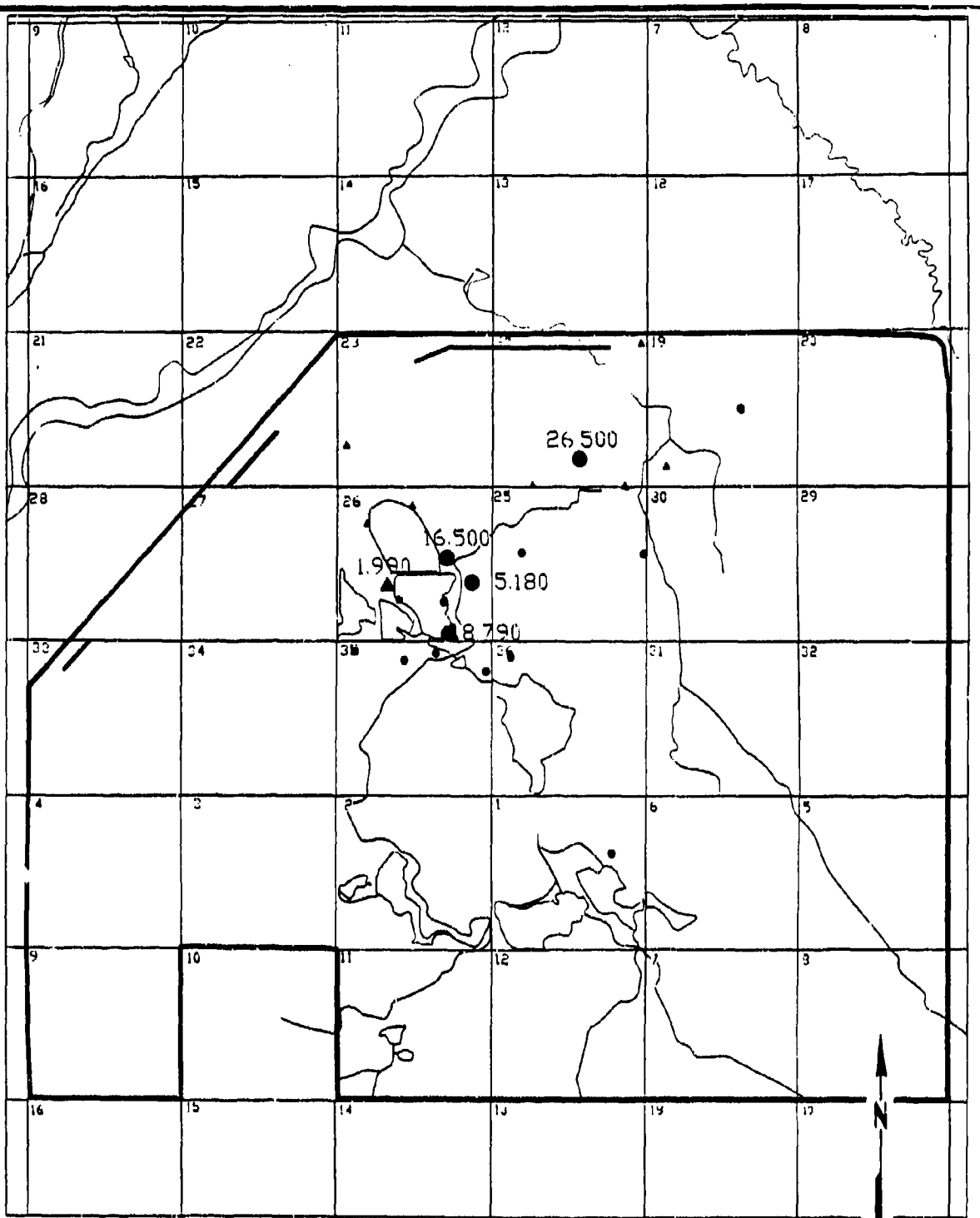


Figure D-101
CHLOROFORM DETECTIONS DENVER ZONE 1U 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-102

CHLOROFORM DETECTIONS DENVER ZONE 1, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

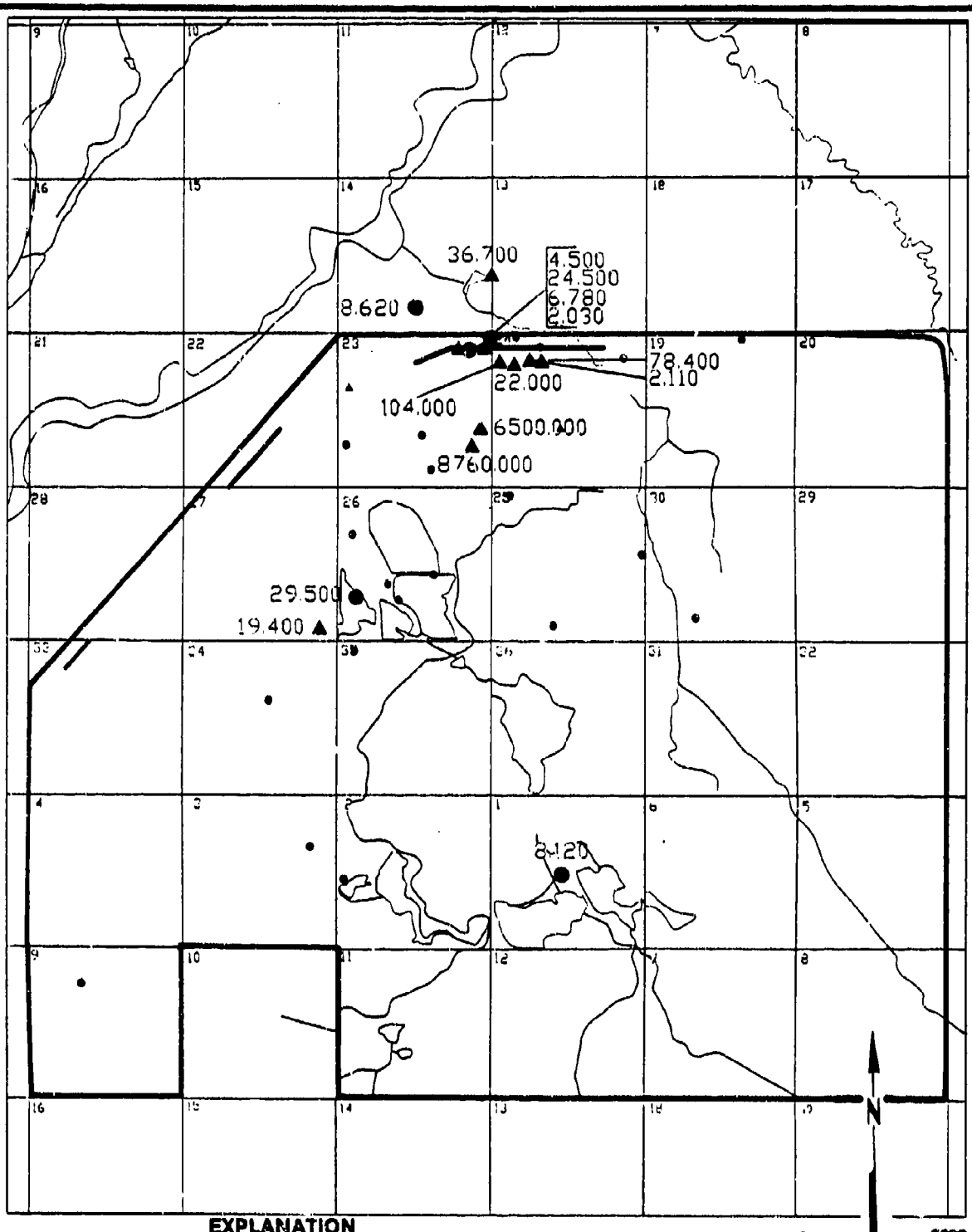


Figure D-103

CHLOROFORM DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

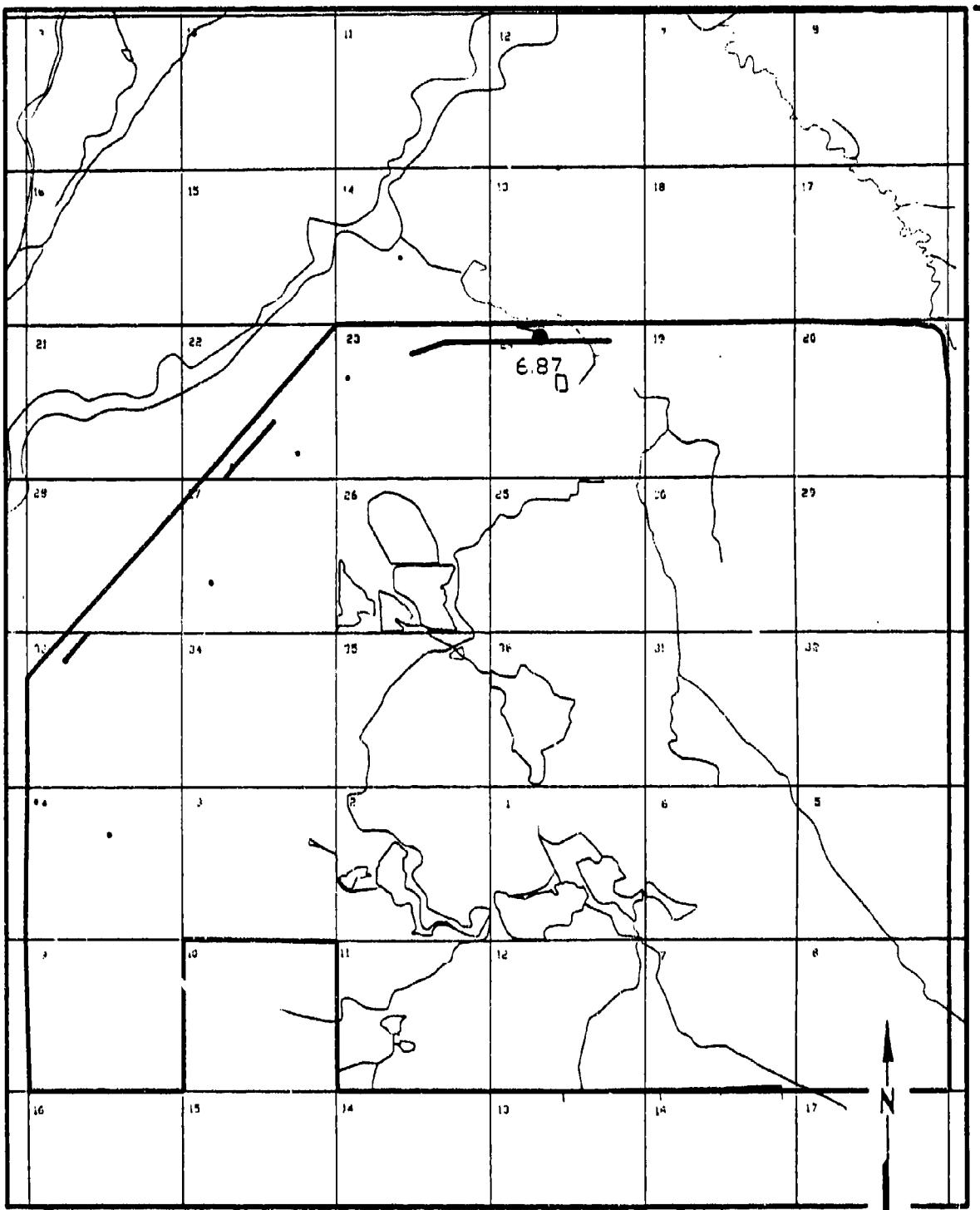


Figure D-104
CHLOROFORM DETECTIONS DENVER ZONE 5 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

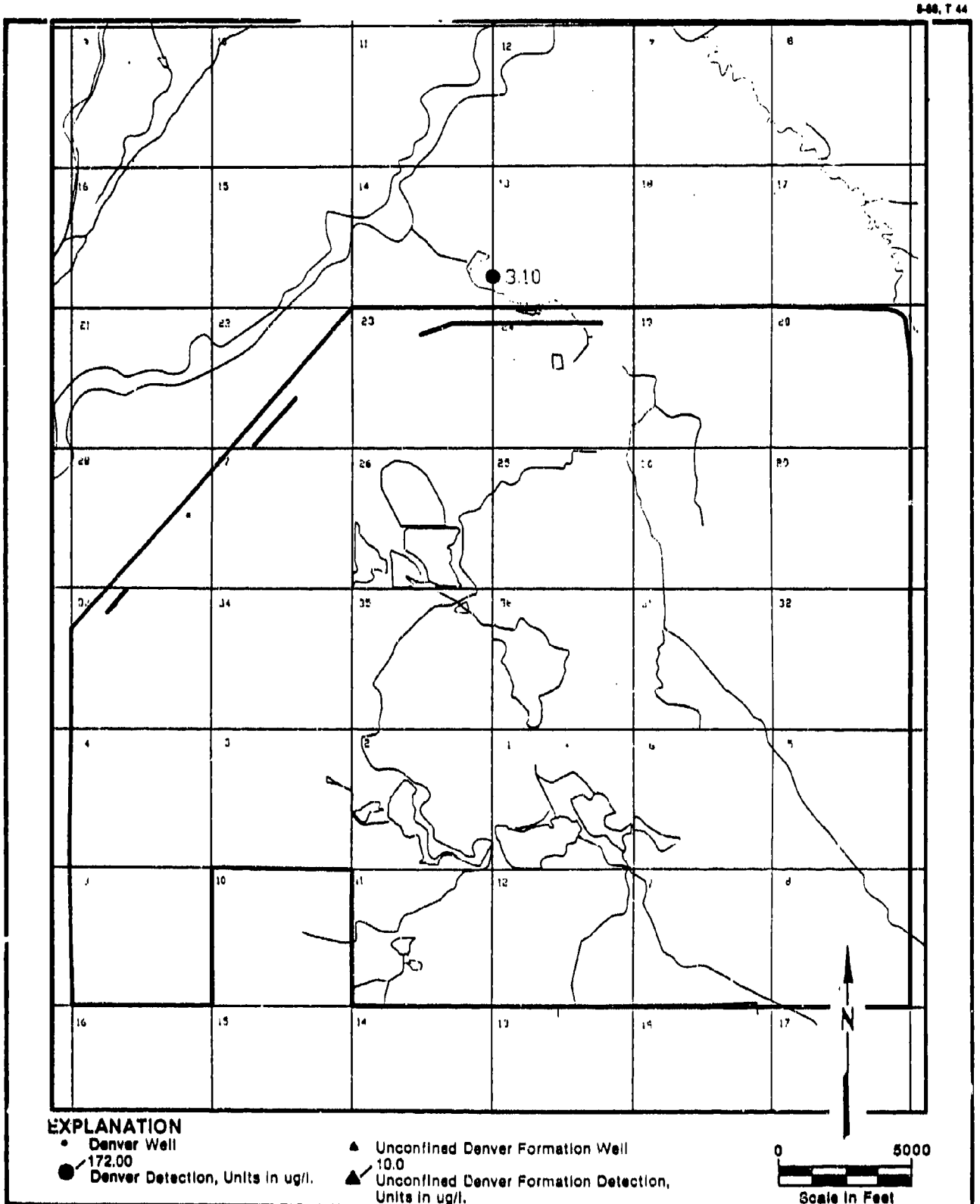


Figure D-105
CHLOROFORM DETECTIONS DENVER ZONE 6 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

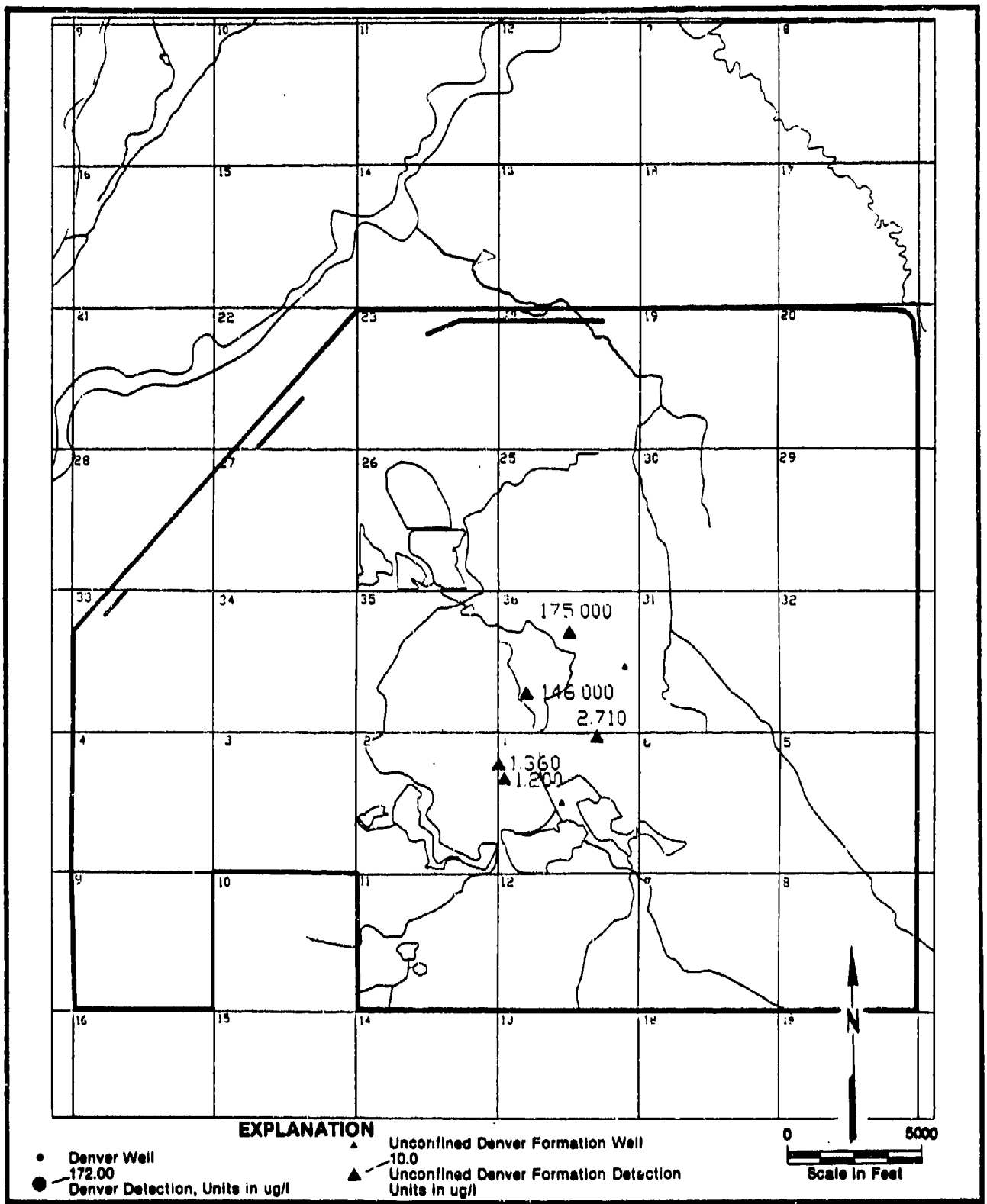


Figure D-106

TRICHLOROETHYLENE DETECTIONS DENVER ZONE VC/VCE, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

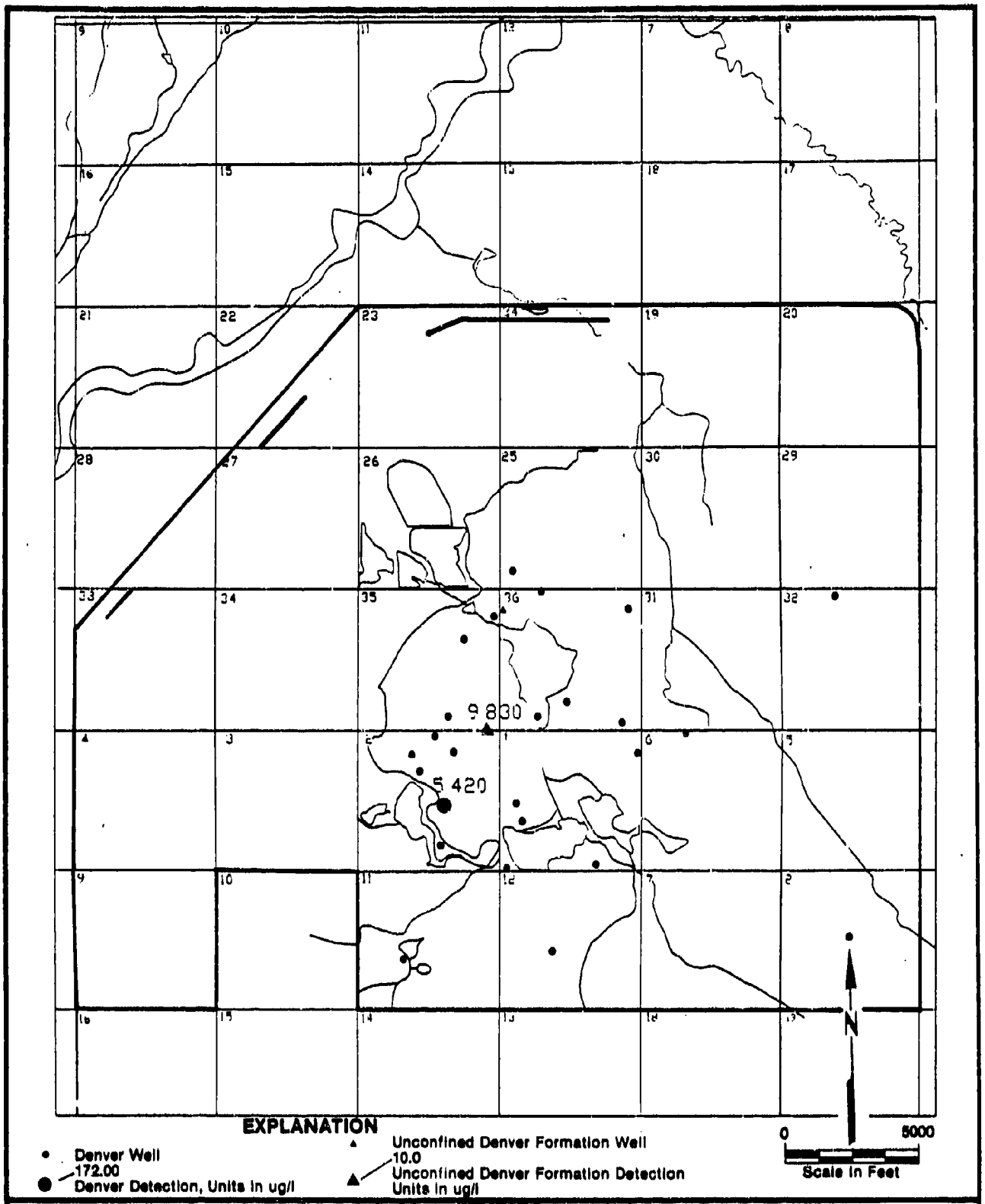
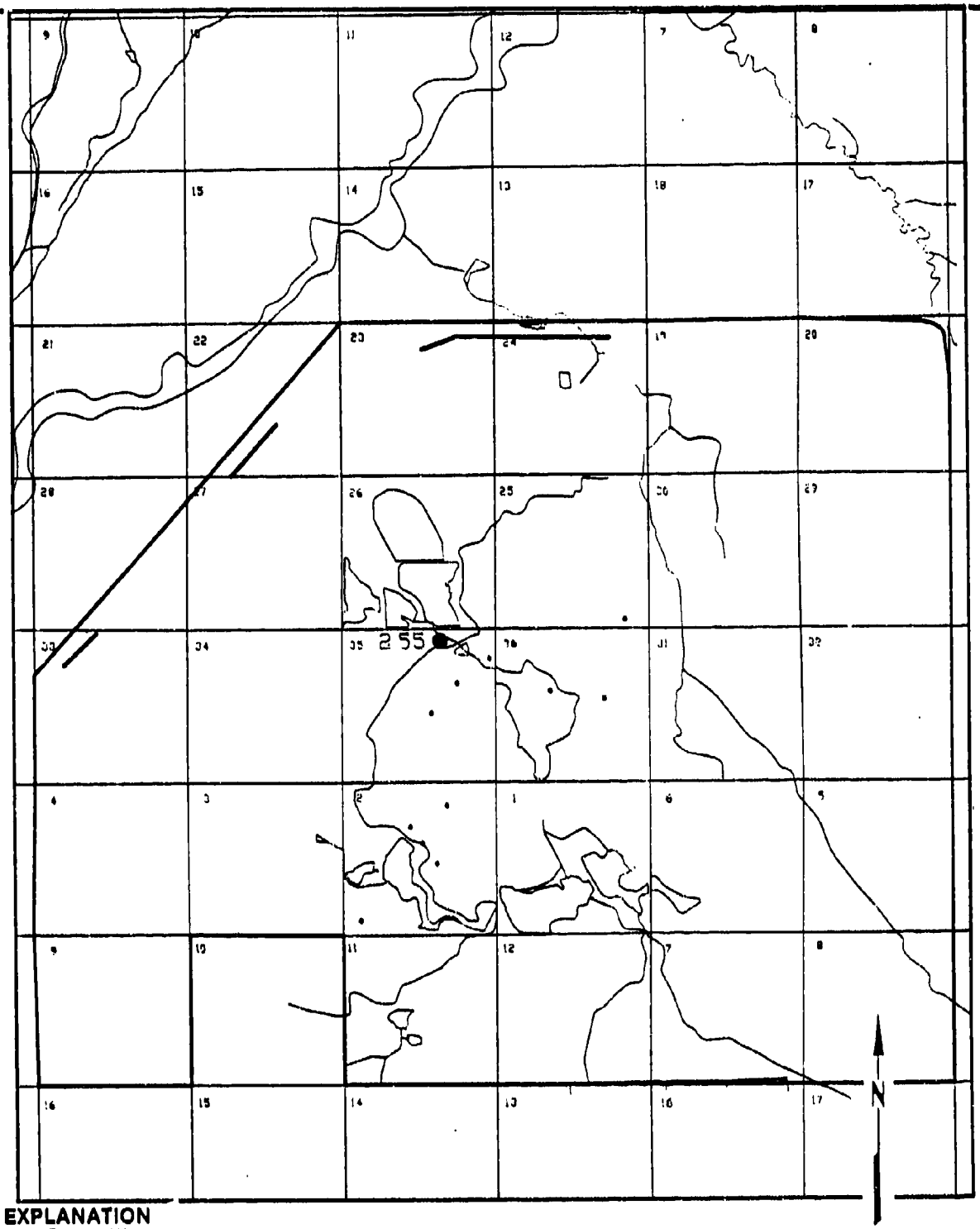


Figure D-107

TRICHLOROETHYLENE DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-108

TRICHLOROETHYLENE DETECTIONS DENVER ZONE 1U, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

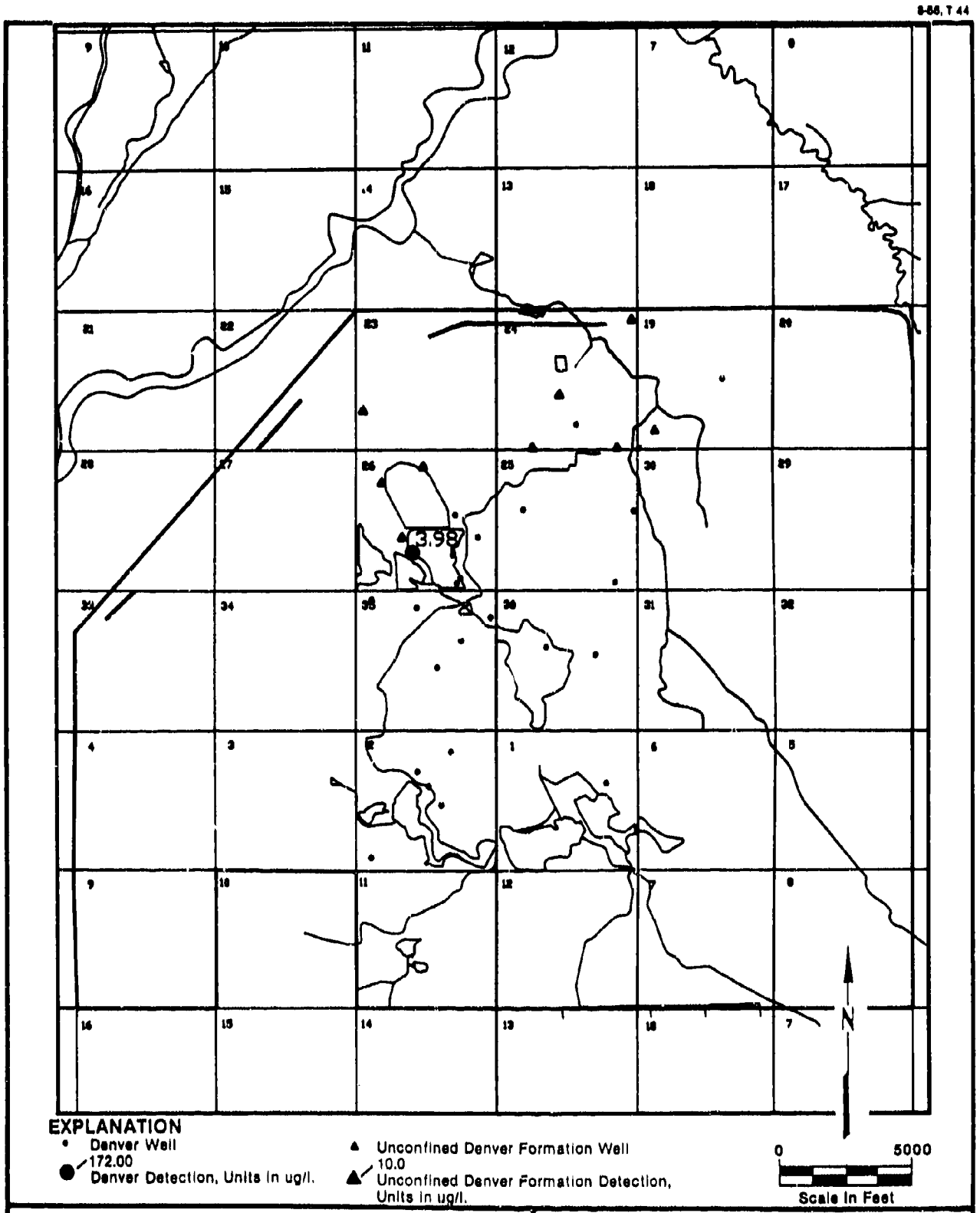


Figure D-109
TRICHLOROETHYLENE DETECTIONS DENVER ZONE 1, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

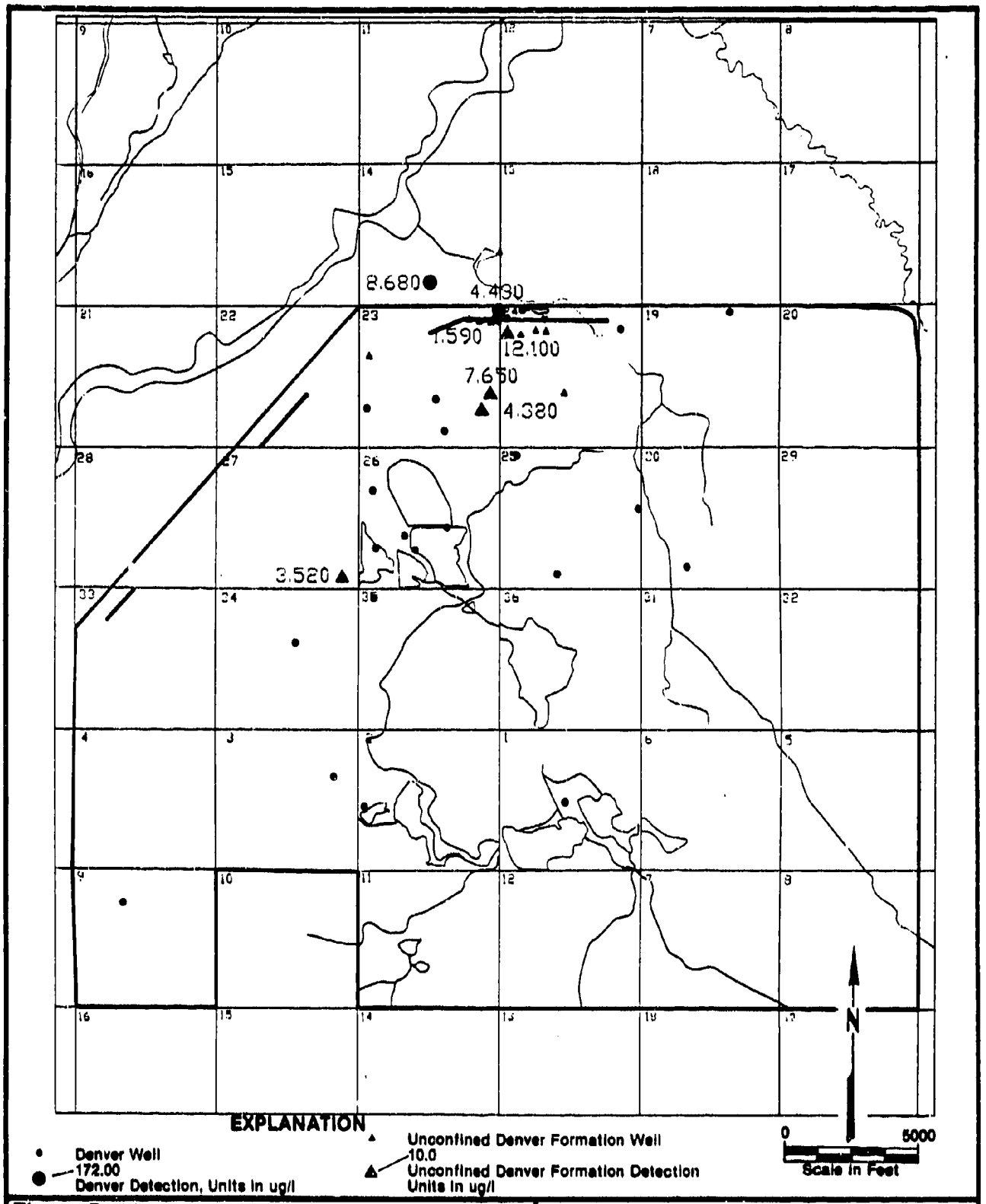


Figure D-110

TRICHLOROETHYLENE DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

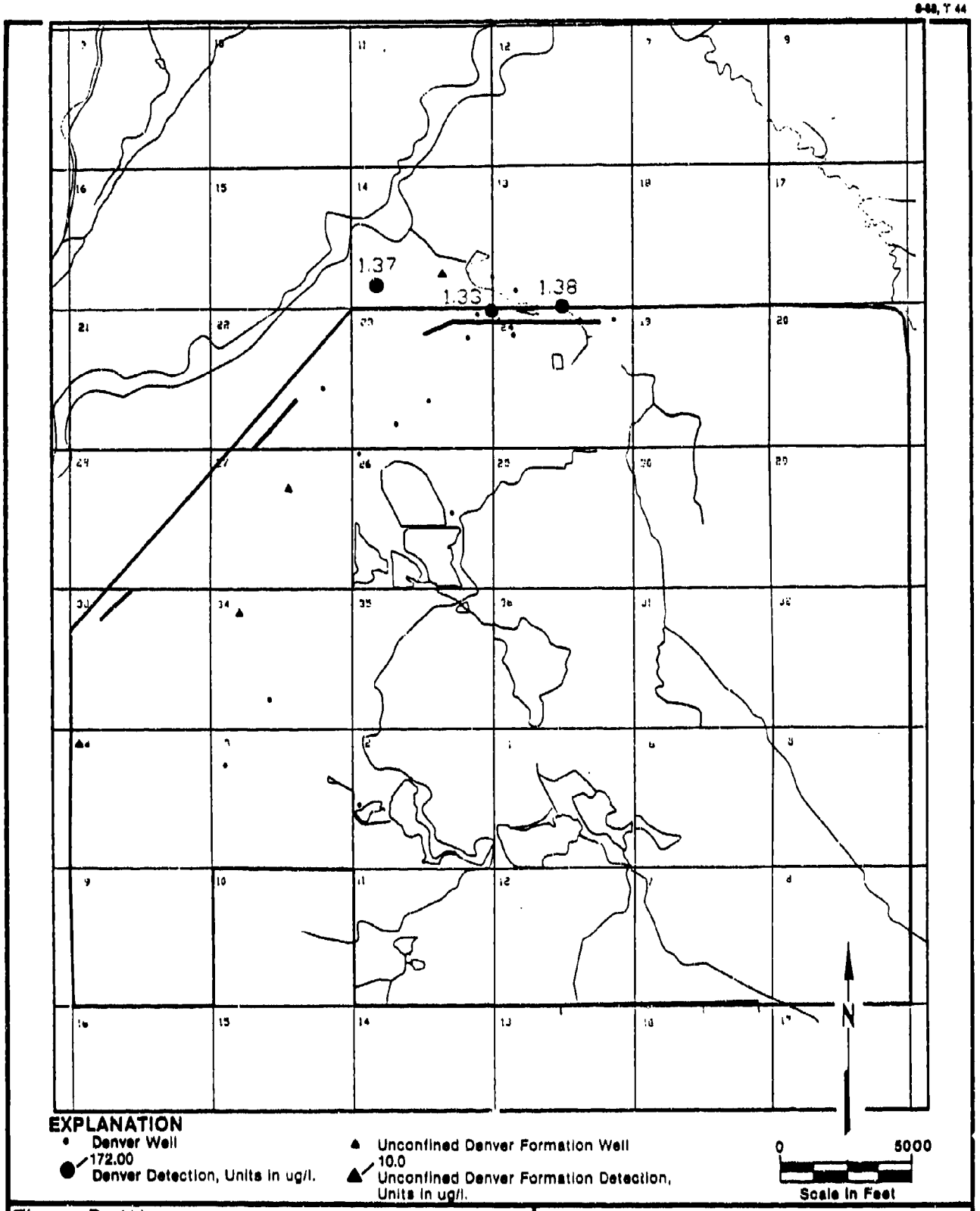


Figure D-111

TRICHLOROETHYLENE DETECTIONS DENVER ZONE 3, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

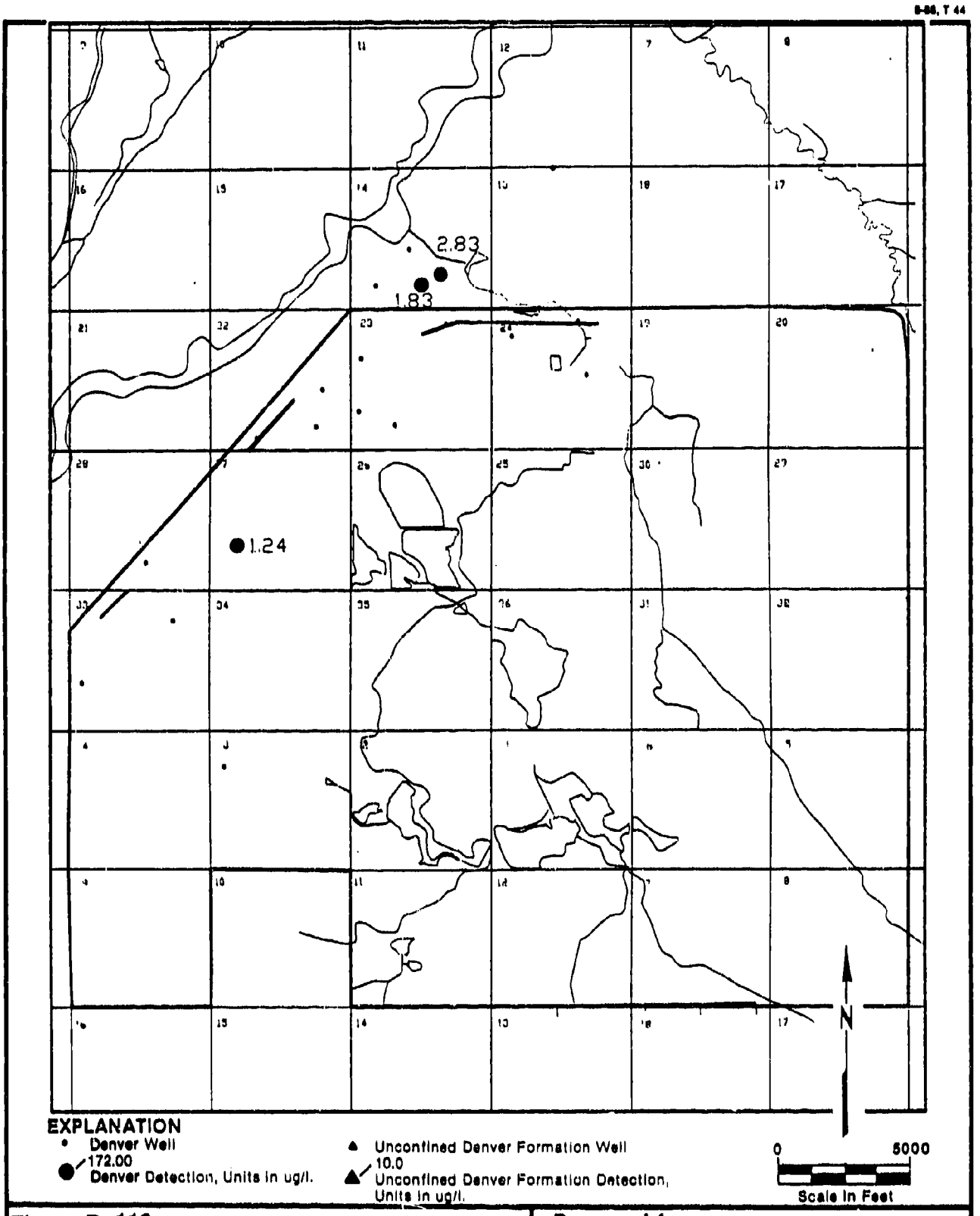
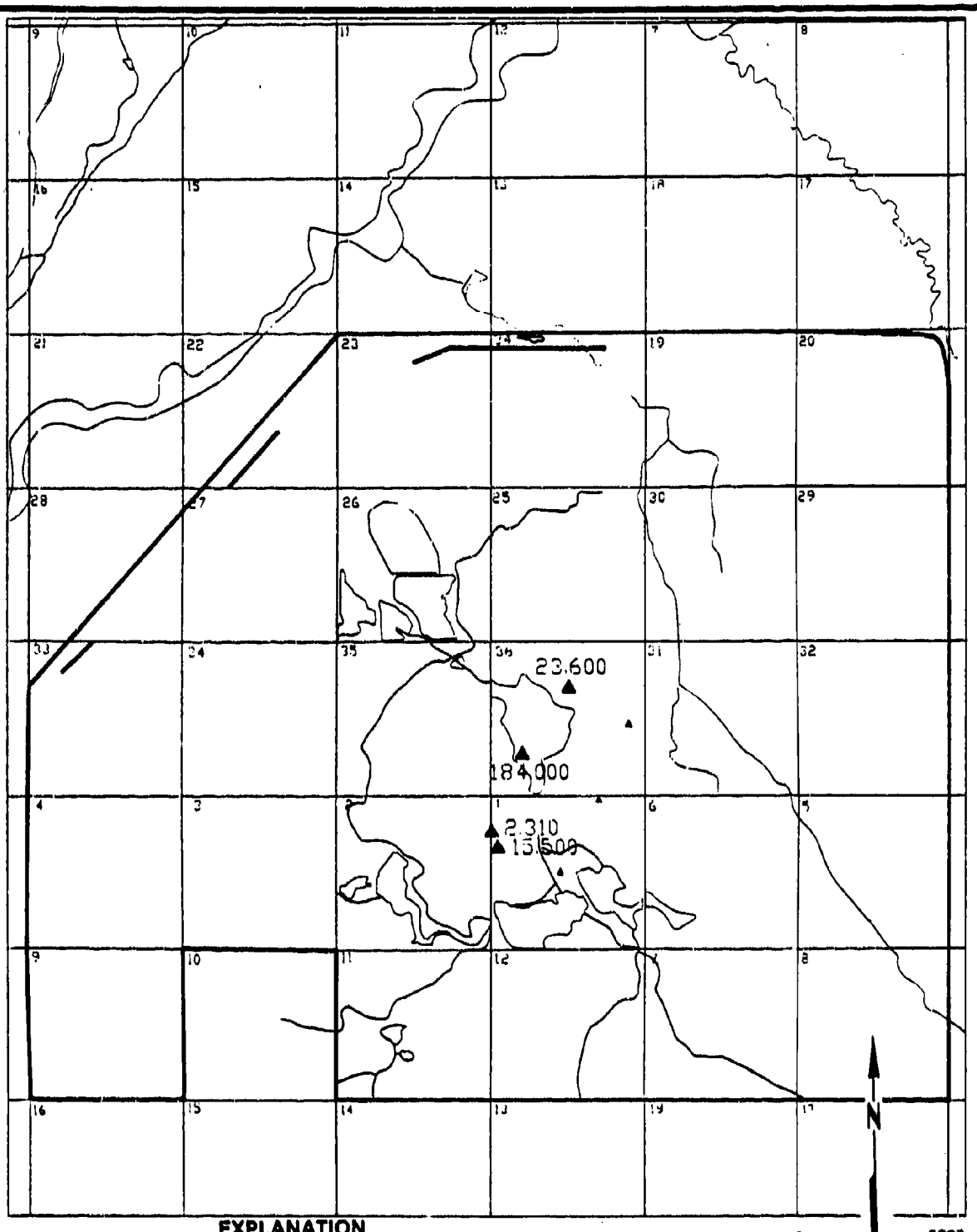


Figure D-112

TRICHLOROETHYLENE DETECTIONS DENVER ZONE 4, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-113
TETRACHLOROETHYLENE DETECTIONS
DENVER ZONE VC/VCE, 3RD QUARTER,
FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

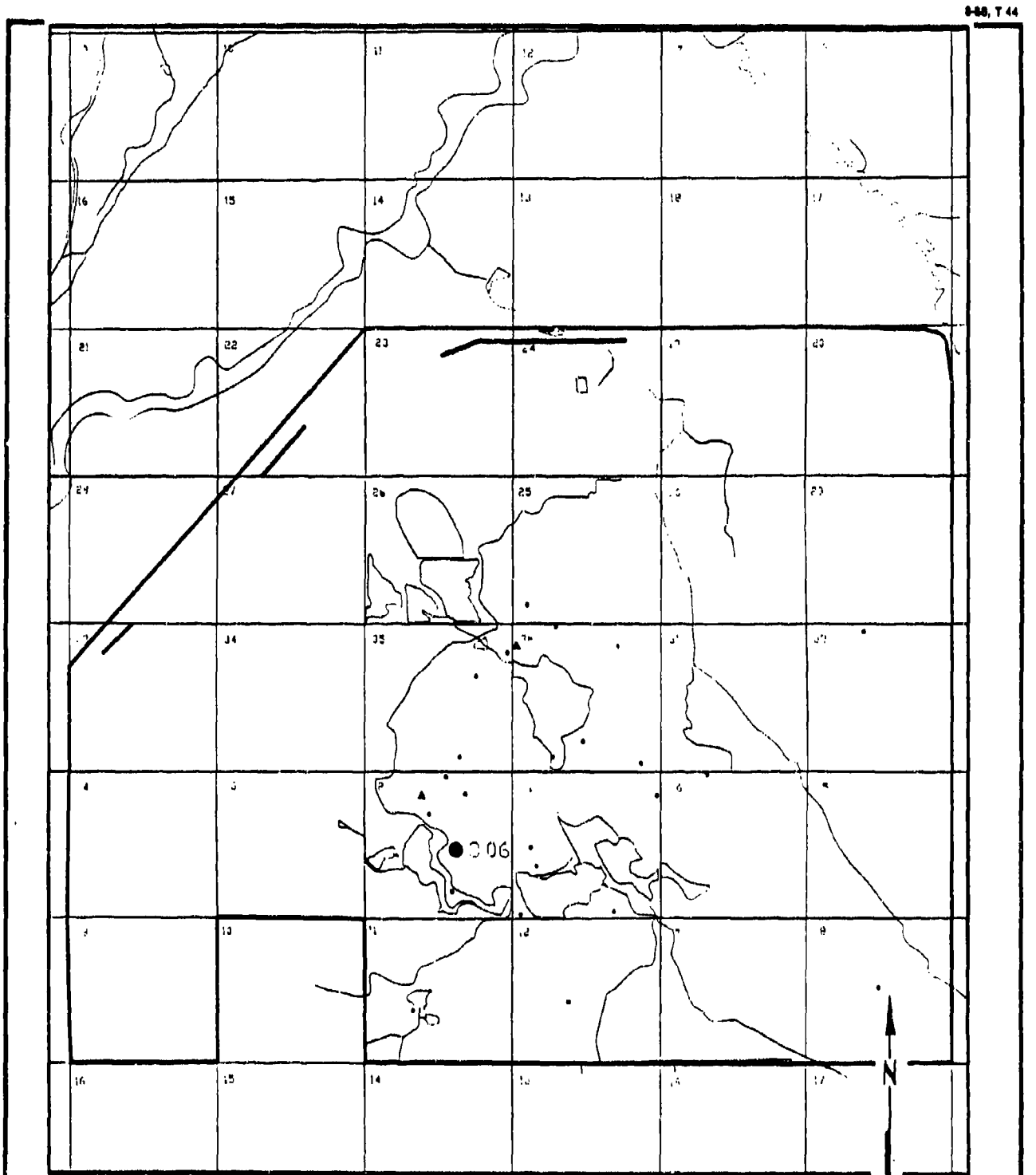


Figure D-114

TETRACHLOROETHYLENE DETECTIONS
DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

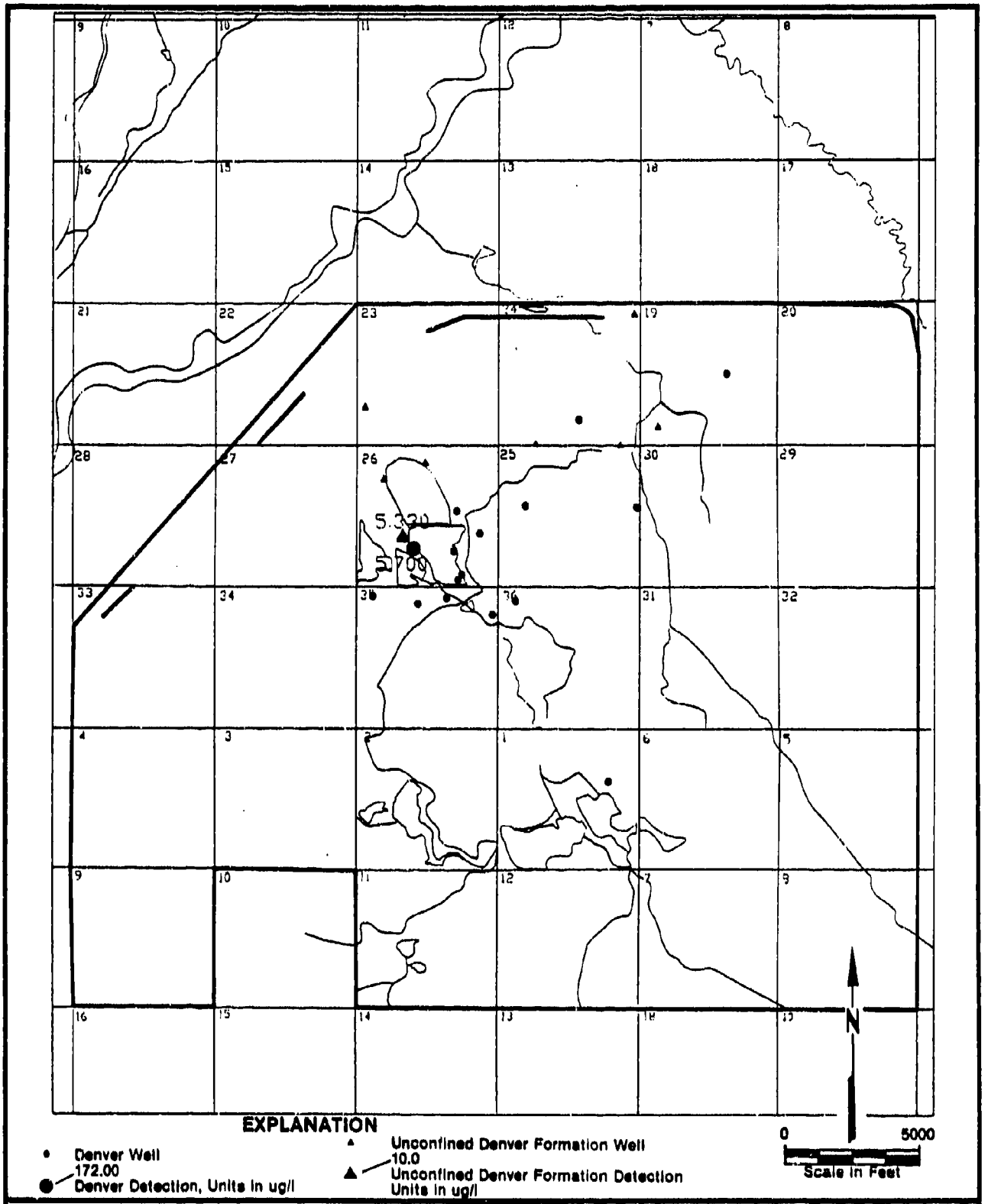


Figure D-115

TETRACHLOROETHYLENE DETECTIONS
DENVER ZONE 1, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

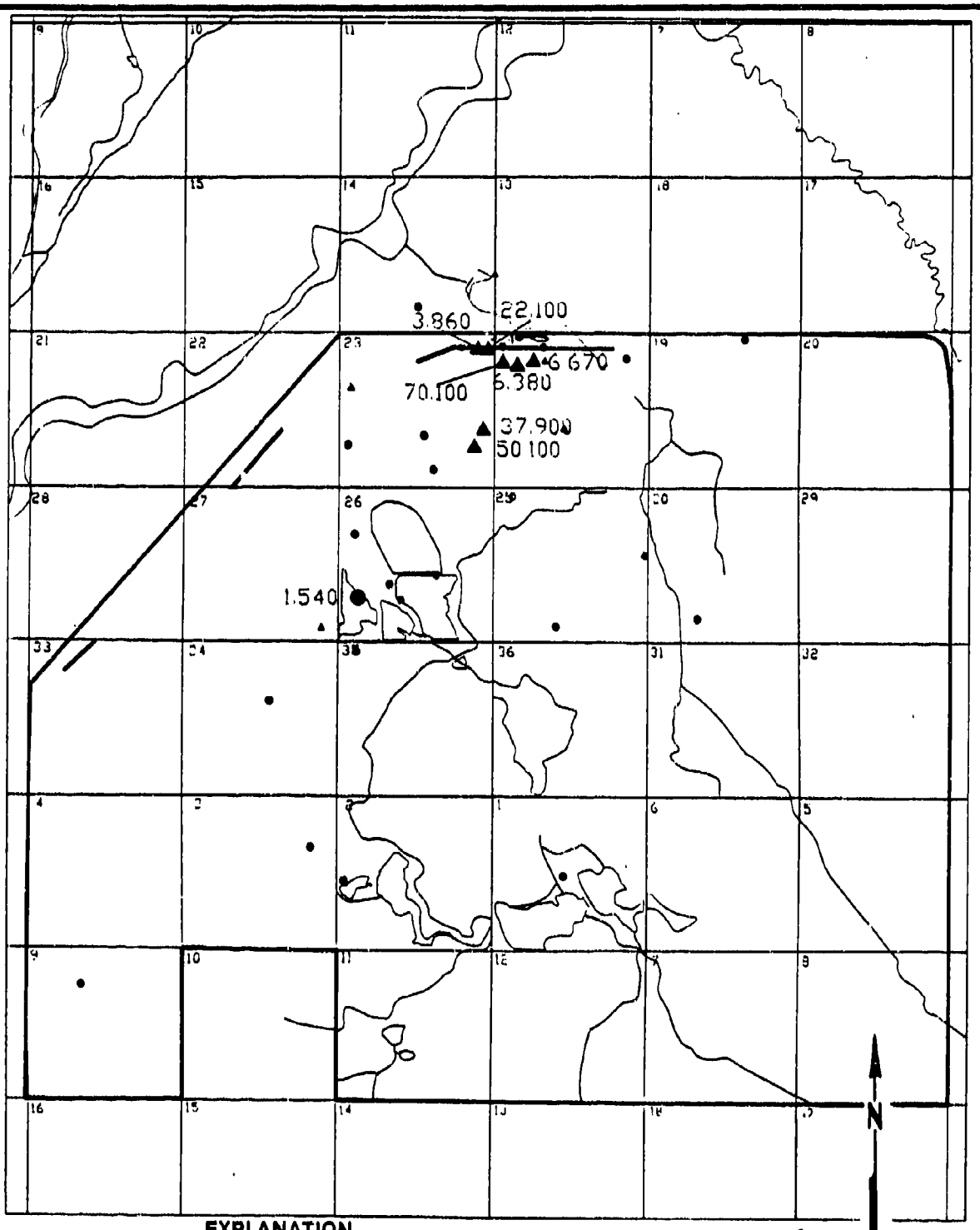
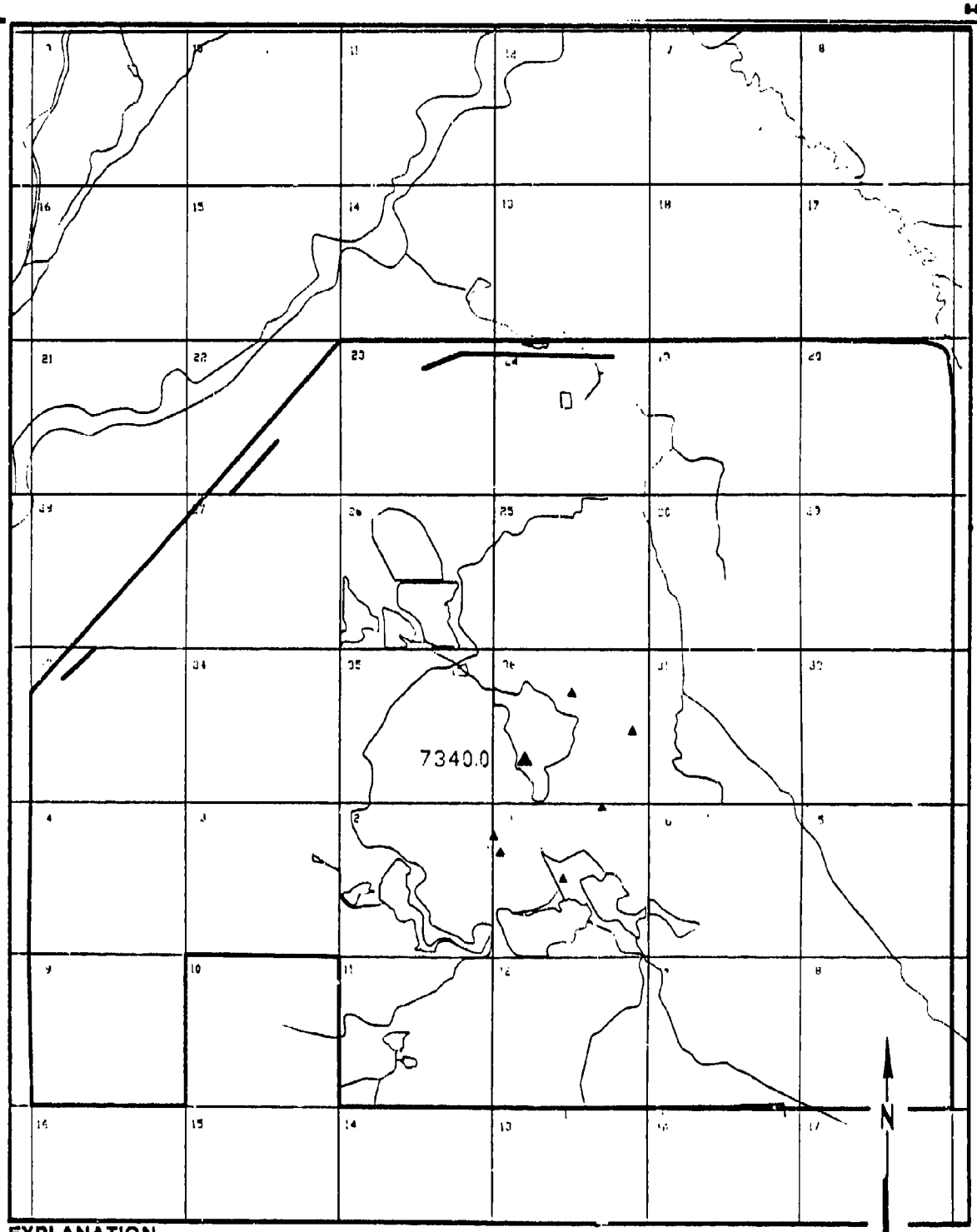


Figure D-116

TETRACHLOROETHYLENE DETECTIONS
DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-117
METHYLENE CHLORIDE DETECTIONS
DENVER ZONE VC/VCE 3RD QUARTER FY1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

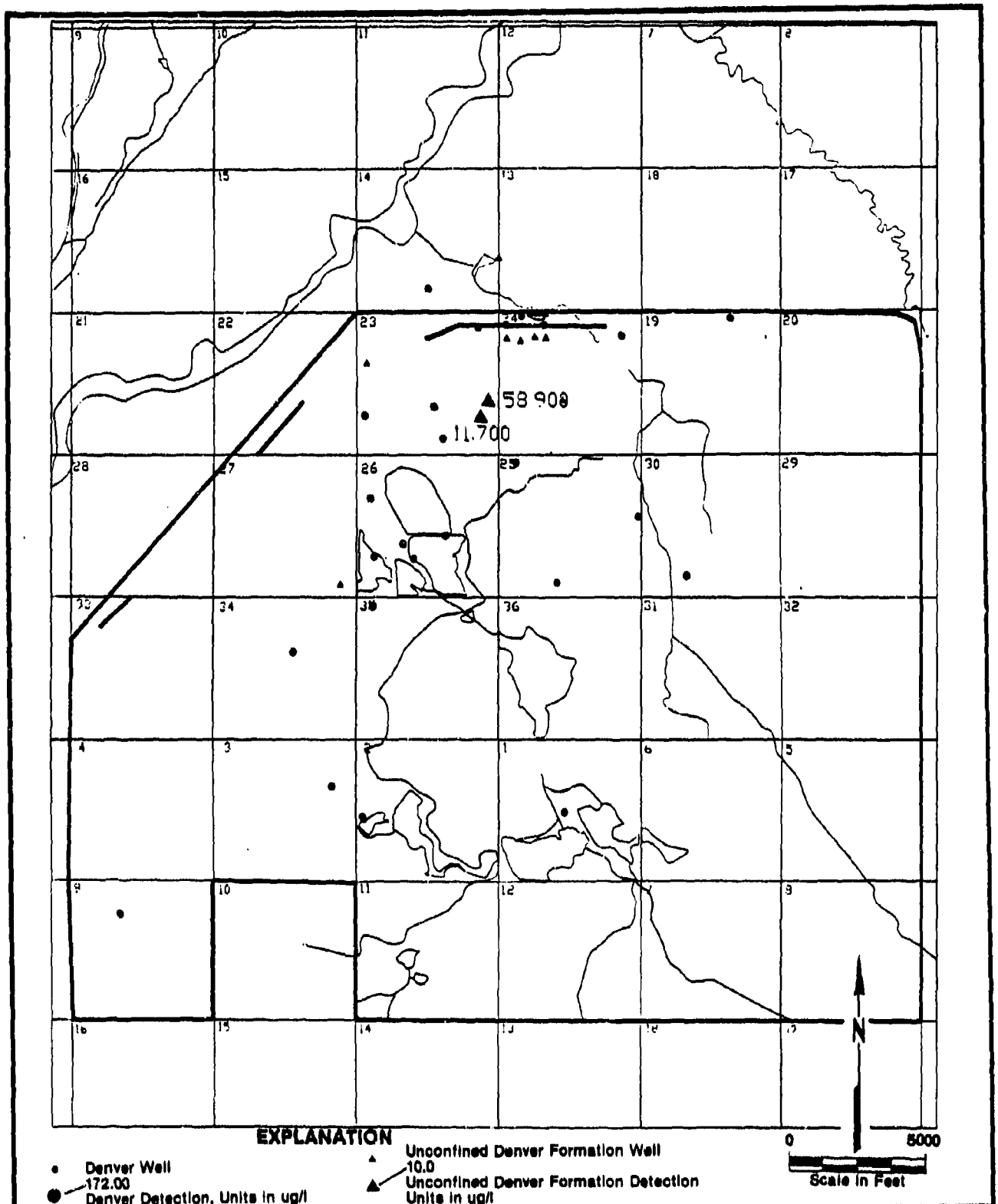


Figure D-118

METHYLENE CHLORIDE DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

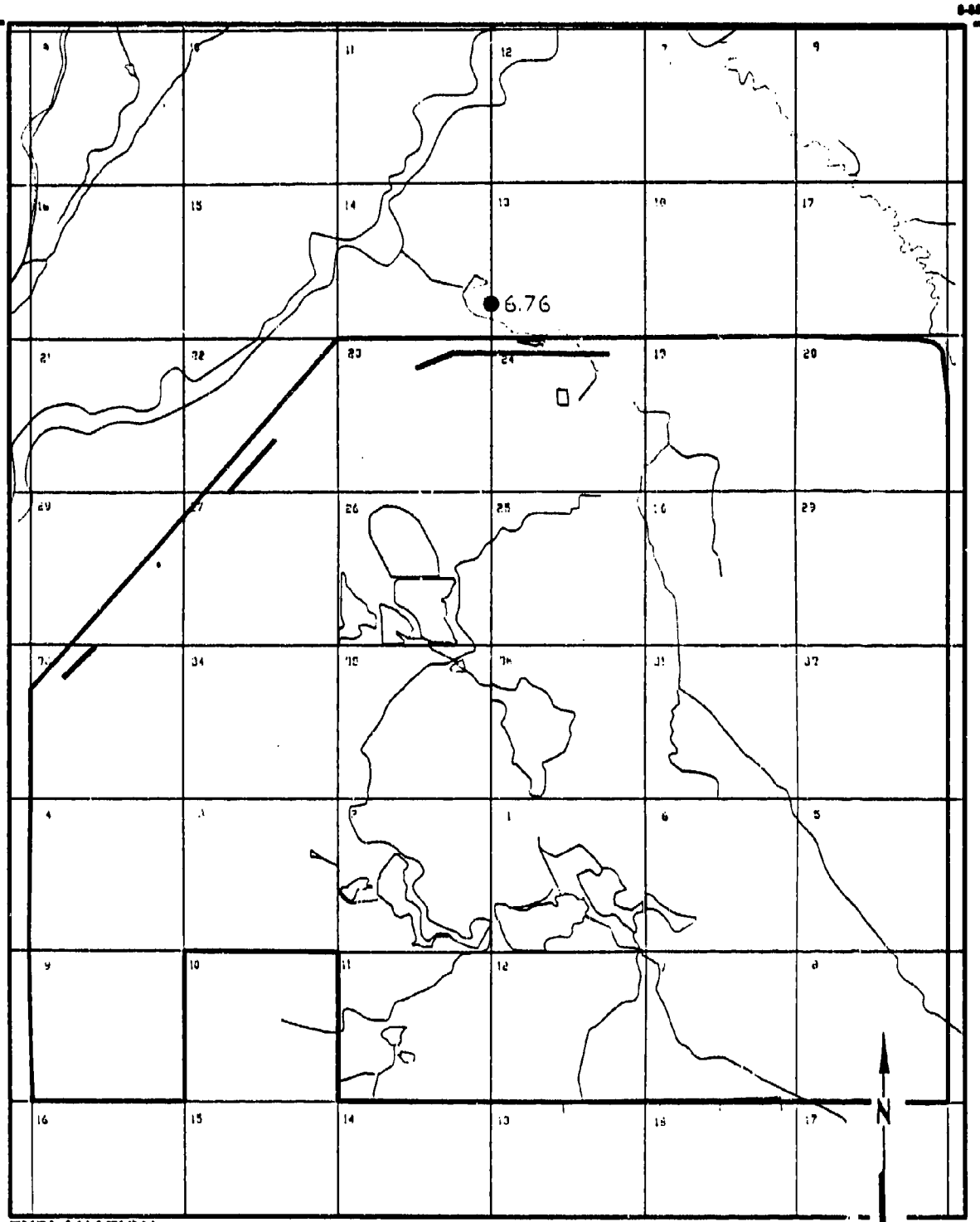


Figure D-119
METHYLENE CHLORIDE DETECTIONS
DENVER ZONE 6 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

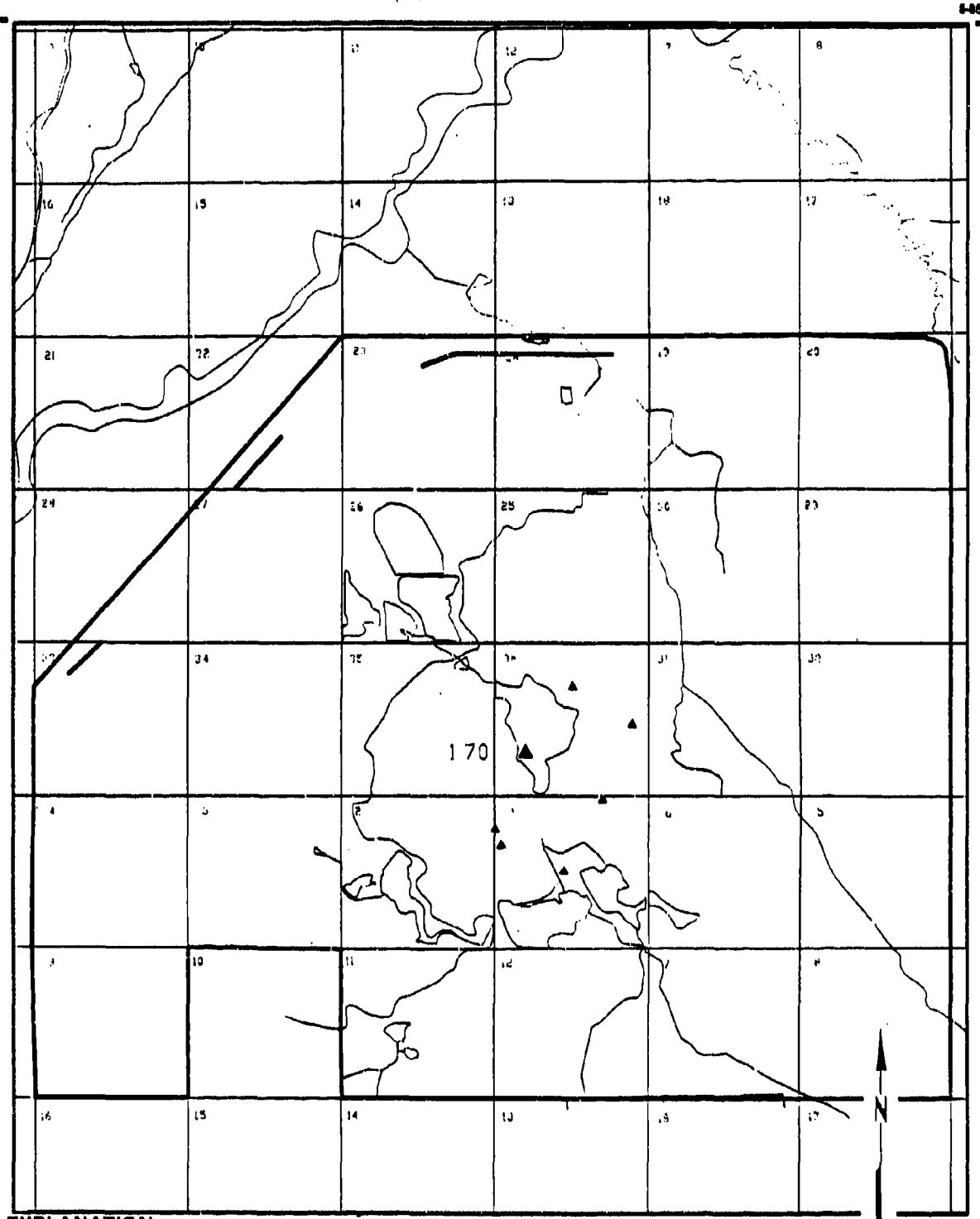


Figure D-120
1,1 DICHLOROETHENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

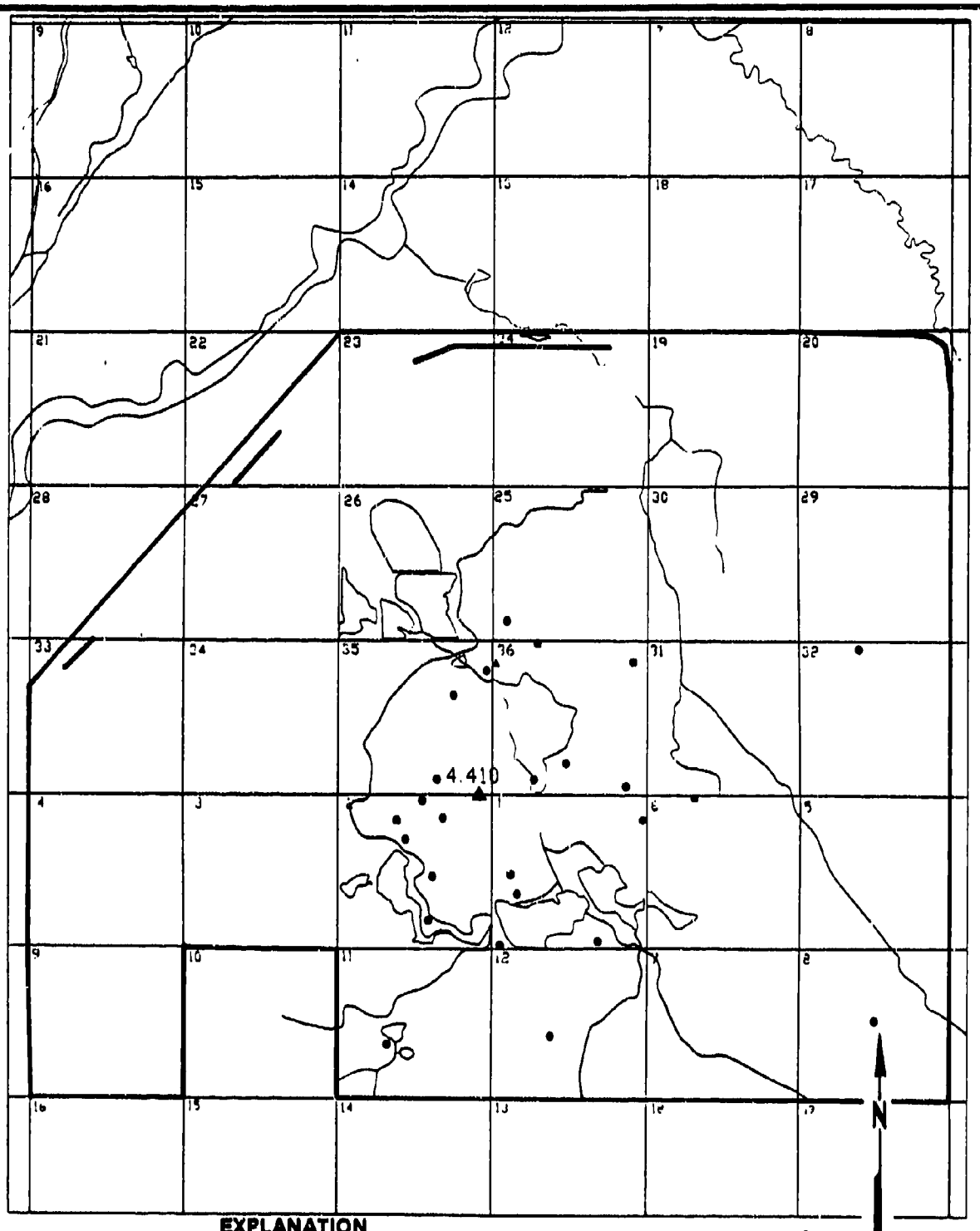


Figure D-121

1,1-DICHLOROETHENE DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

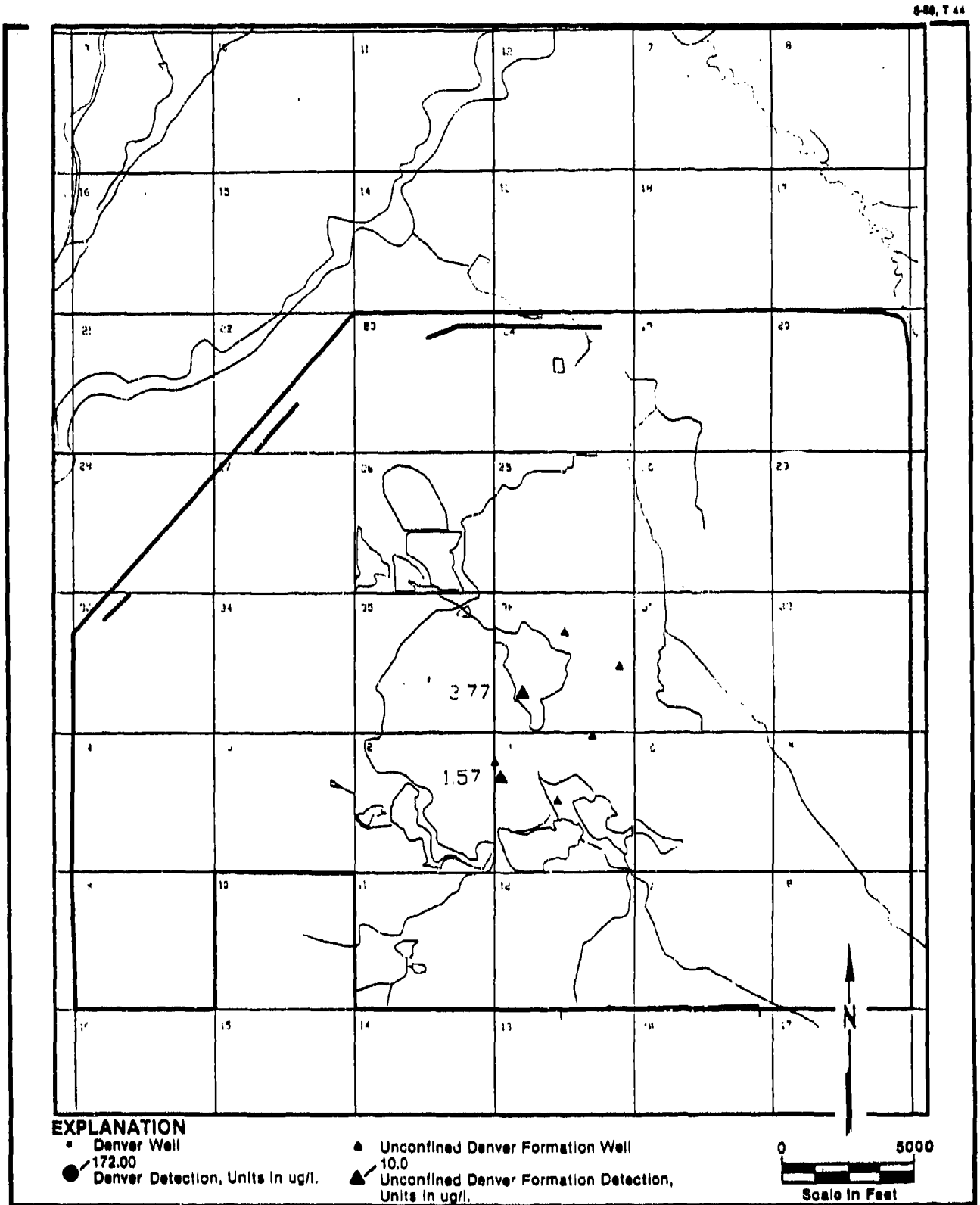


Figure D-122

1,1 DICHLOROETHANE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

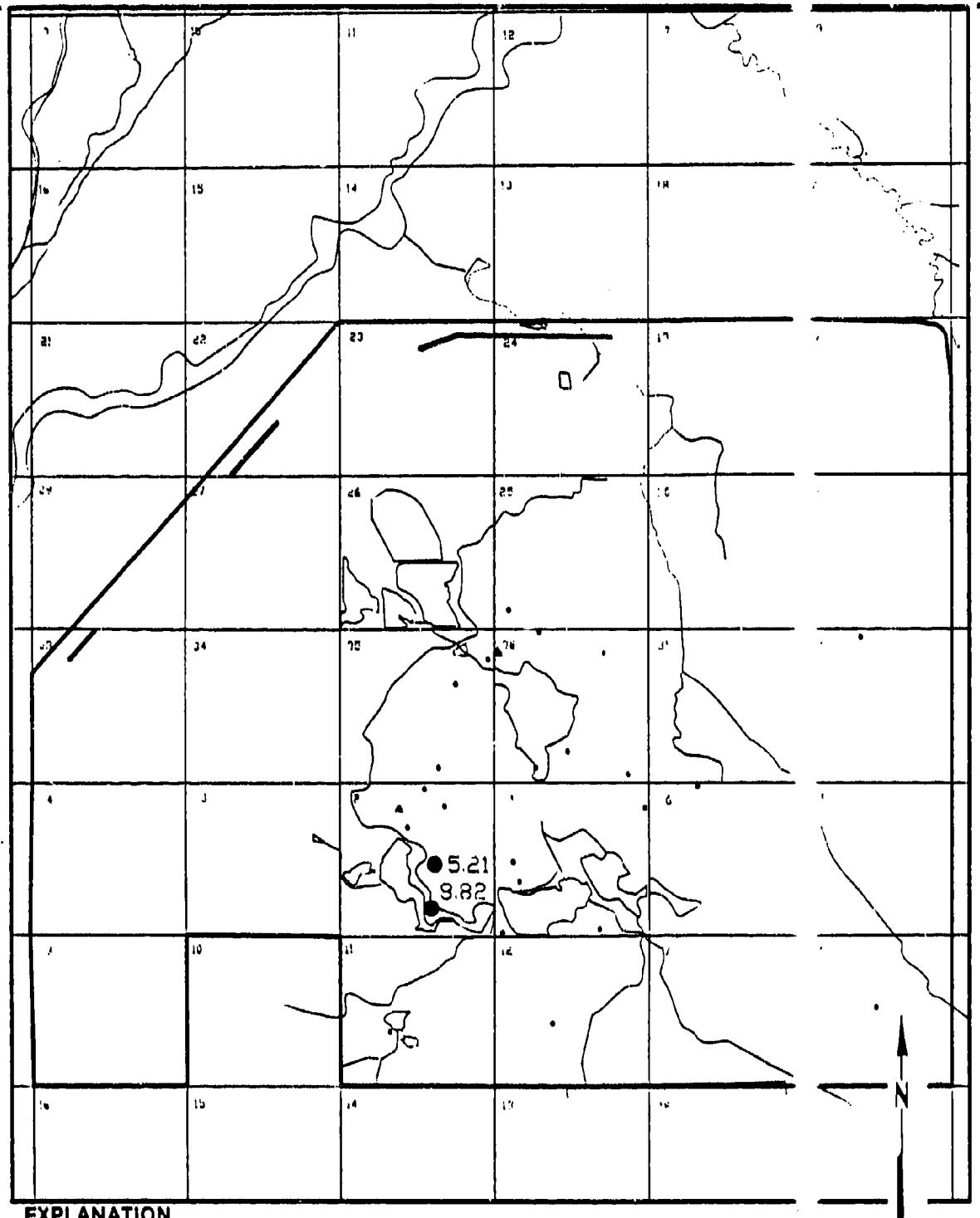


Figure D-123
1,1 DICHLOROETHANE DETECTIONS DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

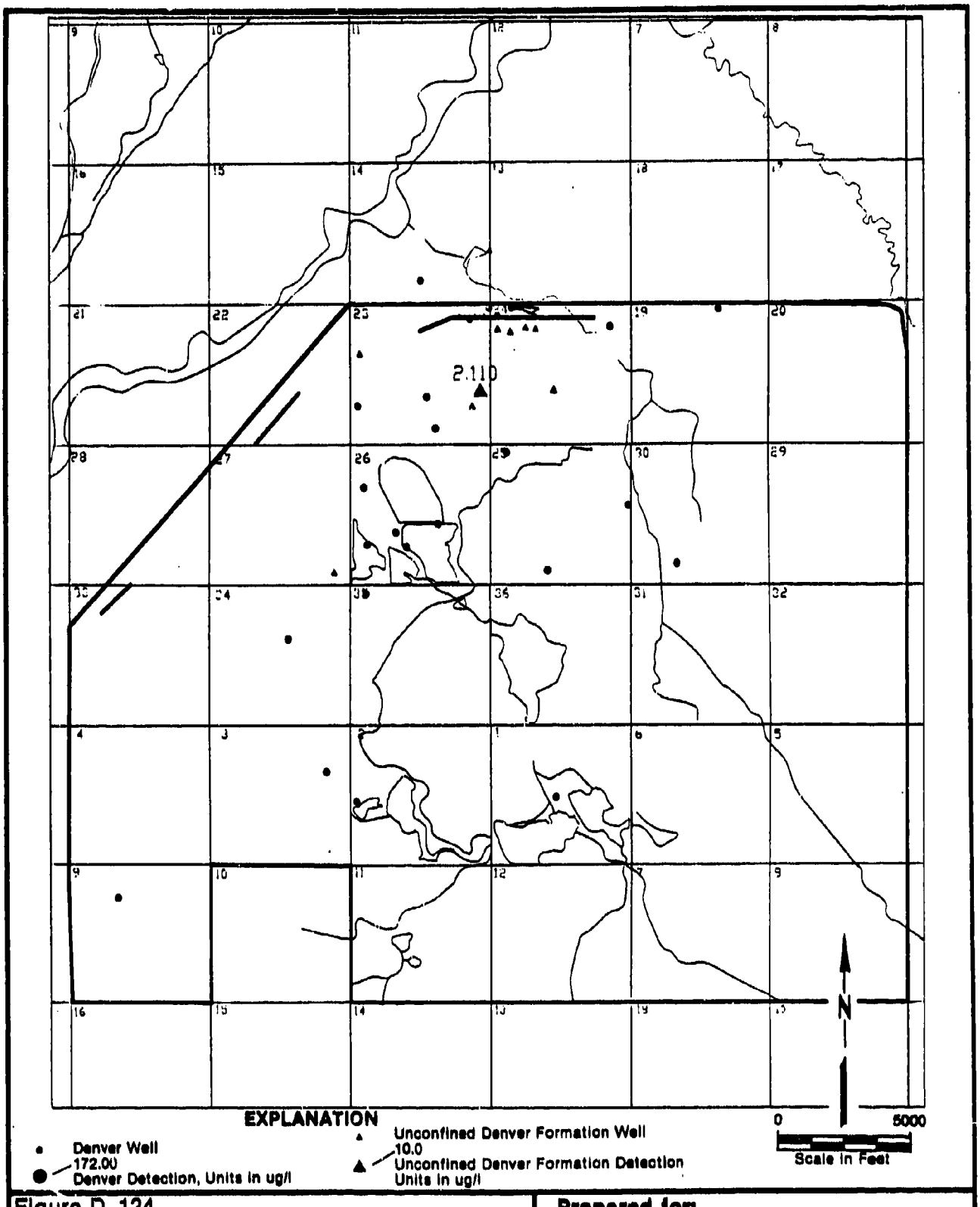


Figure D-124

1,1-DICHLOROETHENE DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

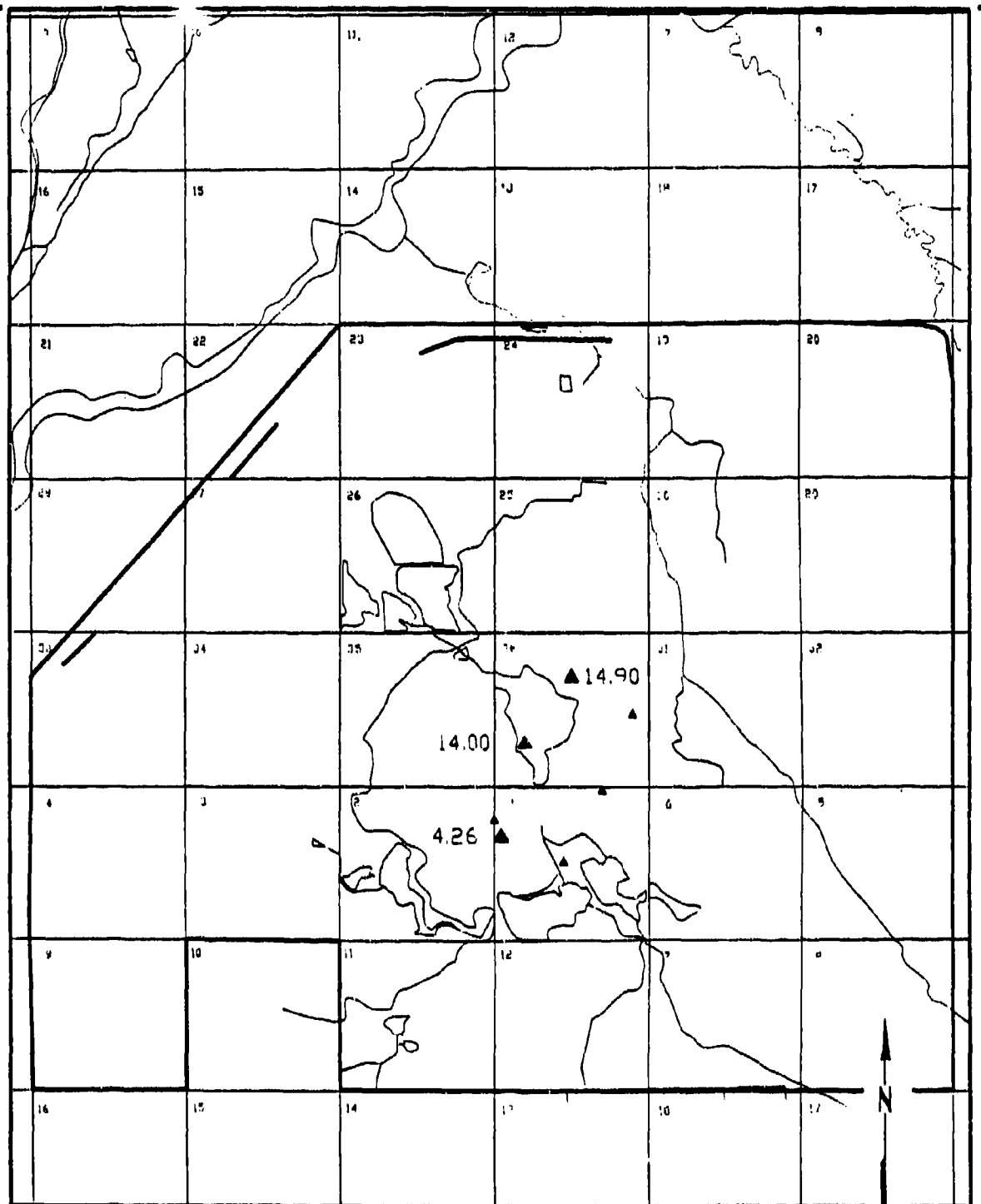


Figure D-125

T.1,2 DICHLOROETHENE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER FY1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

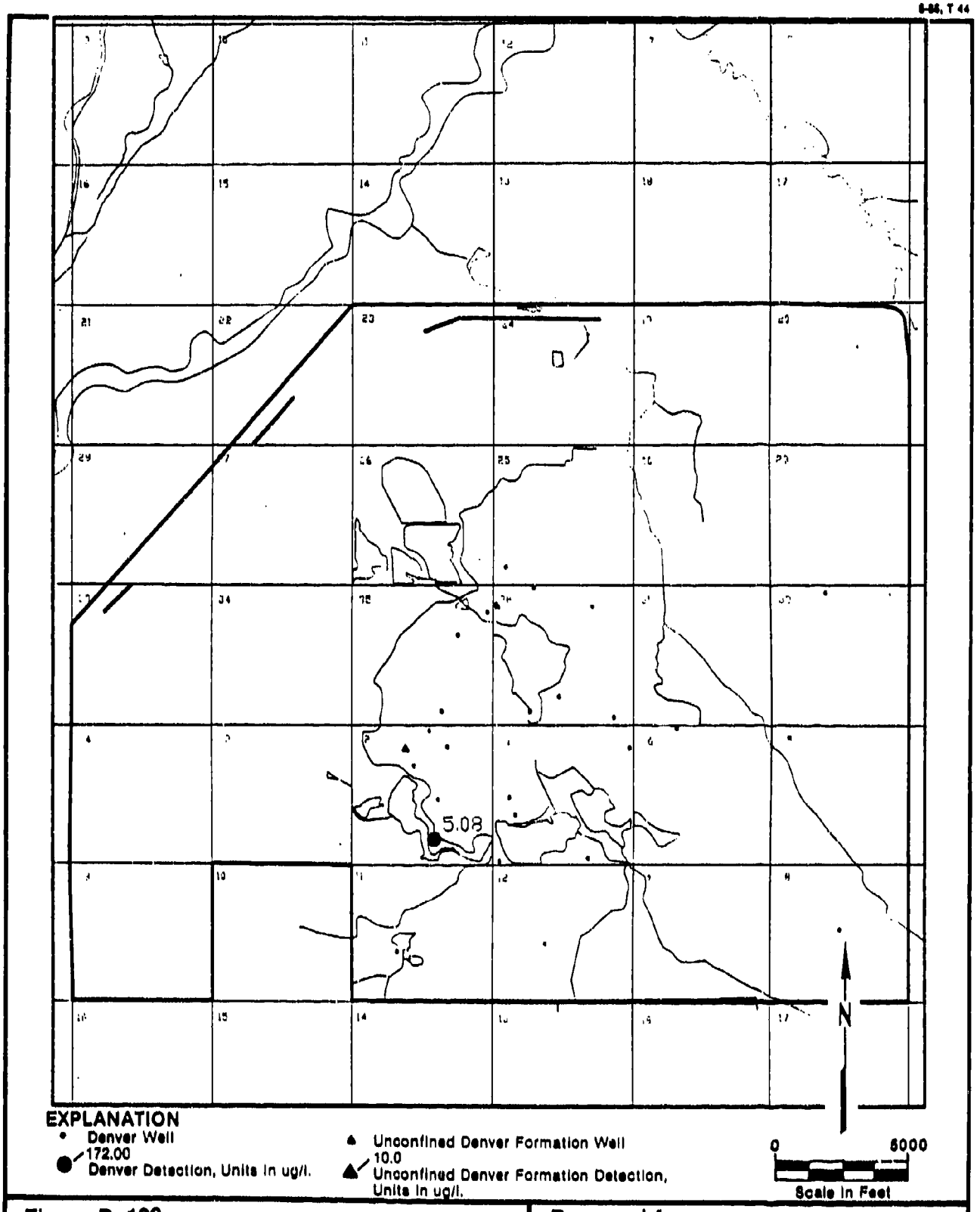
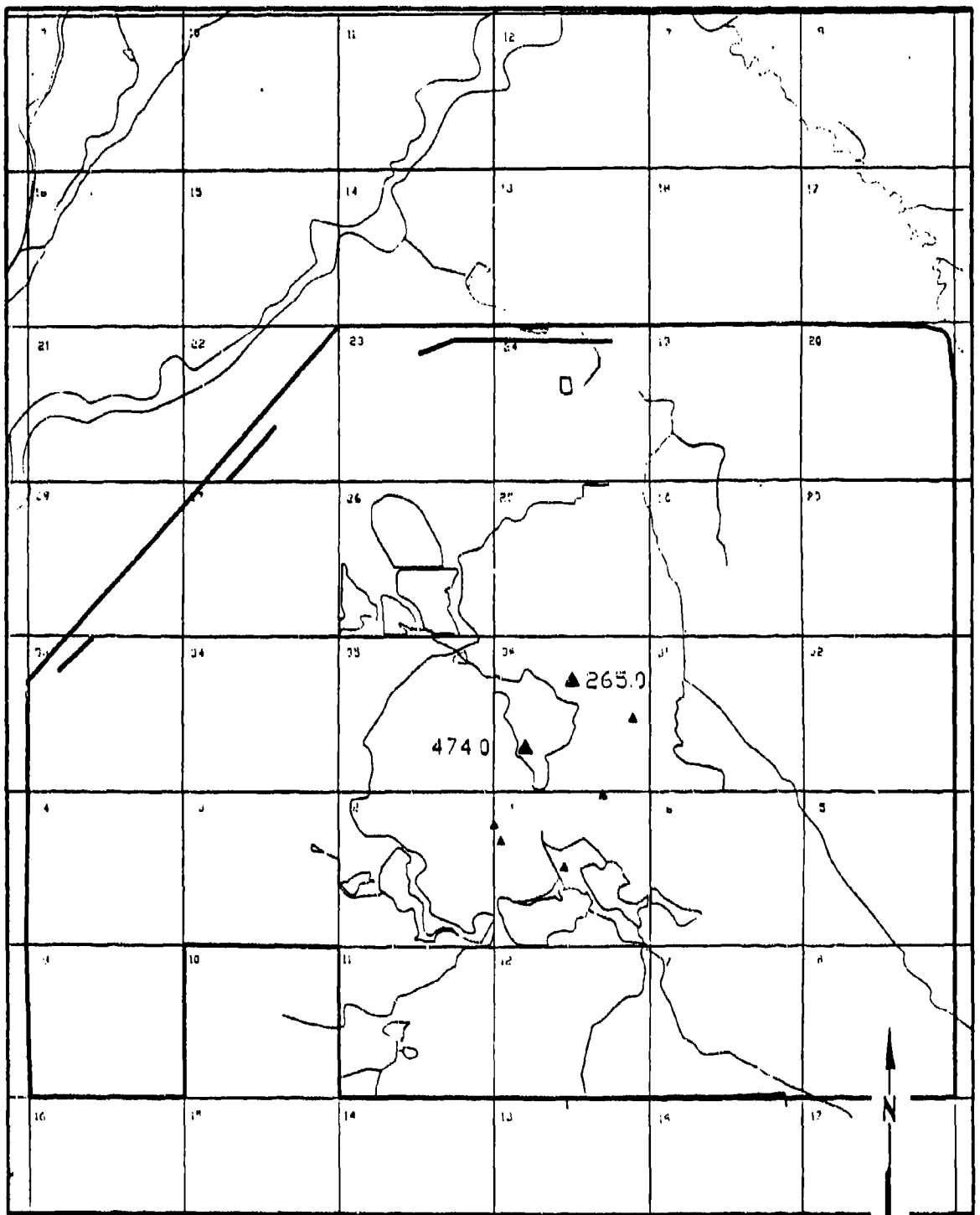


Figure D-126
T.1,2 DICHLOROETHENE DETECTIONS
DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-127
1,2 DICHLOROETHANE DETECTIONS
DENVER ZONE VC/VCE 3RD QUARTER FY1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

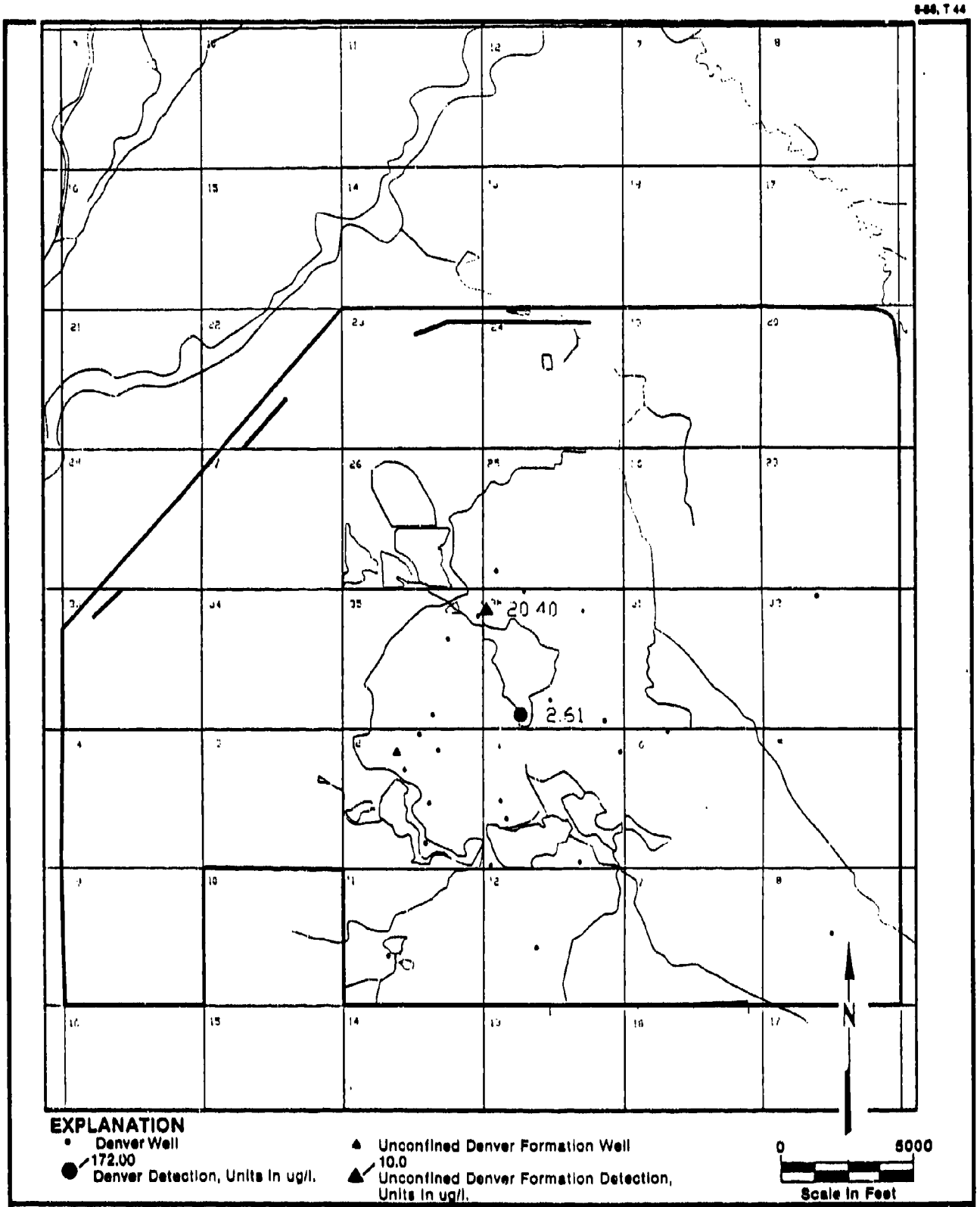


Figure D-128
1,2 DICHLOROETHANE DETECTIONS
DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

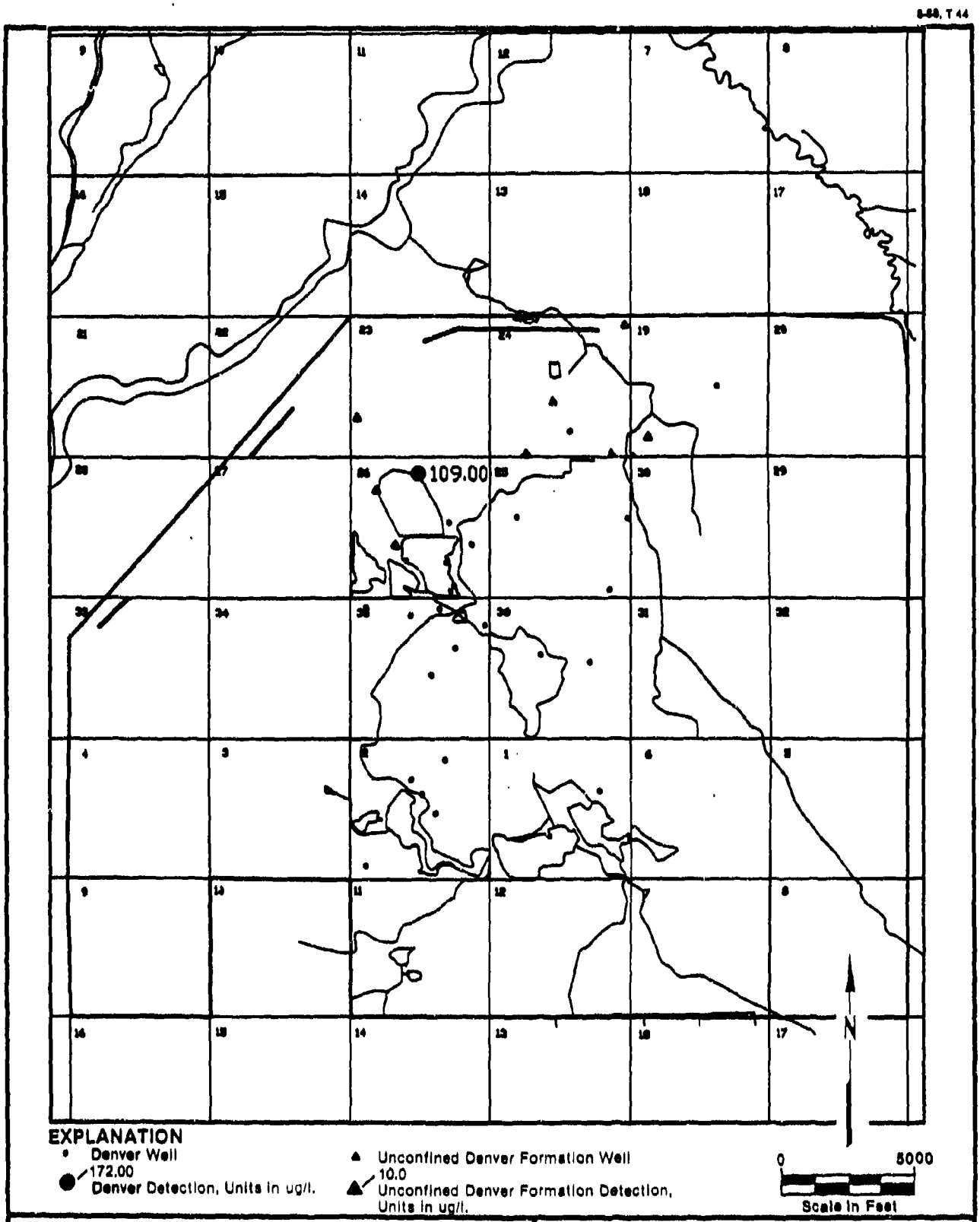
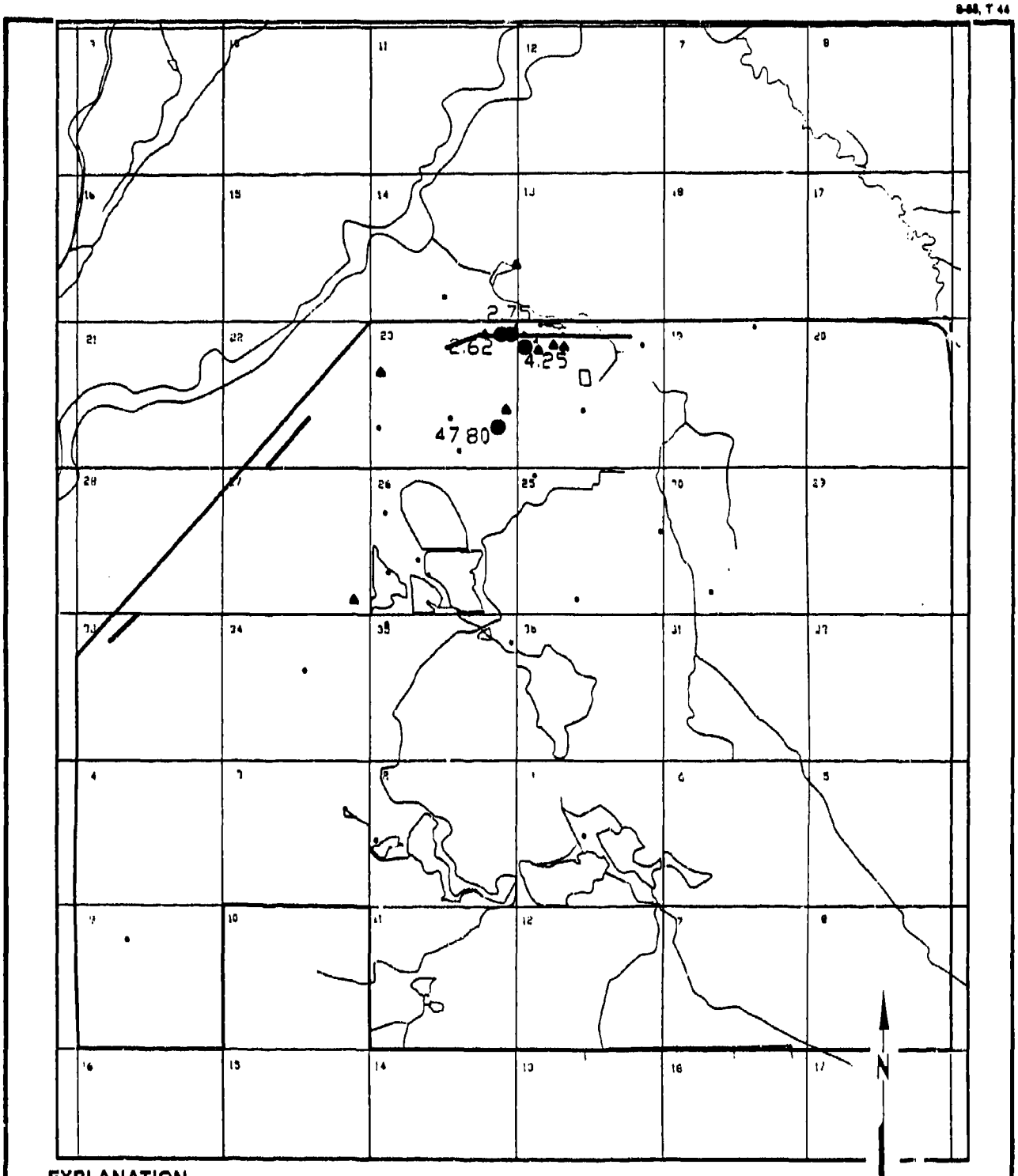


Figure D-129

1,2 DICHLOROETHANE DETECTIONS DENVER ZONE 1 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-130

1,2 DICHLOROETHANE DETECTIONS
DENVER ZONE 2 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

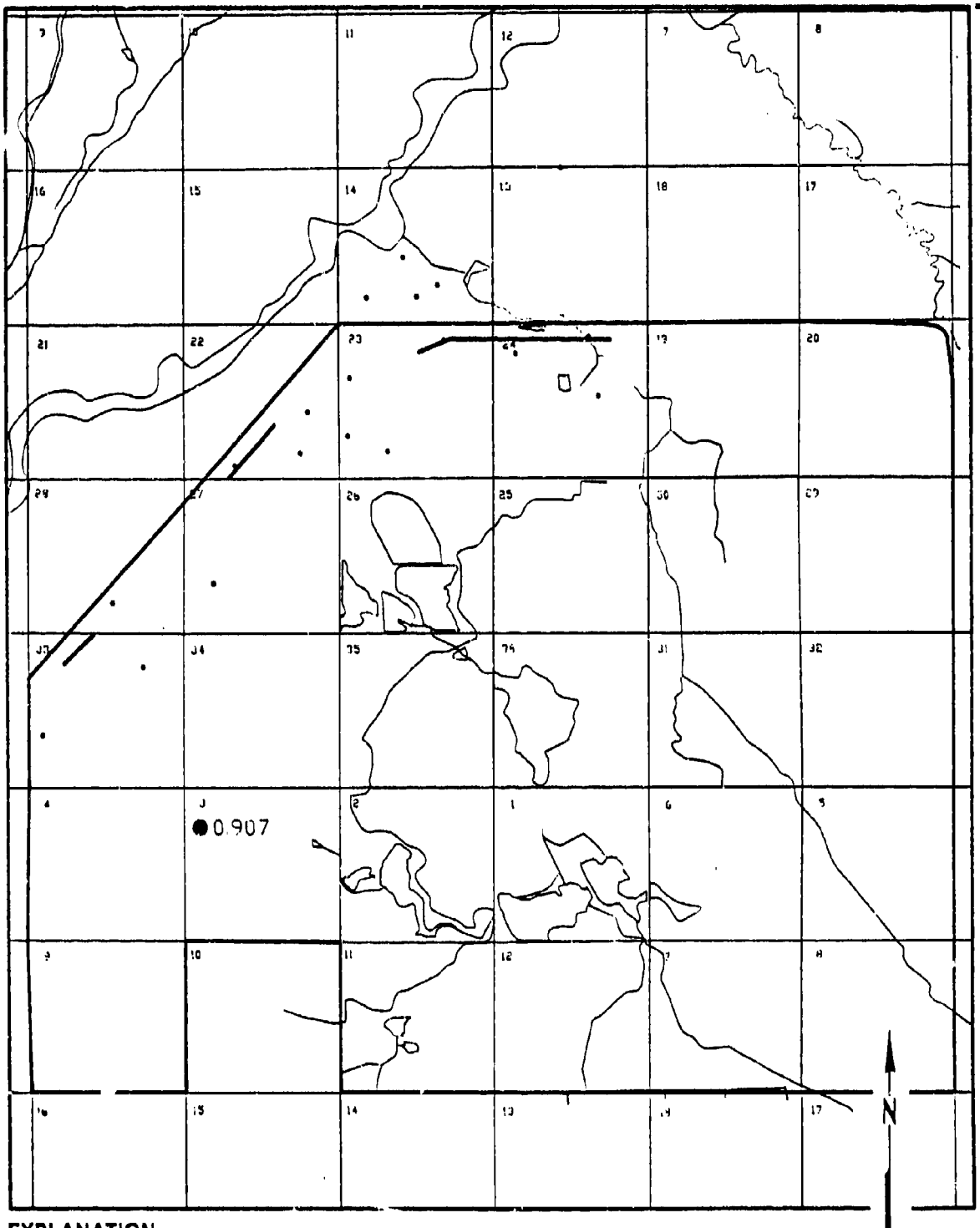


Figure D-131
1,2 DICHLOROETHANE DETECTIONS
DENVER ZONE 4 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

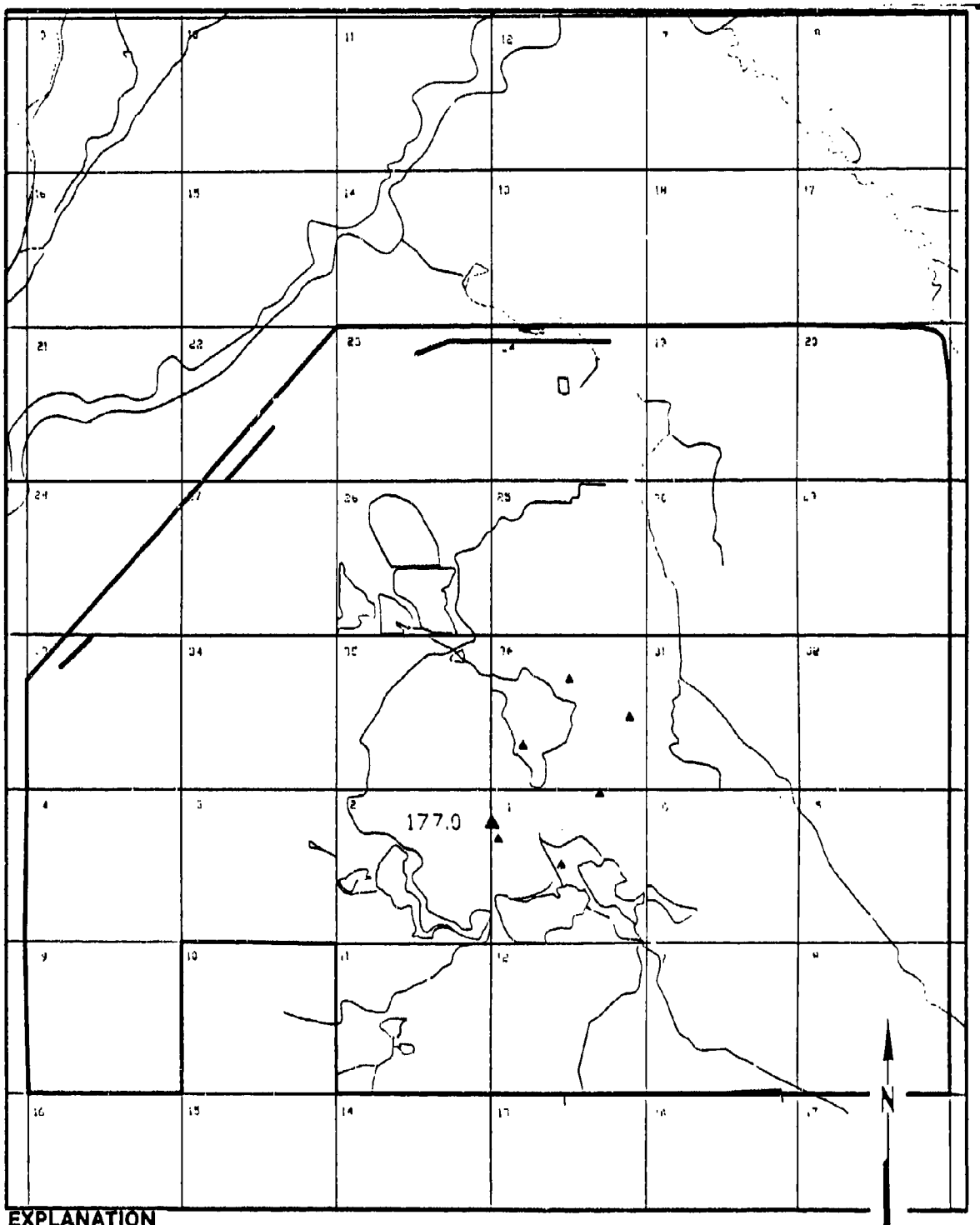


Figure D-132
CARBON TETRACHLORIDE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER, FY 1987
SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

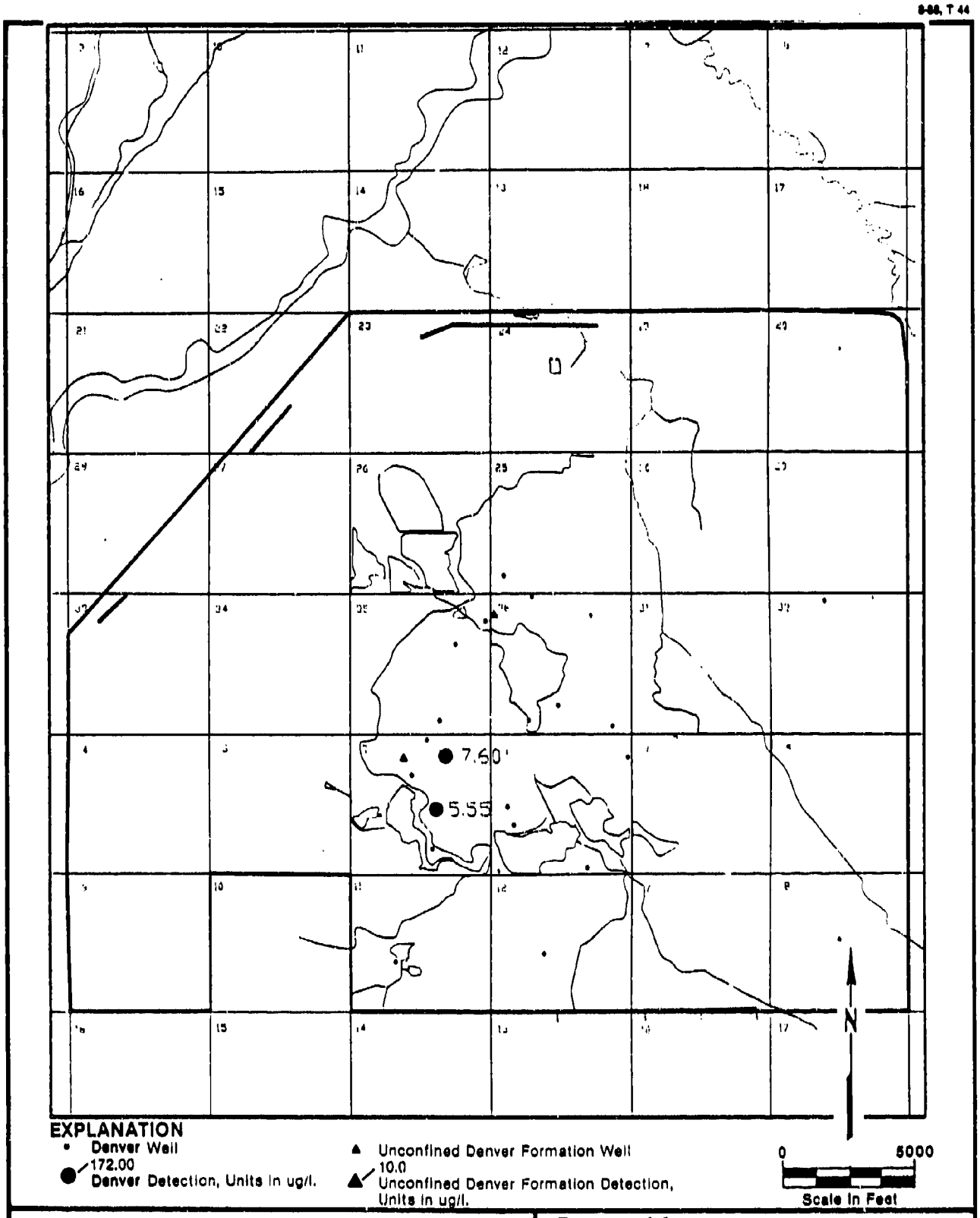


Figure D-133

CARBON TETRACHLORIDE DETECTIONS
DENVER ZONE A 3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

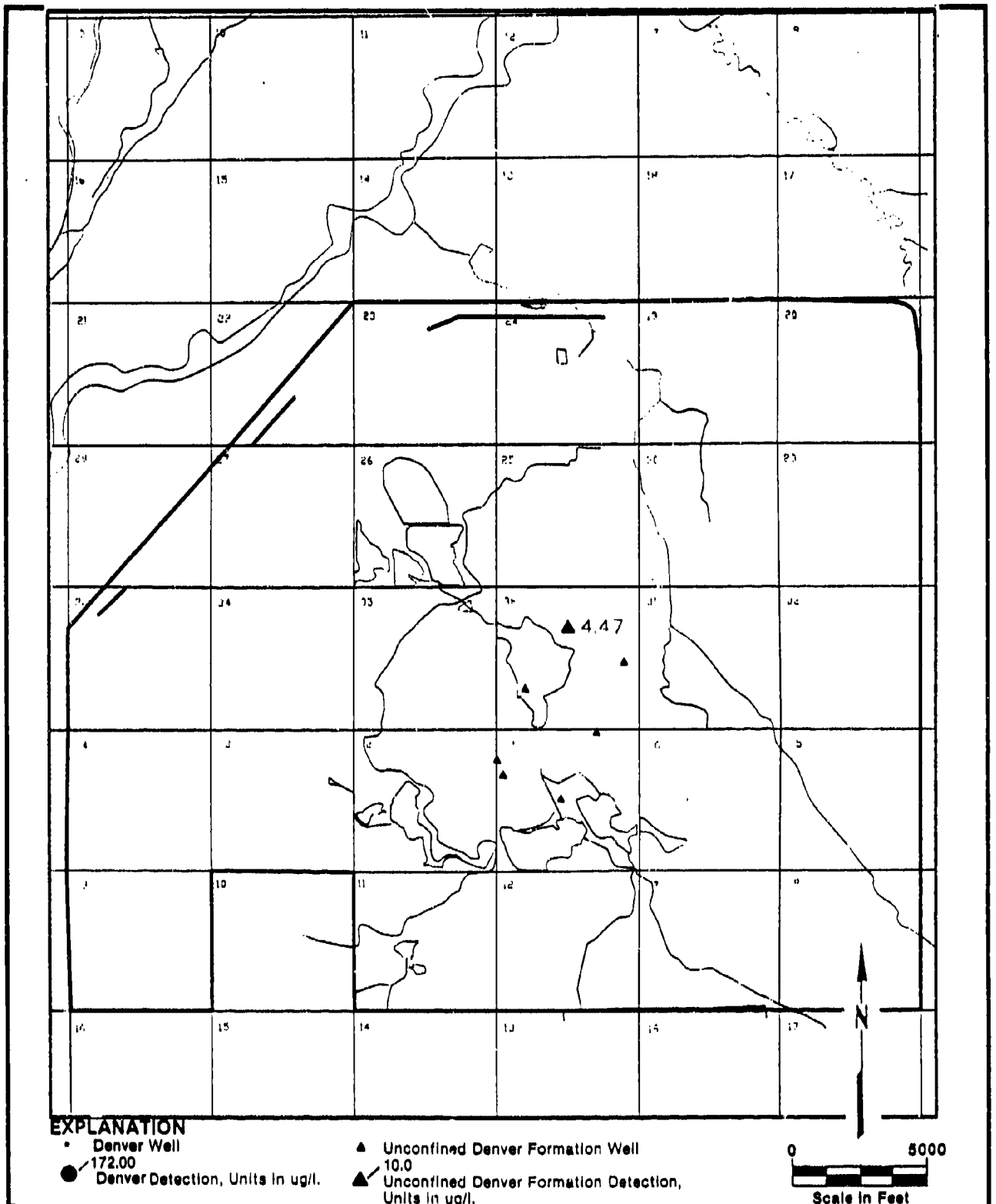


Figure D-134
1,1,2 TRICHLOROETHANE DETECTIONS DENVER ZONE VC/VCE 3RD QUARTER, FY 1987
SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

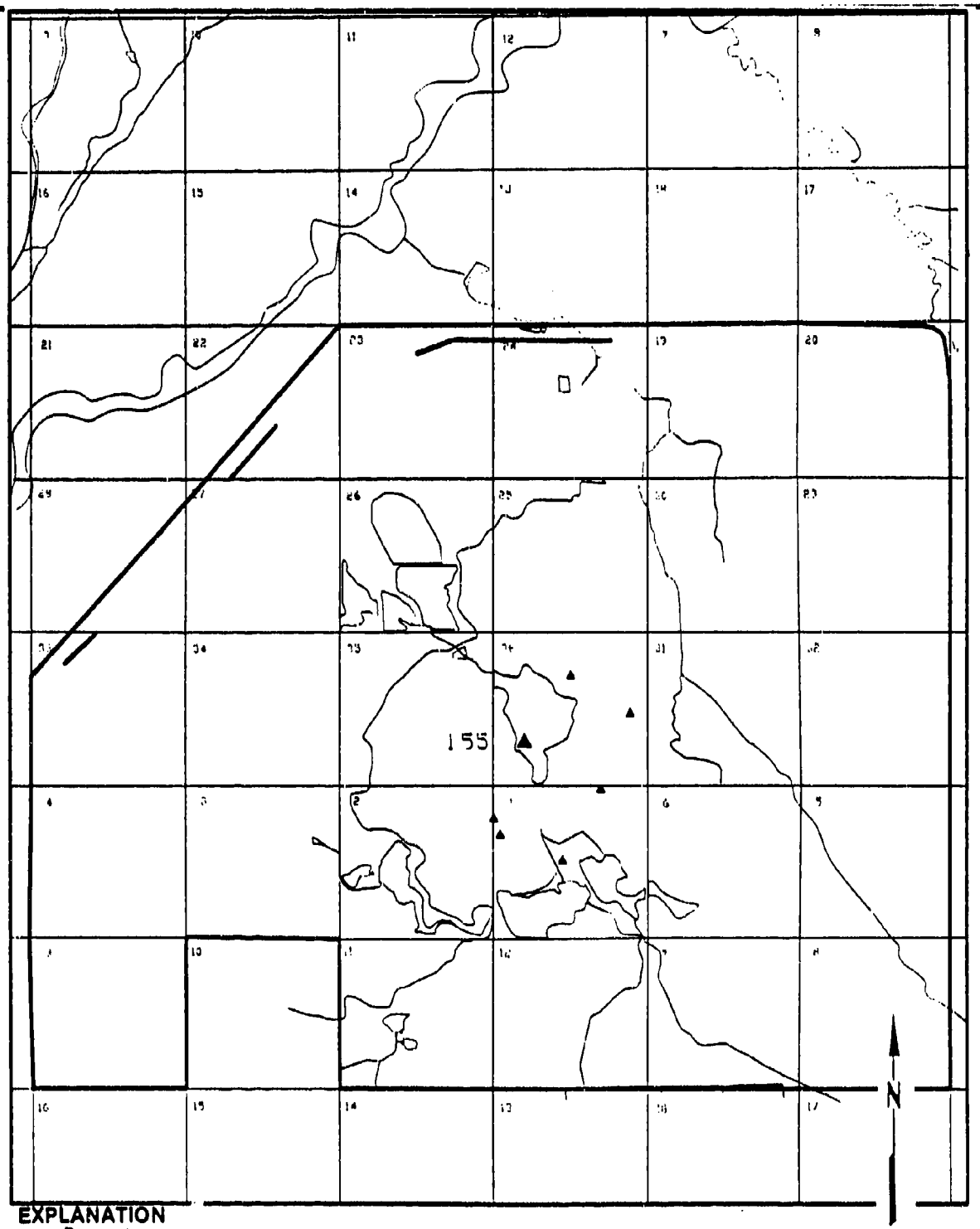


Figure D-135
DBCP DETECTIONS DENVER ZONE VC/VCE
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

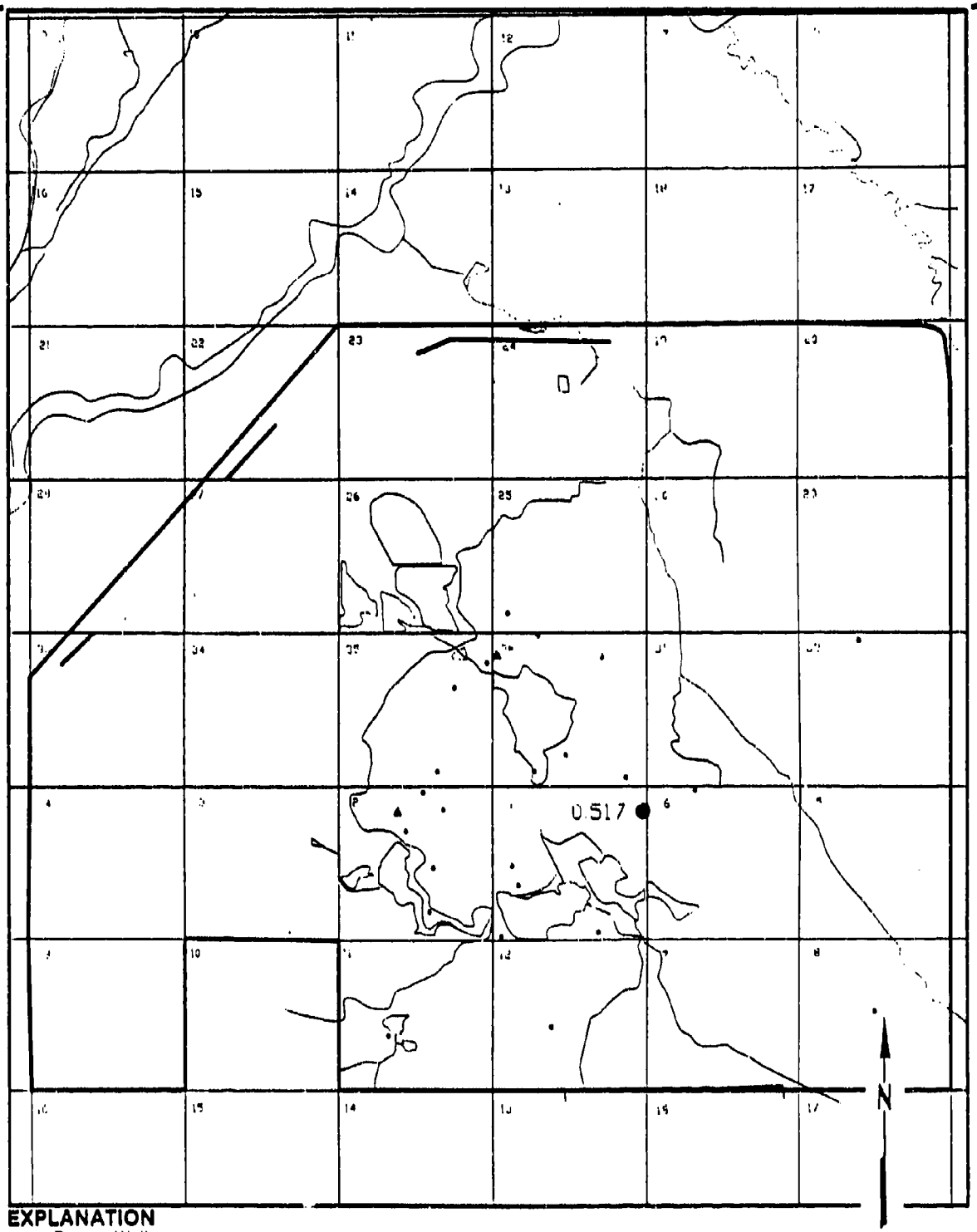


Figure D-136
DBCP DETECTIONS DENVER ZONE A
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

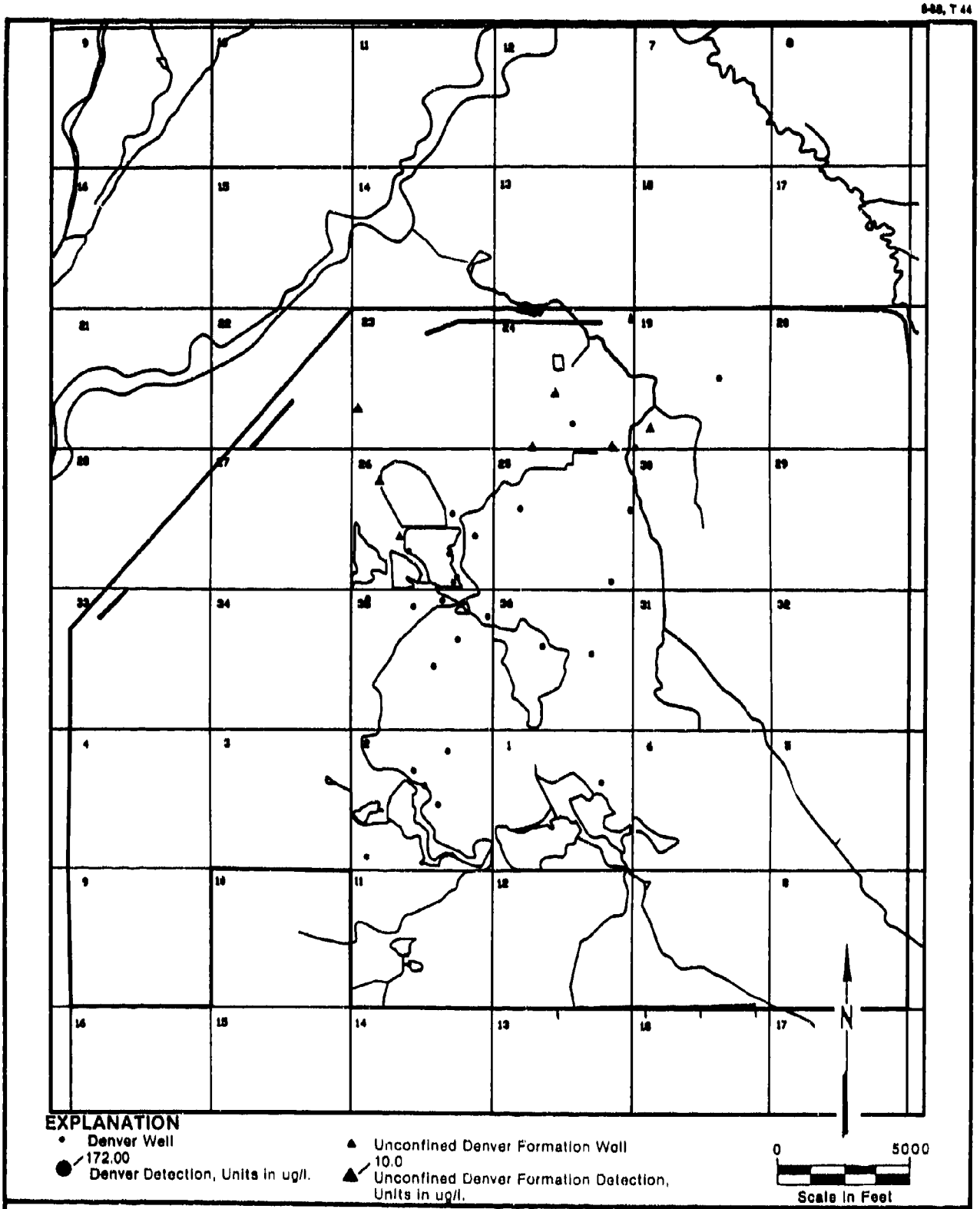


Figure D-137
DBCP DETECTIONS DENVER ZONE 1
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

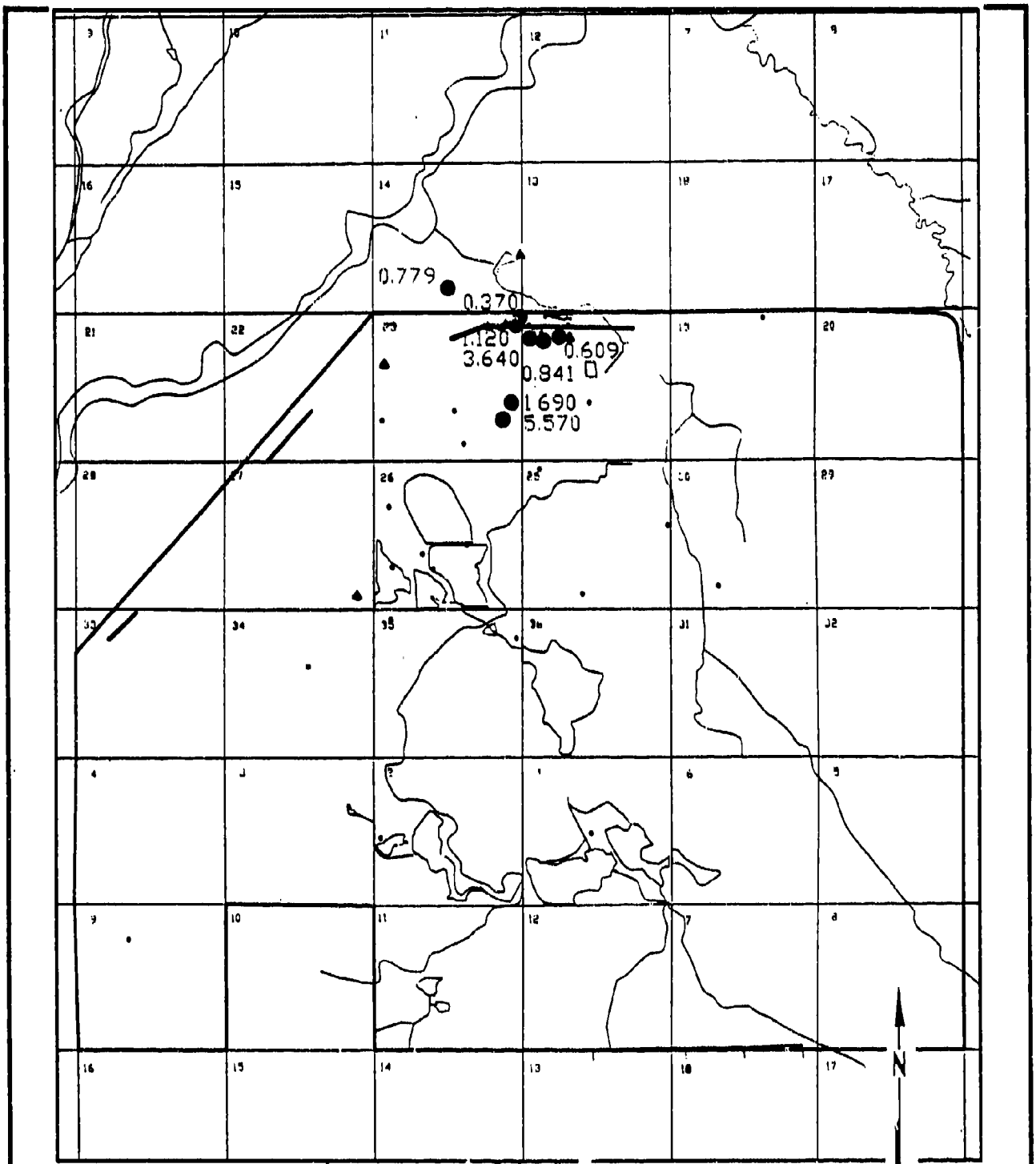
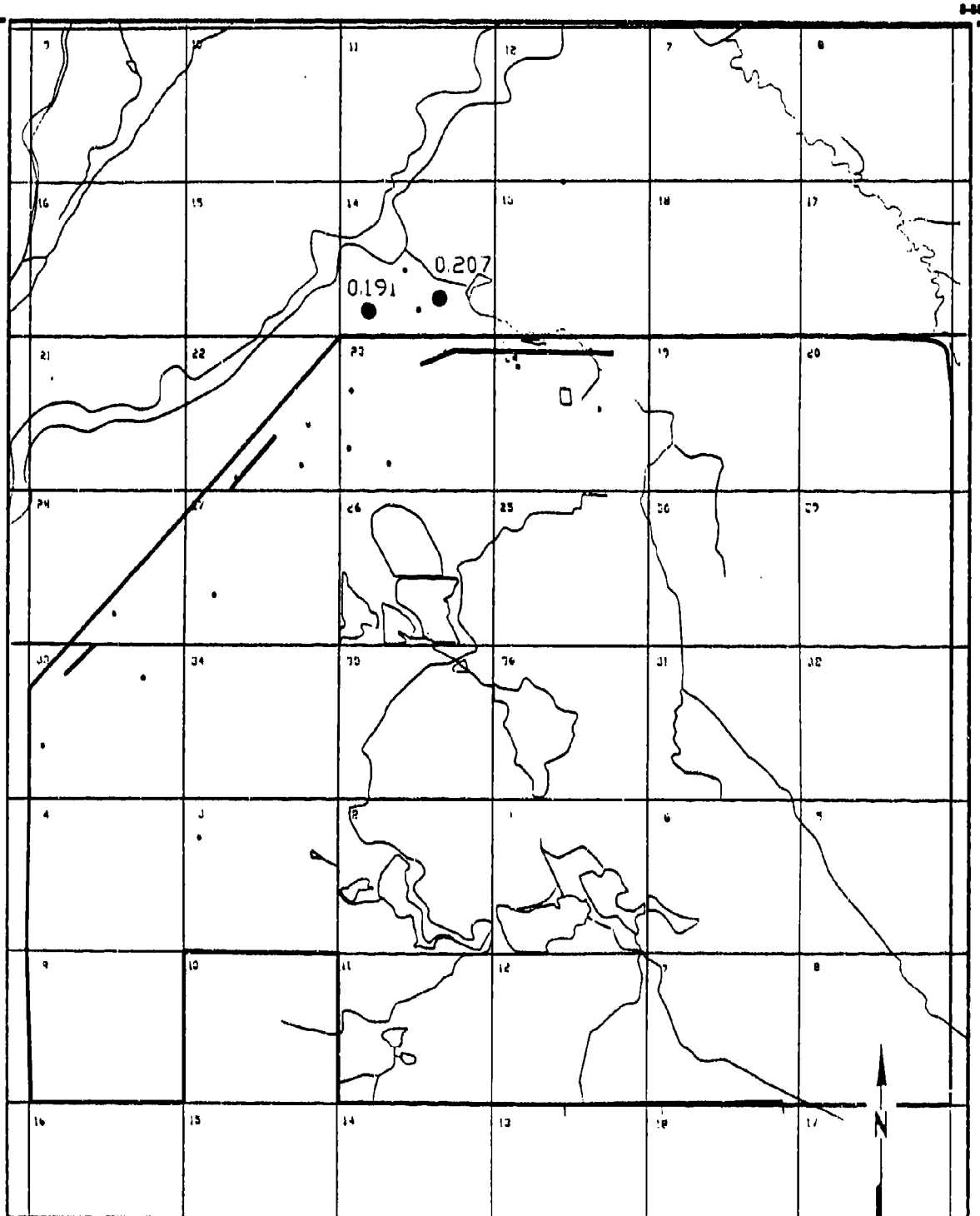


Figure D-138
DBCP DETECTIONS DENVER ZONE 2
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-139
DBCP DETECTIONS DENVER ZONE 4
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

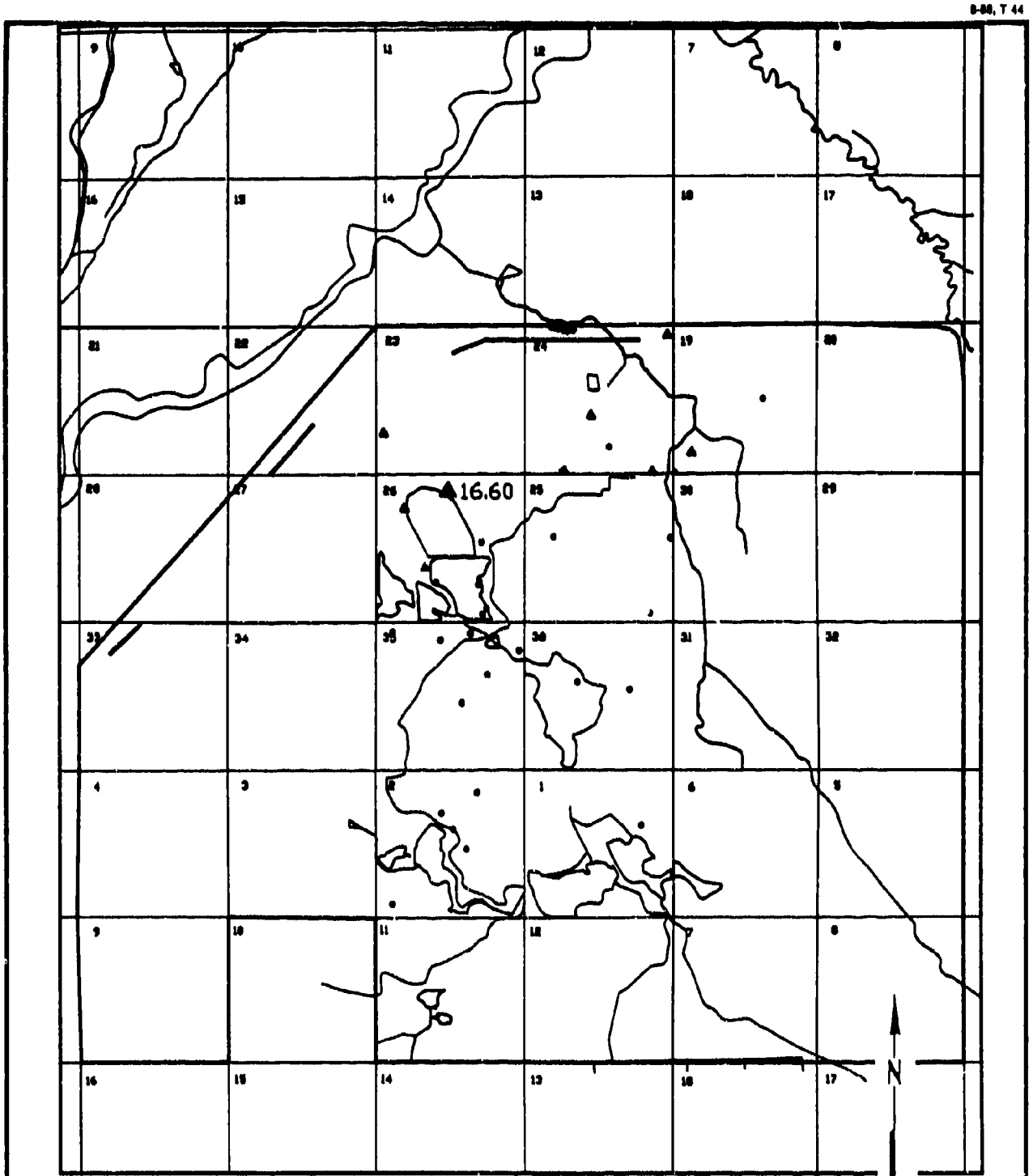


Figure D-140
DCPD DETECTIONS DENVER ZONE 1
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

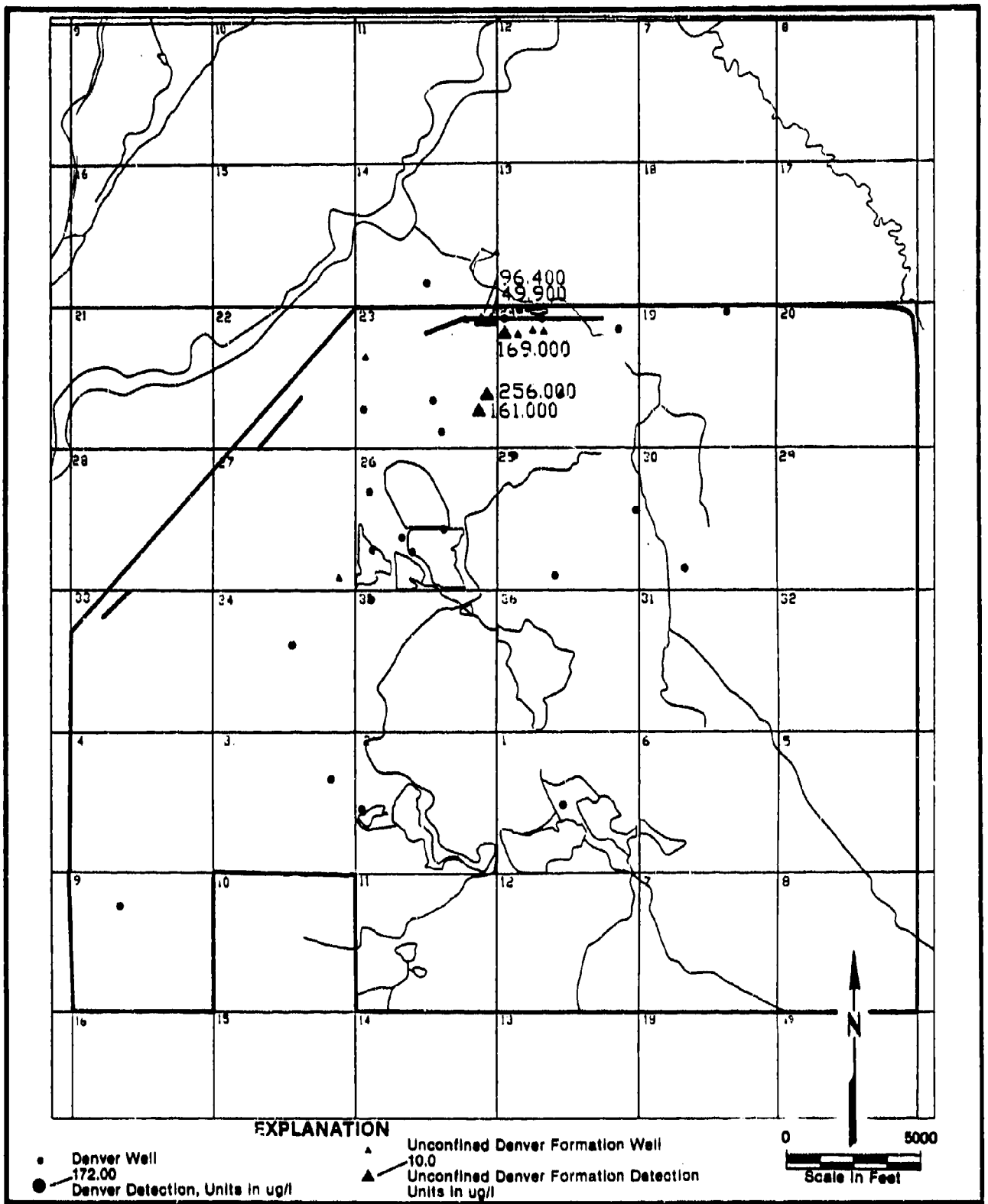
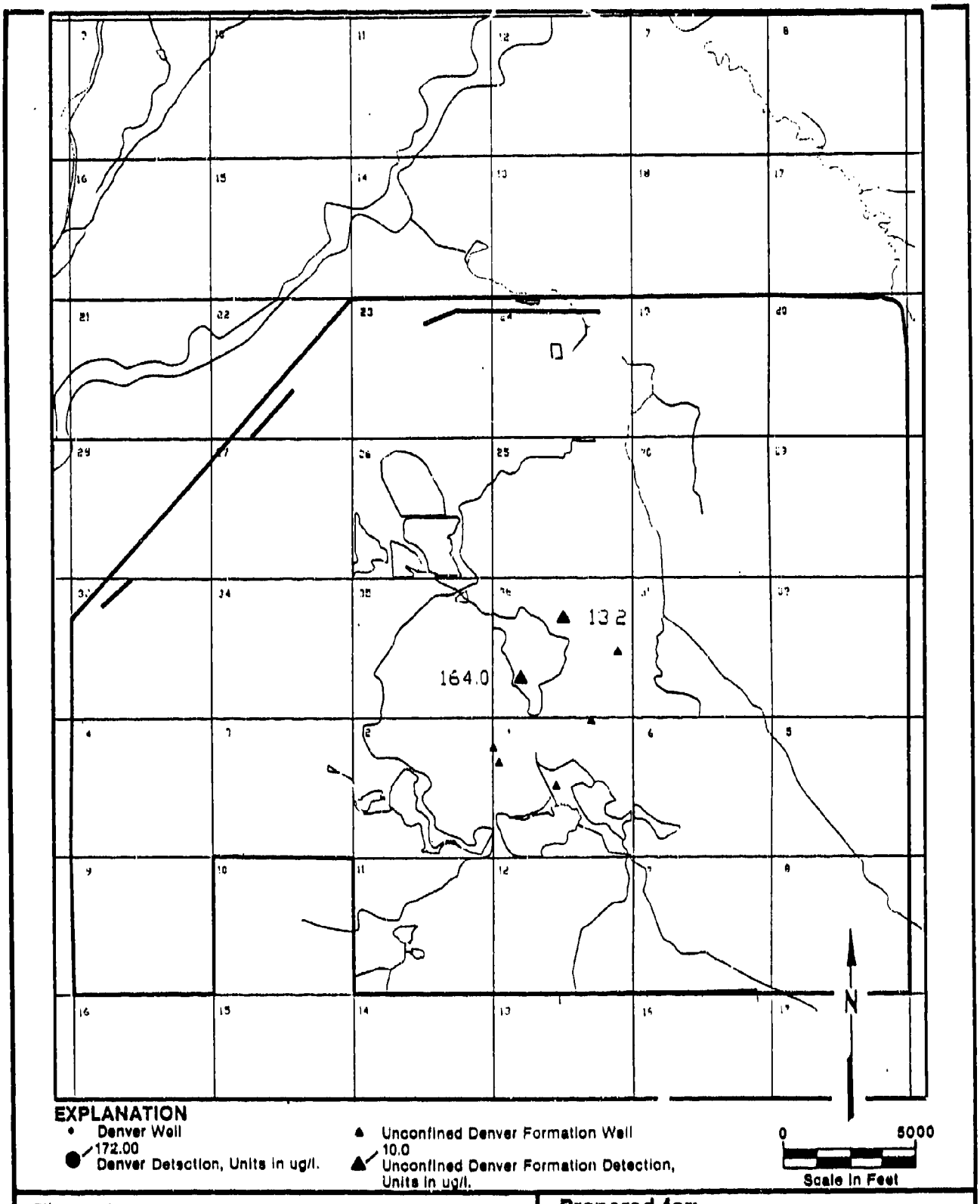


Figure D-141

DCPD DETECTIONS DENVER ZONE 2,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l.
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection, Units in ug/l.

Figure D-142
DIMP DETECTIONS DENVER ZONE VC/VCE
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

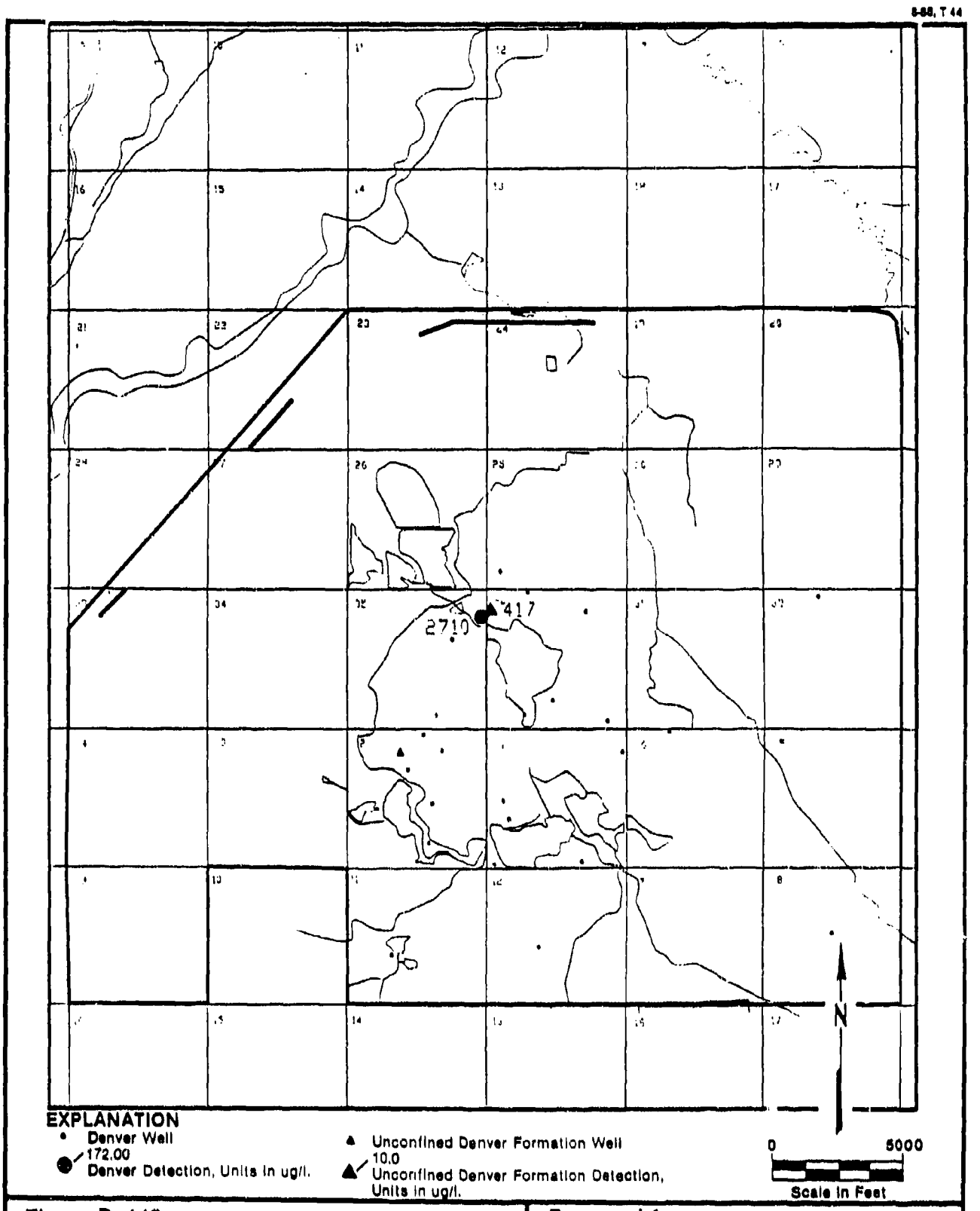


Figure D-143
DIMP DETECTIONS DENVER ZONE A
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

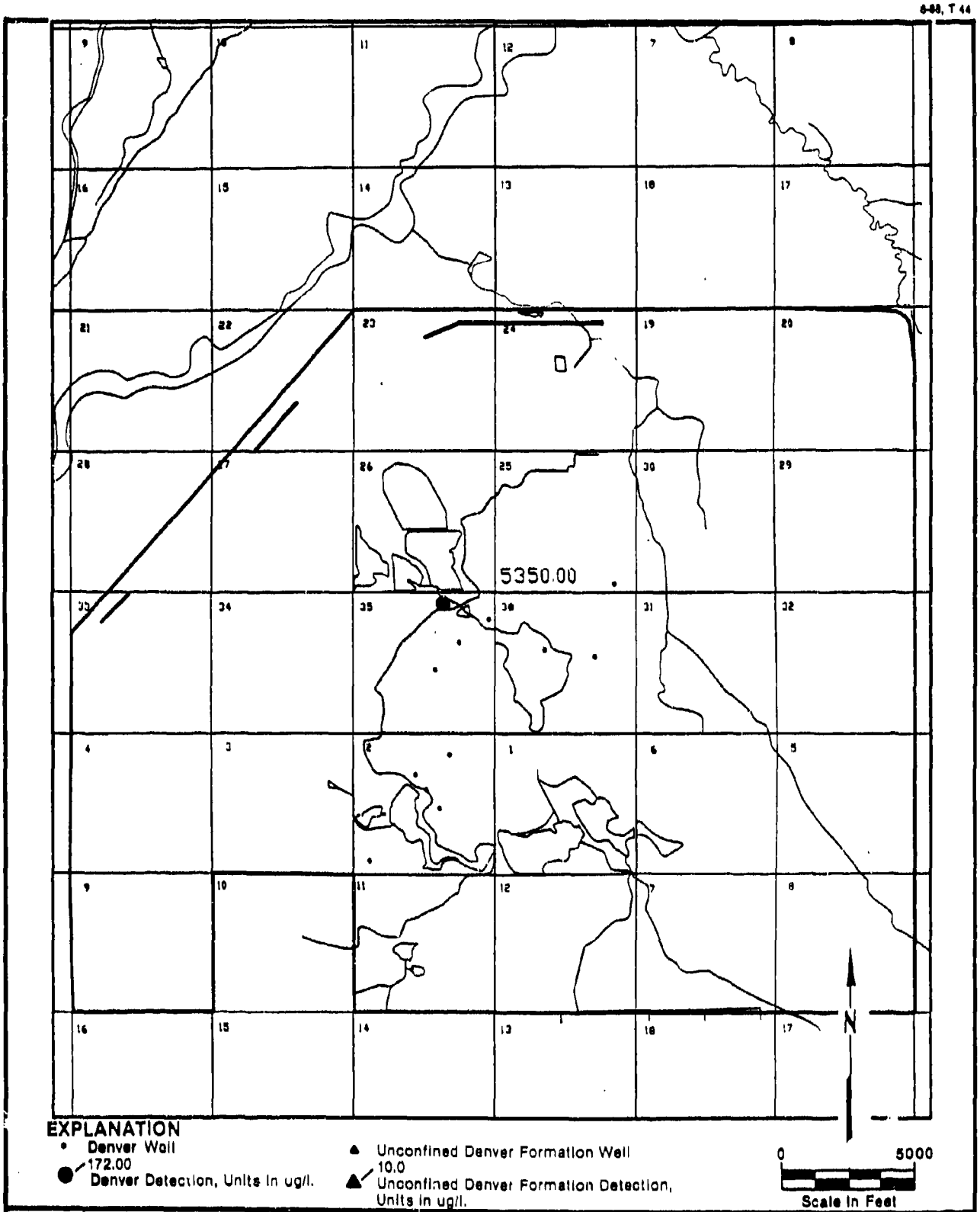


Figure D-144
DIMP DETECTIONS DENVER ZONE 1U
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

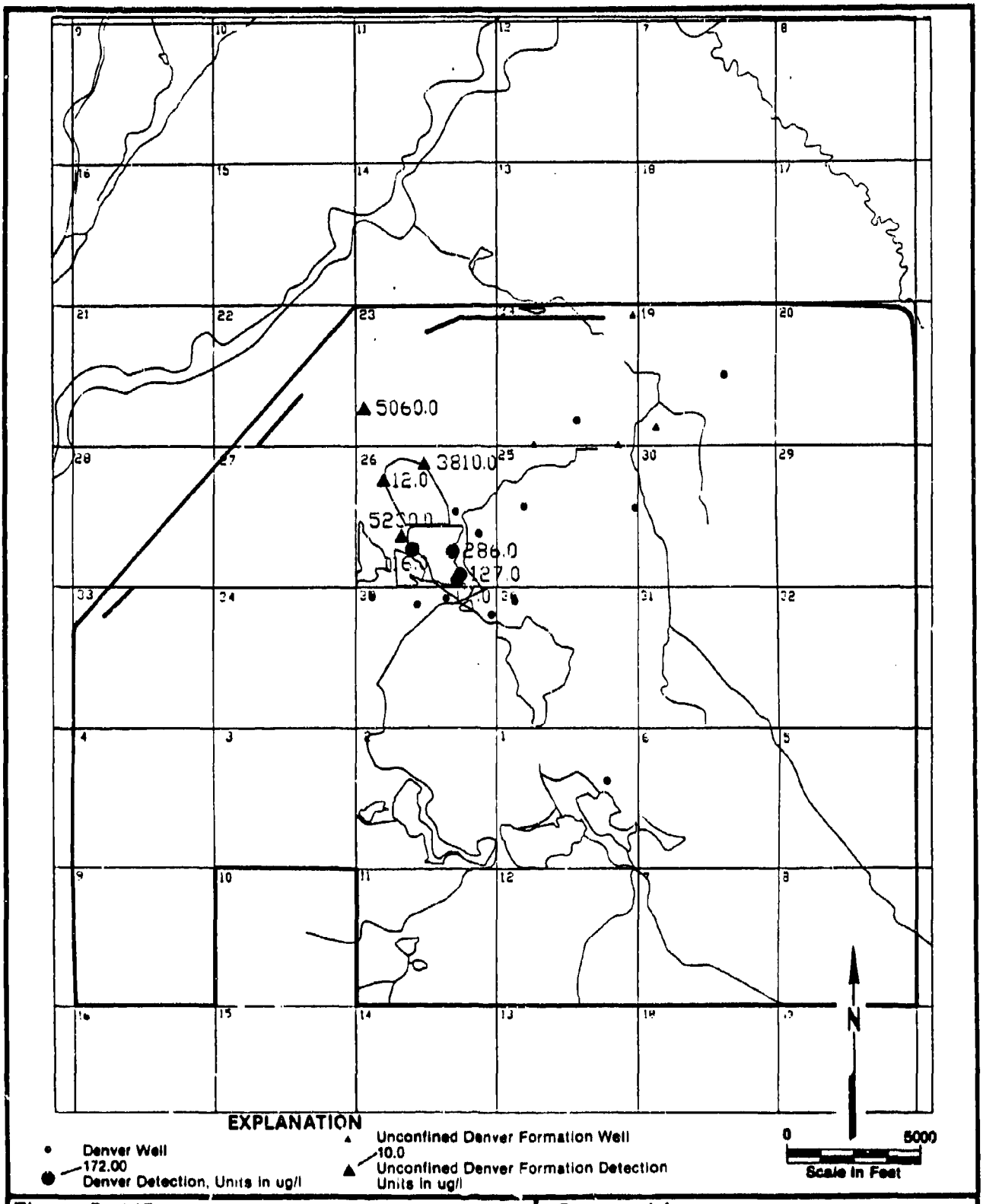


Figure D-145

DIMP DETECTIONS DENVER ZONE 1,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

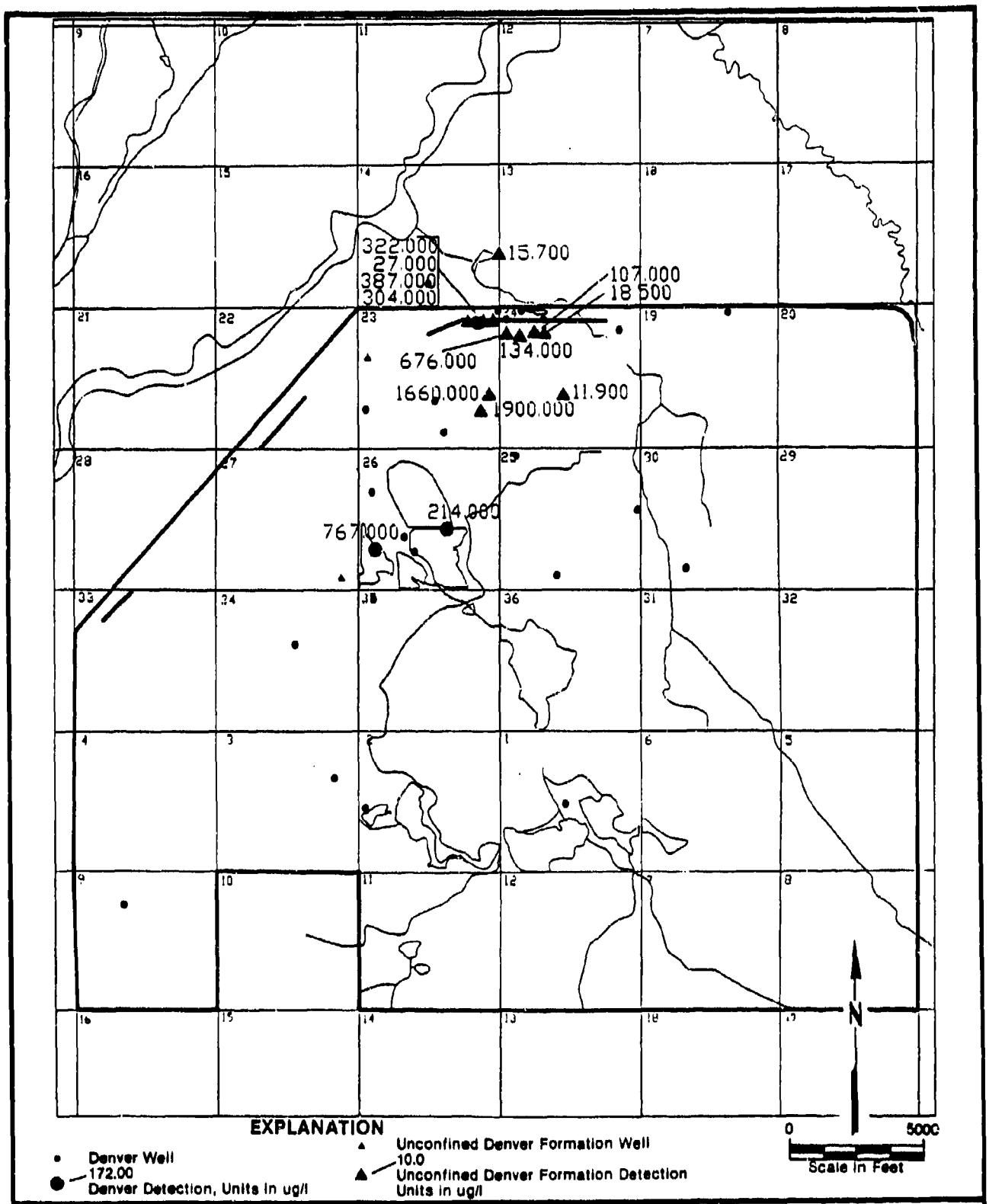


Figure D-146

DIMP DETECTIONS DENVER ZONE 2,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

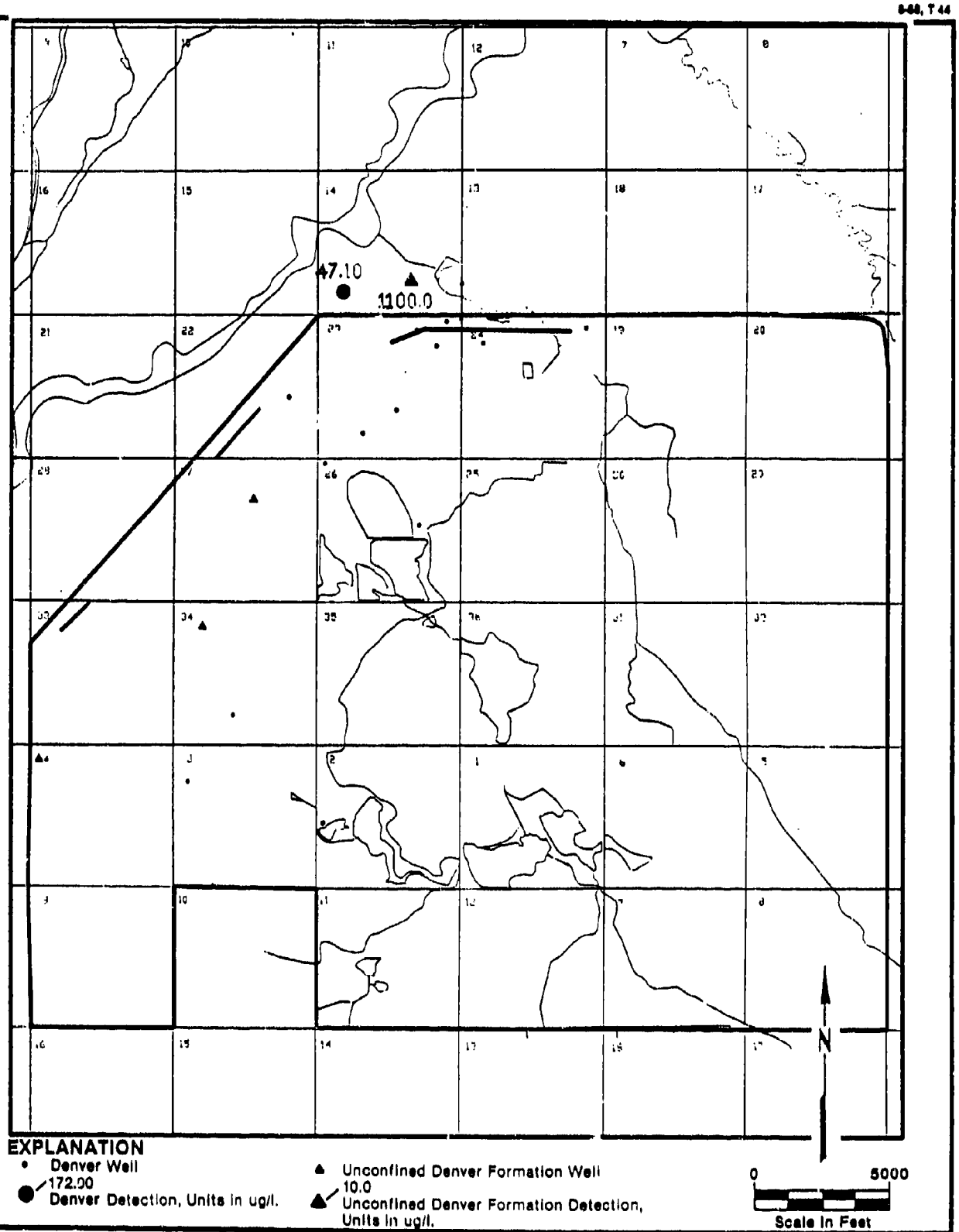


Figure D-147

DIMP DETECTIONS DENVER ZONE 3
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

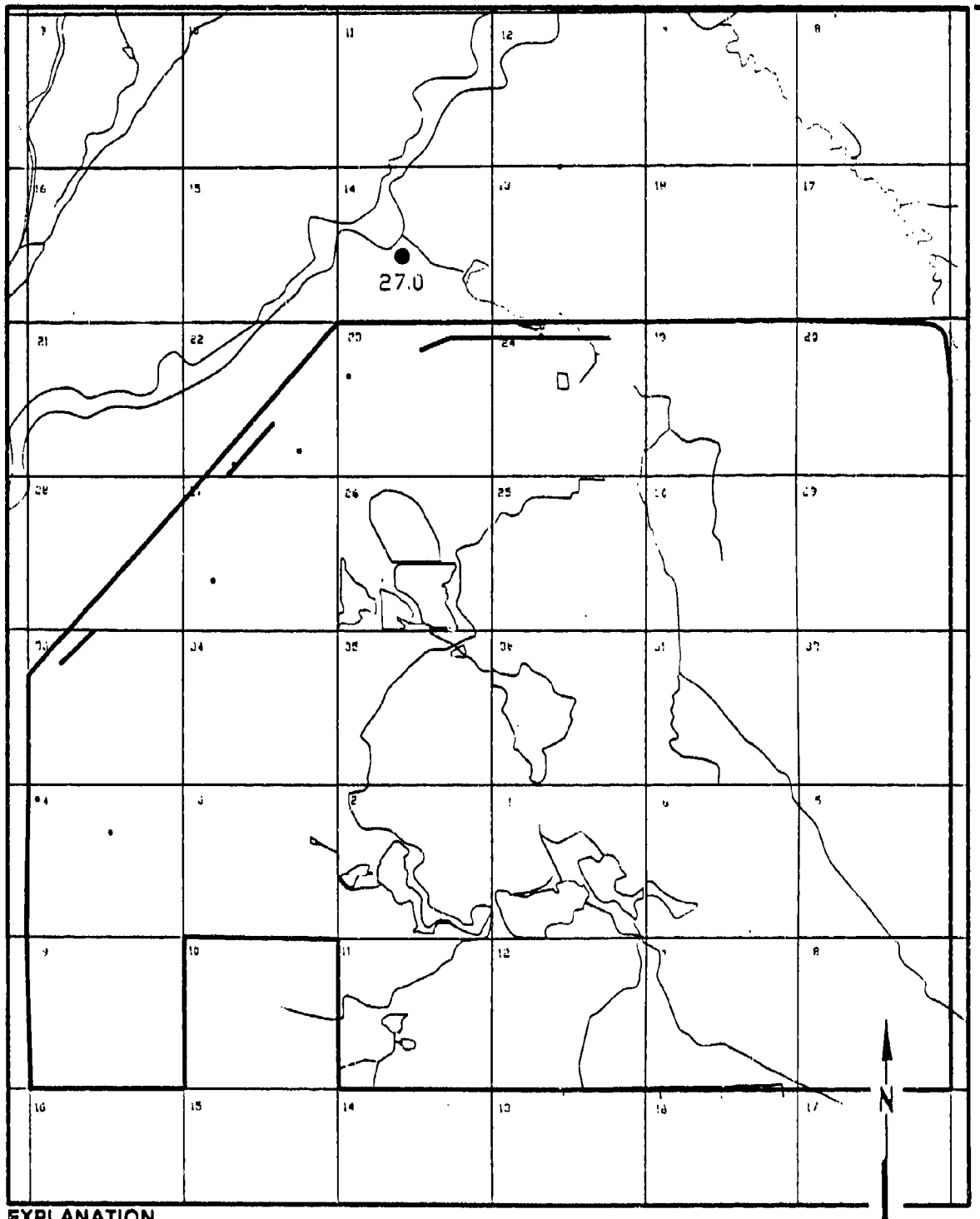


Figure D-148
DIMP DETECTIONS DENVER ZONE 5
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

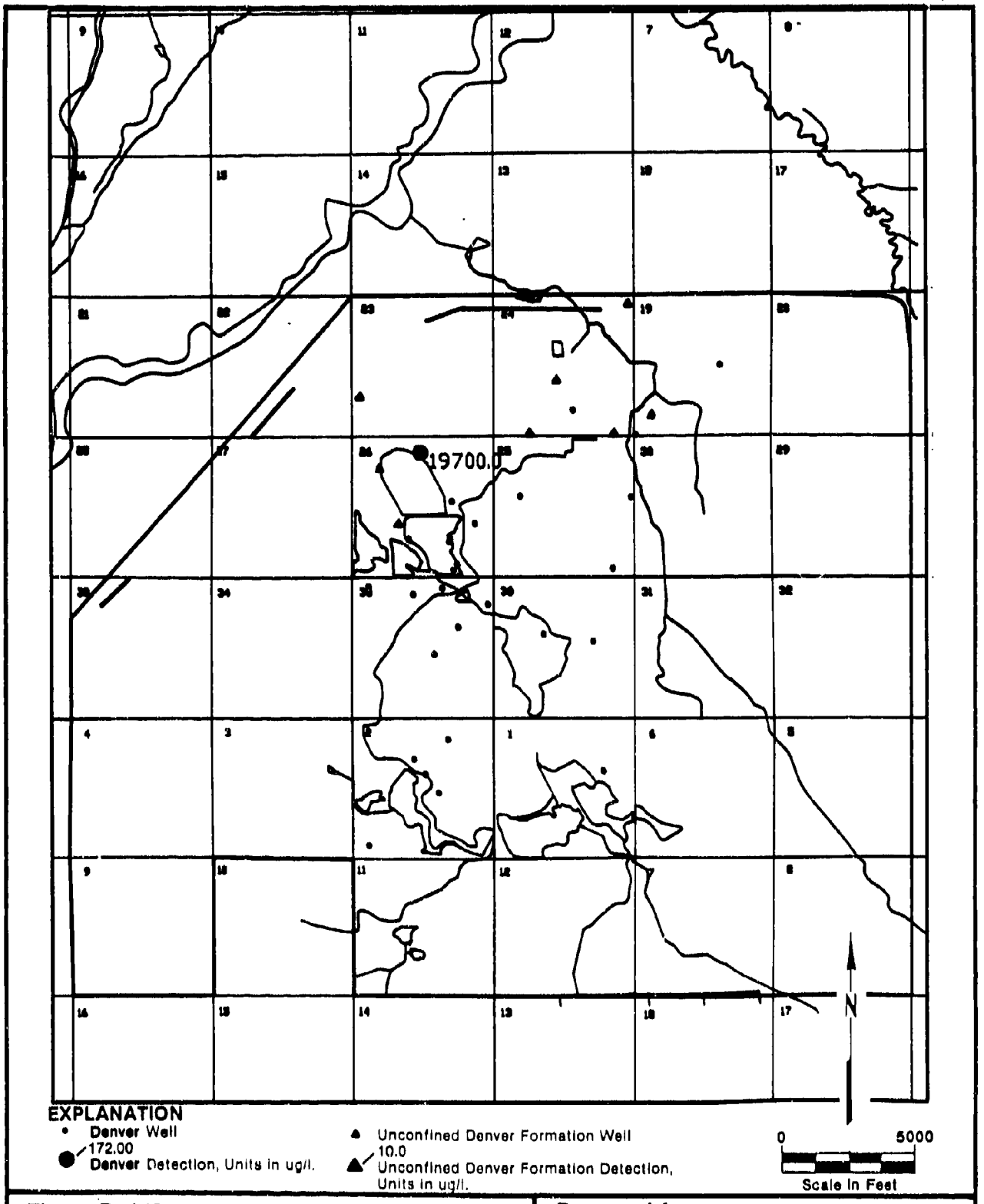


Figure D-149

DMMP DETECTIONS DENVER ZONE 1
3RD QUARTER FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

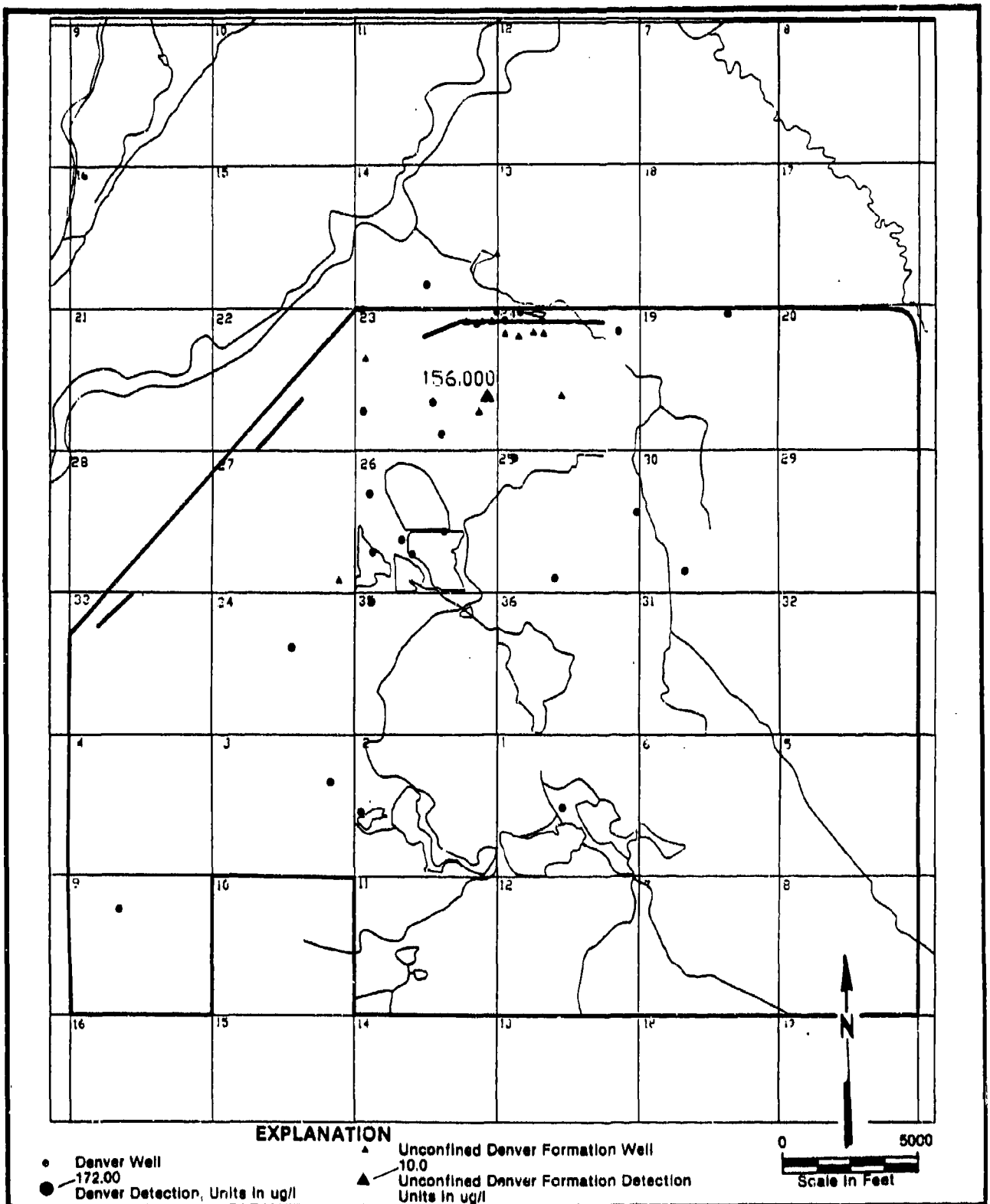


Figure D-150

DMMP DETECTIONS DENVER ZONE 2,
3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

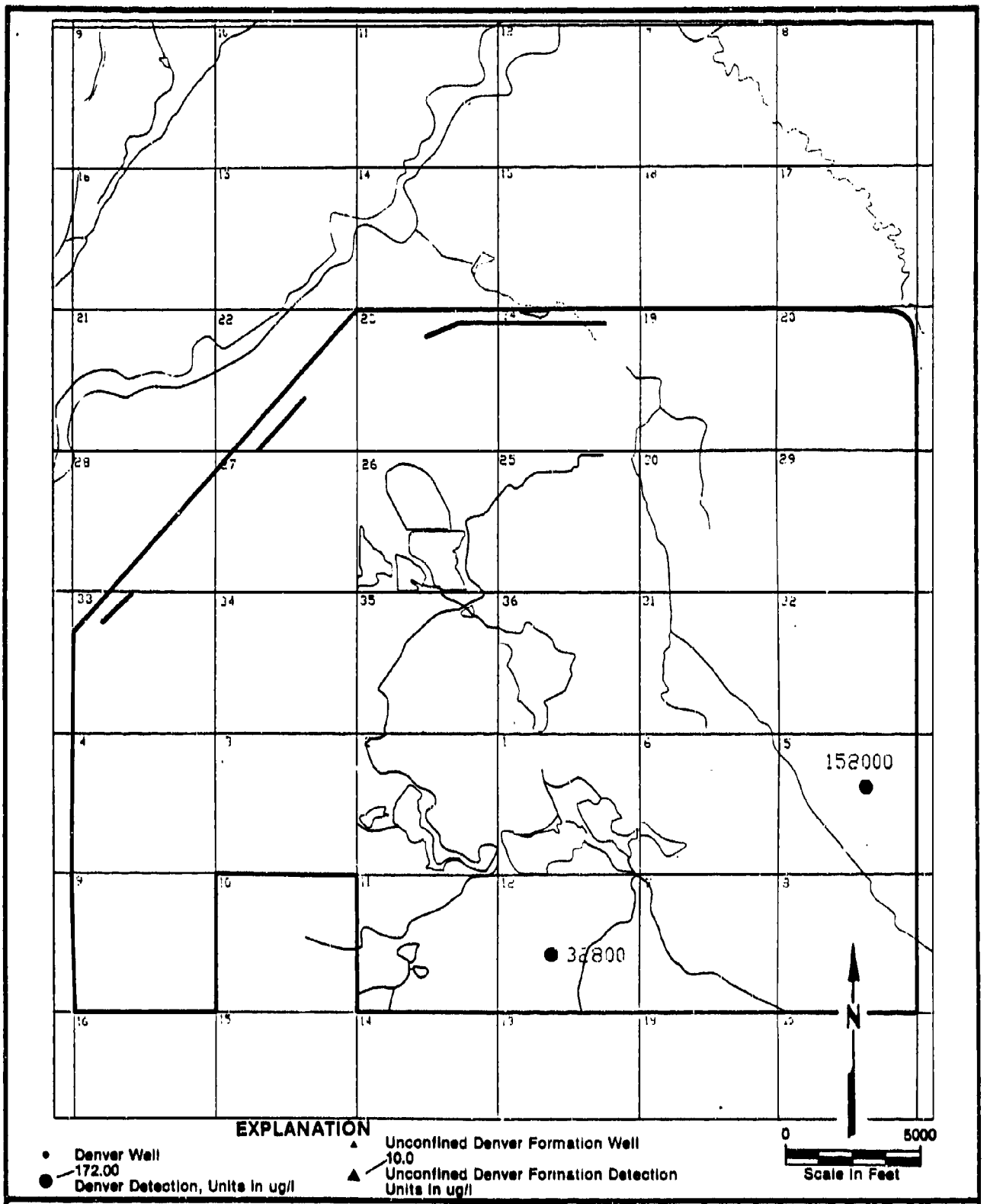


Figure D-151

CHLORIDE DETECTIONS DENVER ZONE B, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

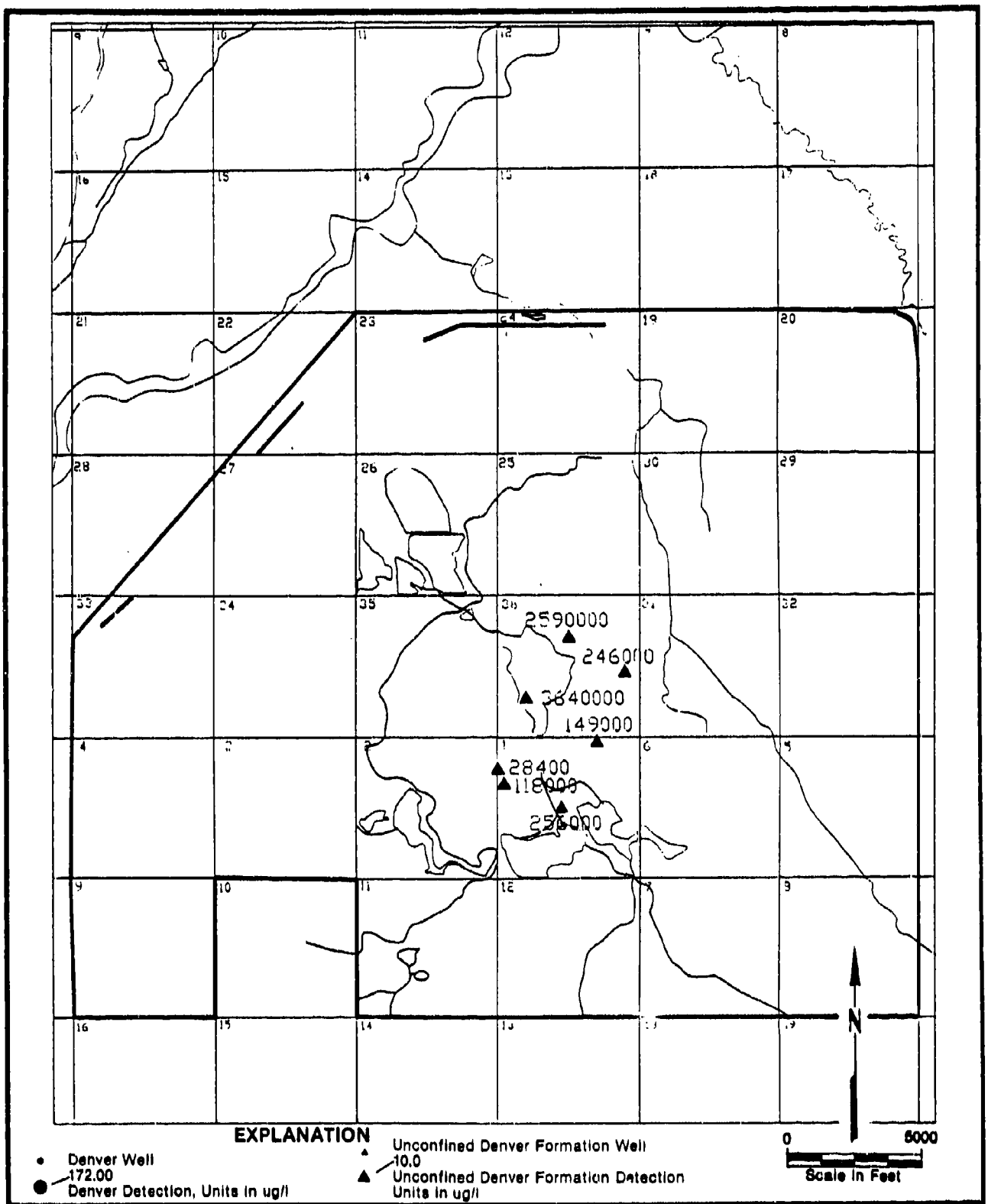


Figure D-152

CHLORIDE DETECTIONS DENVER ZONE
VC/VCE, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

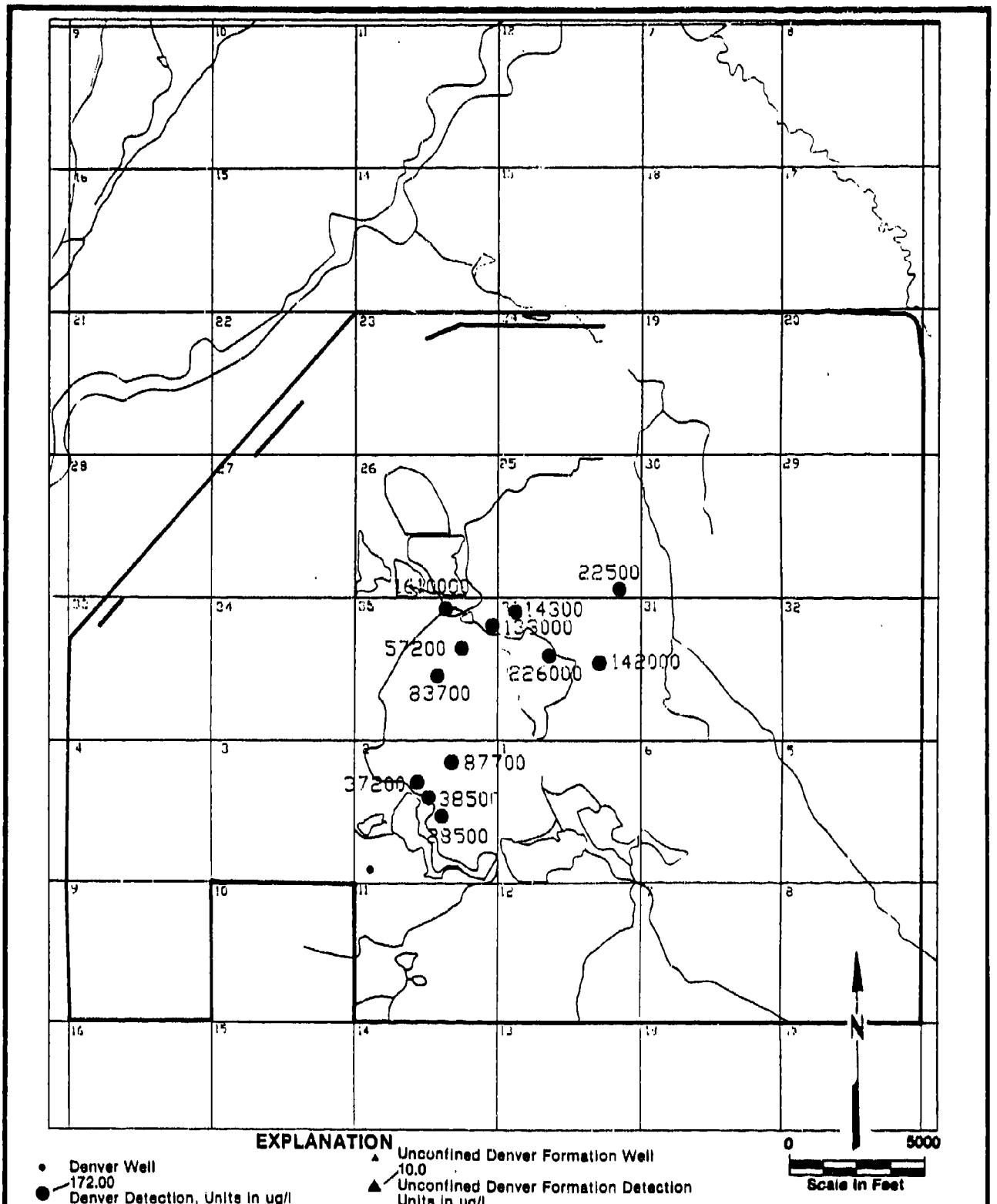


Figure D-153

CHLORIDE DETECTIONS DENVER ZONE
1U, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

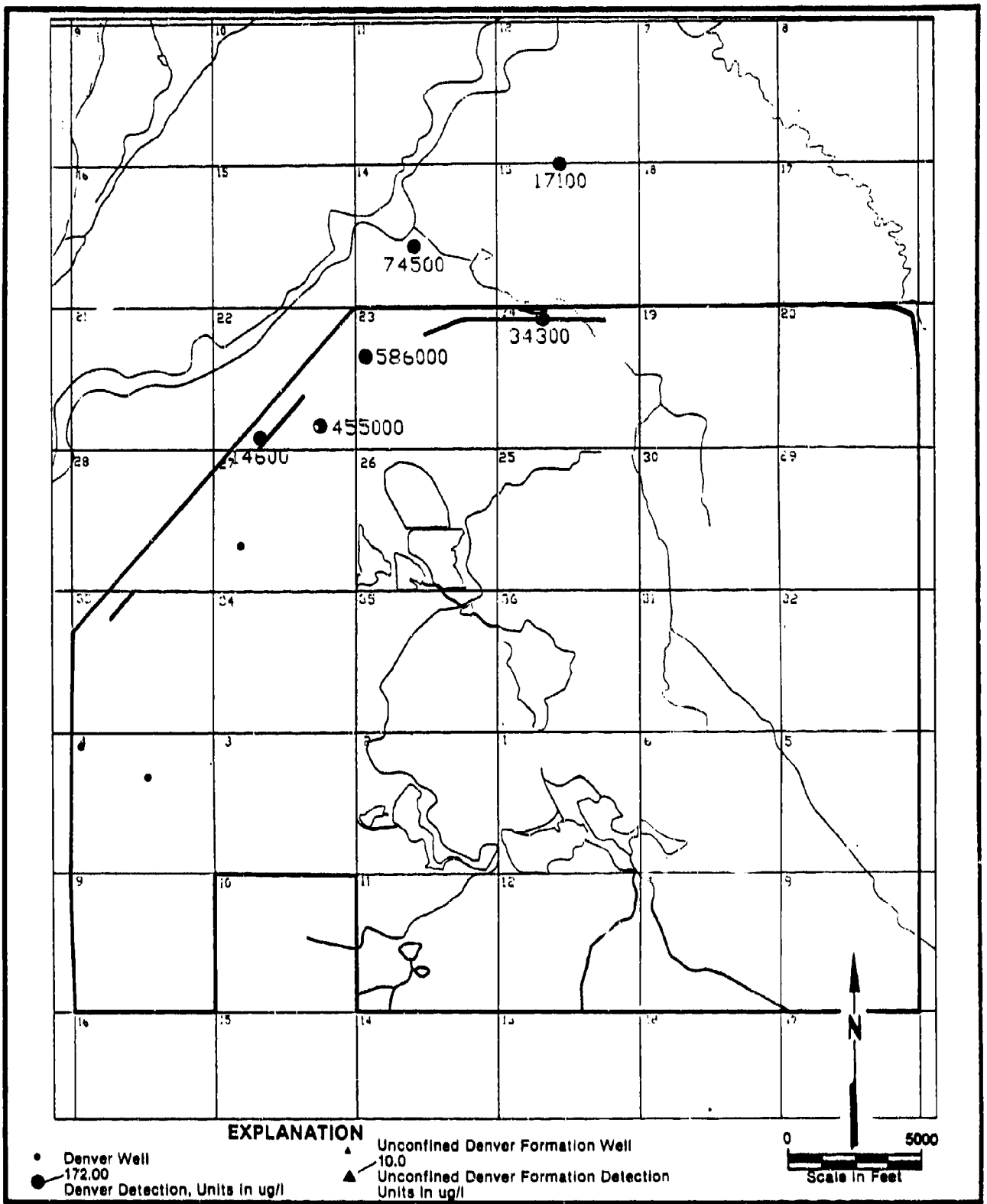


Figure D-154

CHLORIDE DETECTIONS DENVER ZONE 5, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

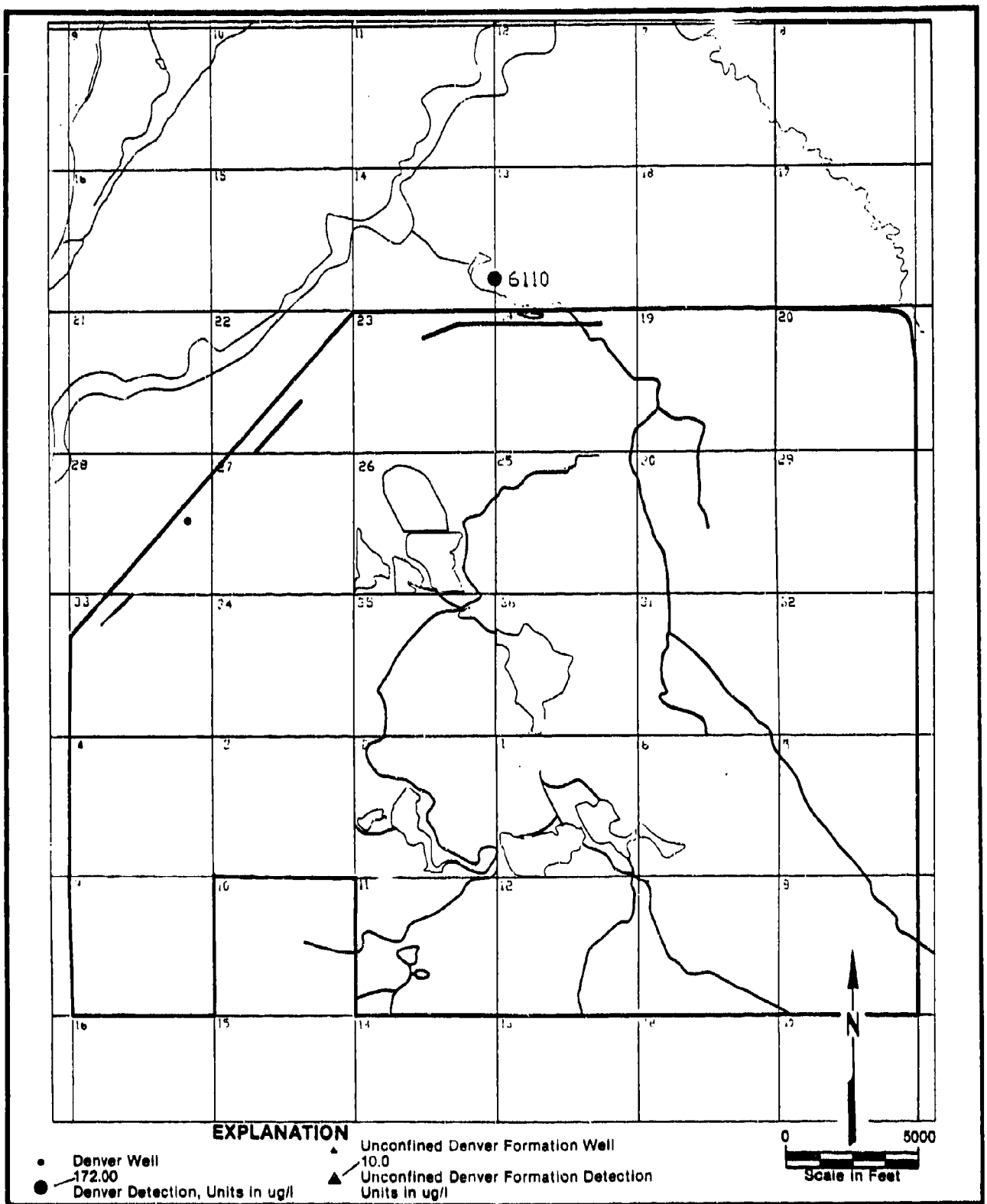


Figure D-155

CHLORIDE DETECTIONS DENVER ZONE 6, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

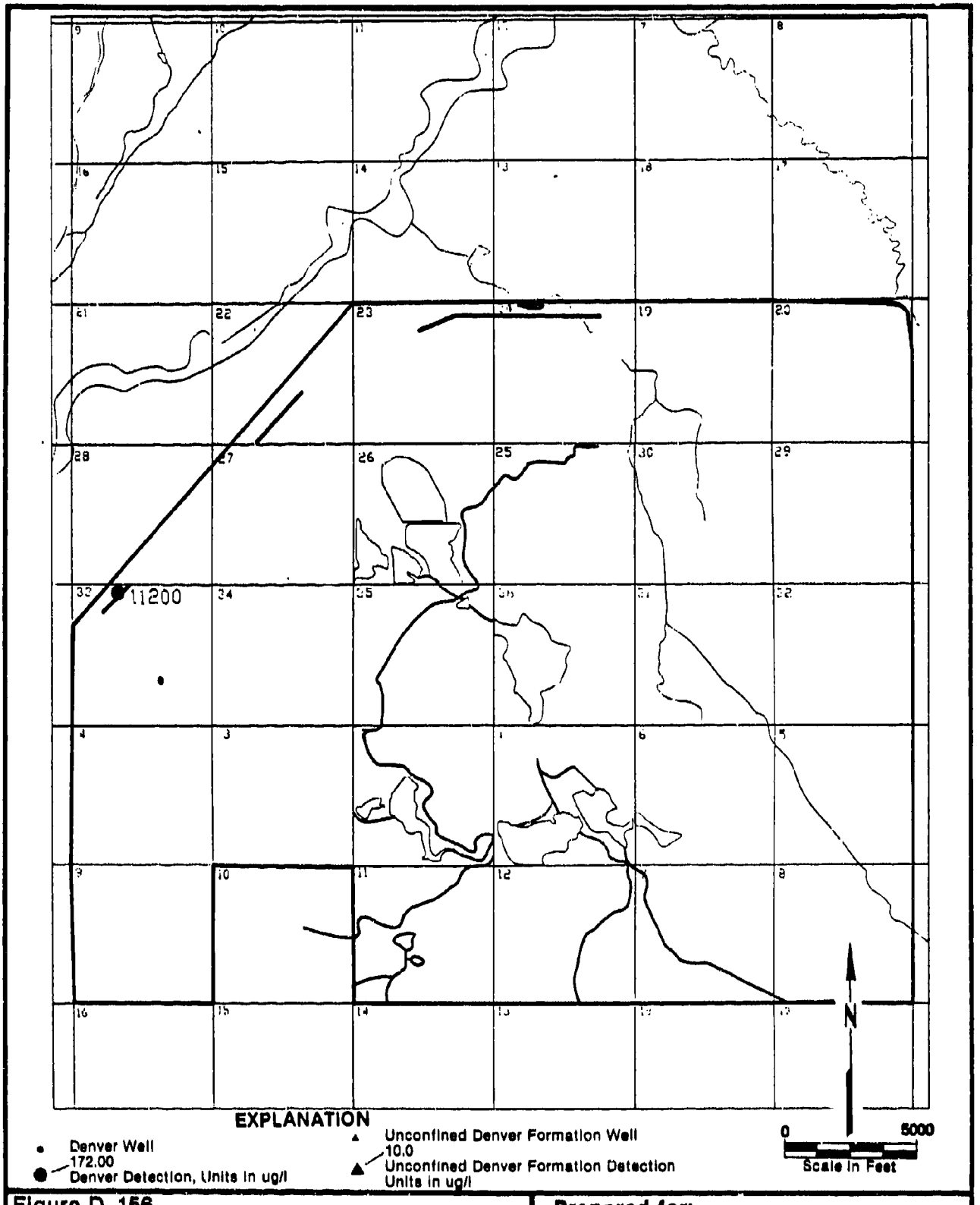


Figure D-156

CHLORIDE DETECTIONS DENVER ZONE
7, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

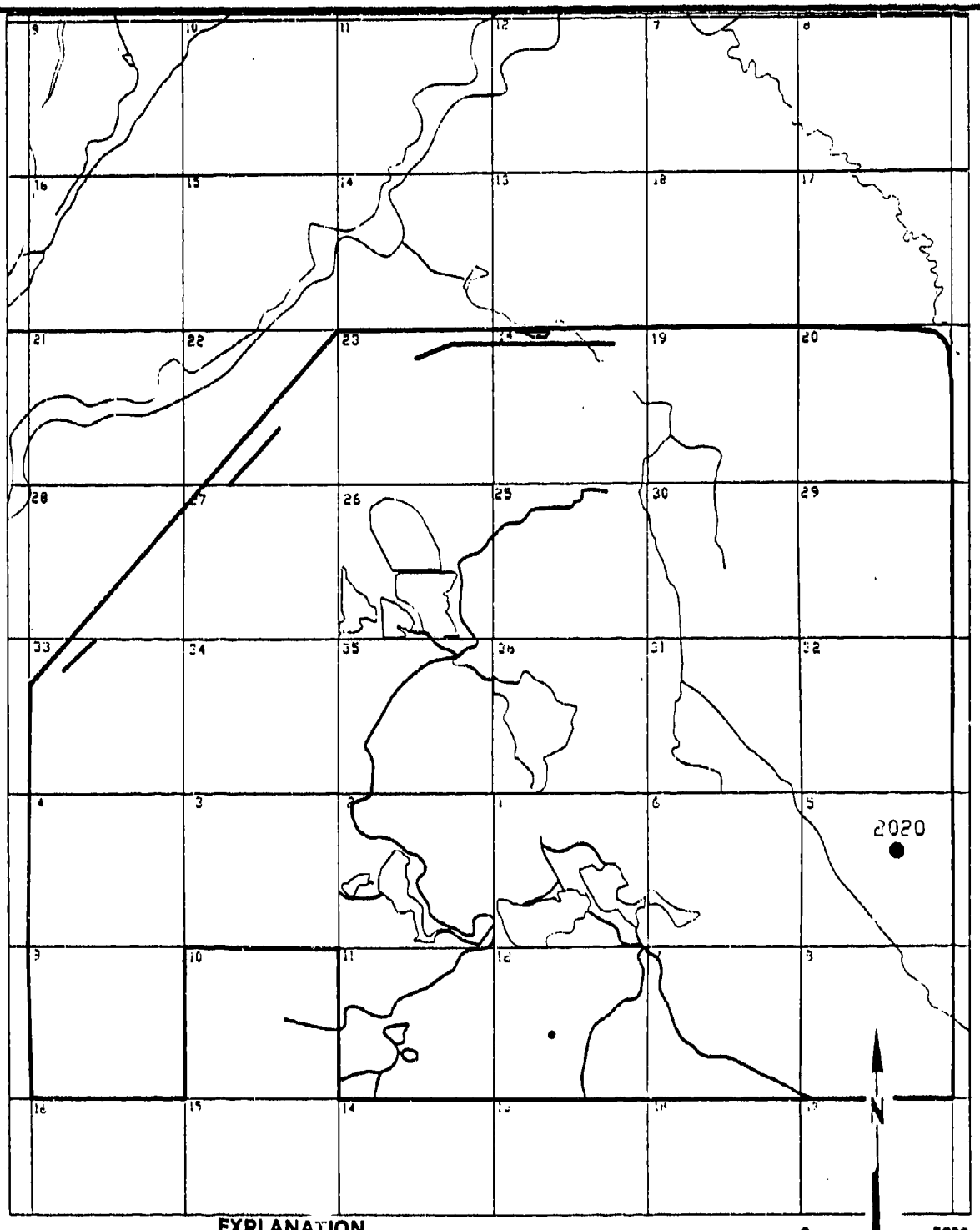


Figure D-157

FLUORIDE DETECTIONS DENVER ZONE B, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

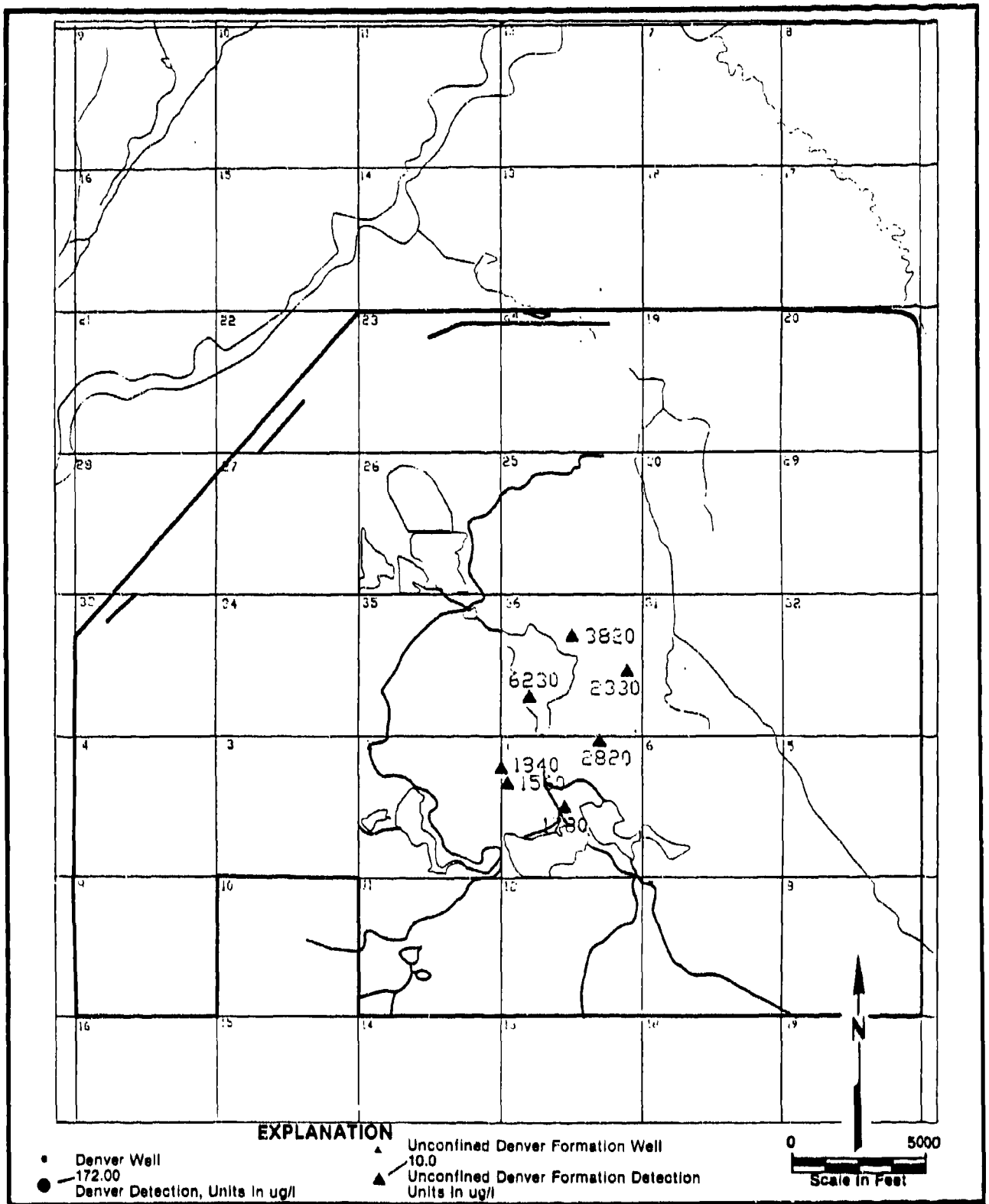


Figure D-158

FLUORIDE DETECTIONS DENVER ZONE VC/VCE, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

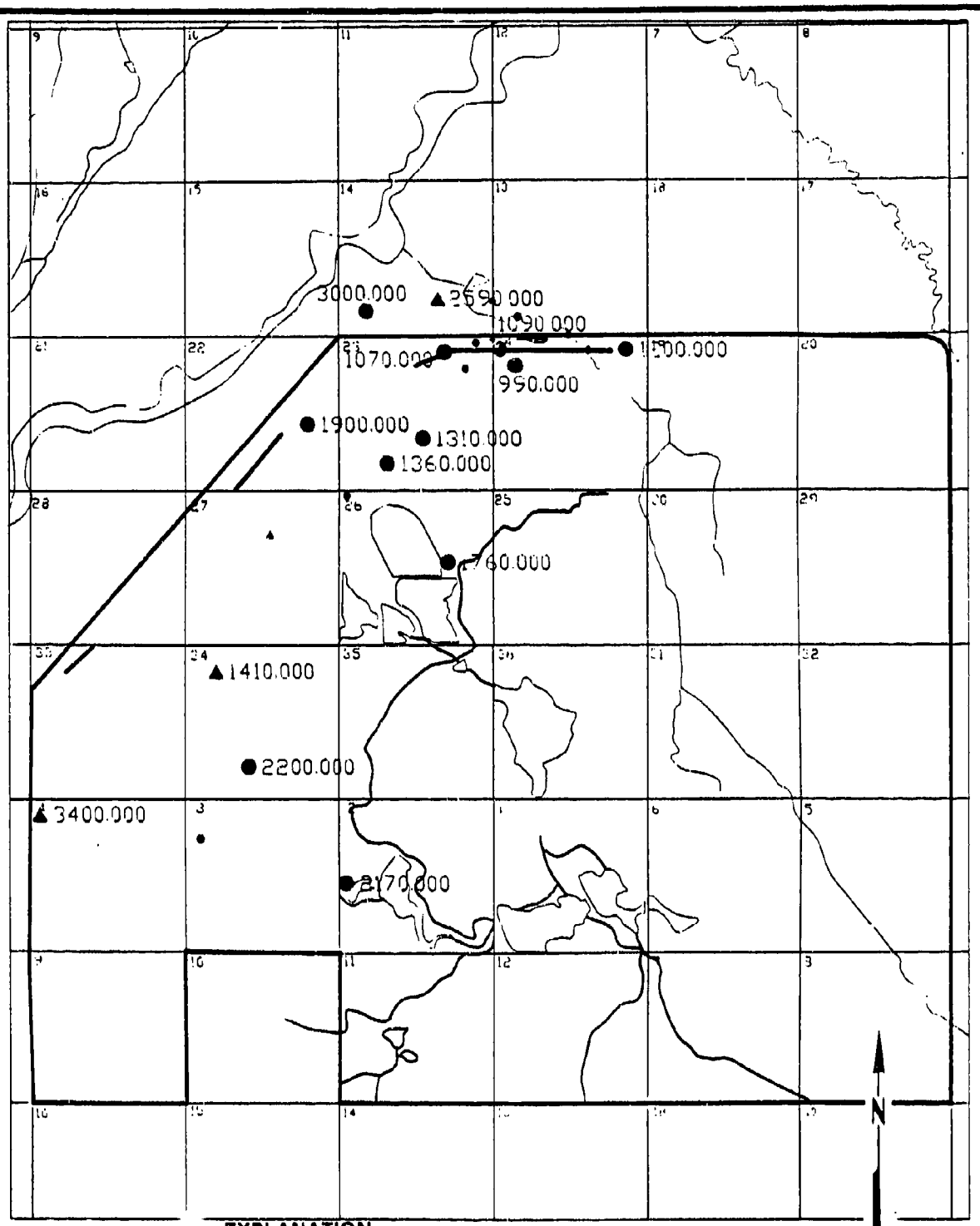


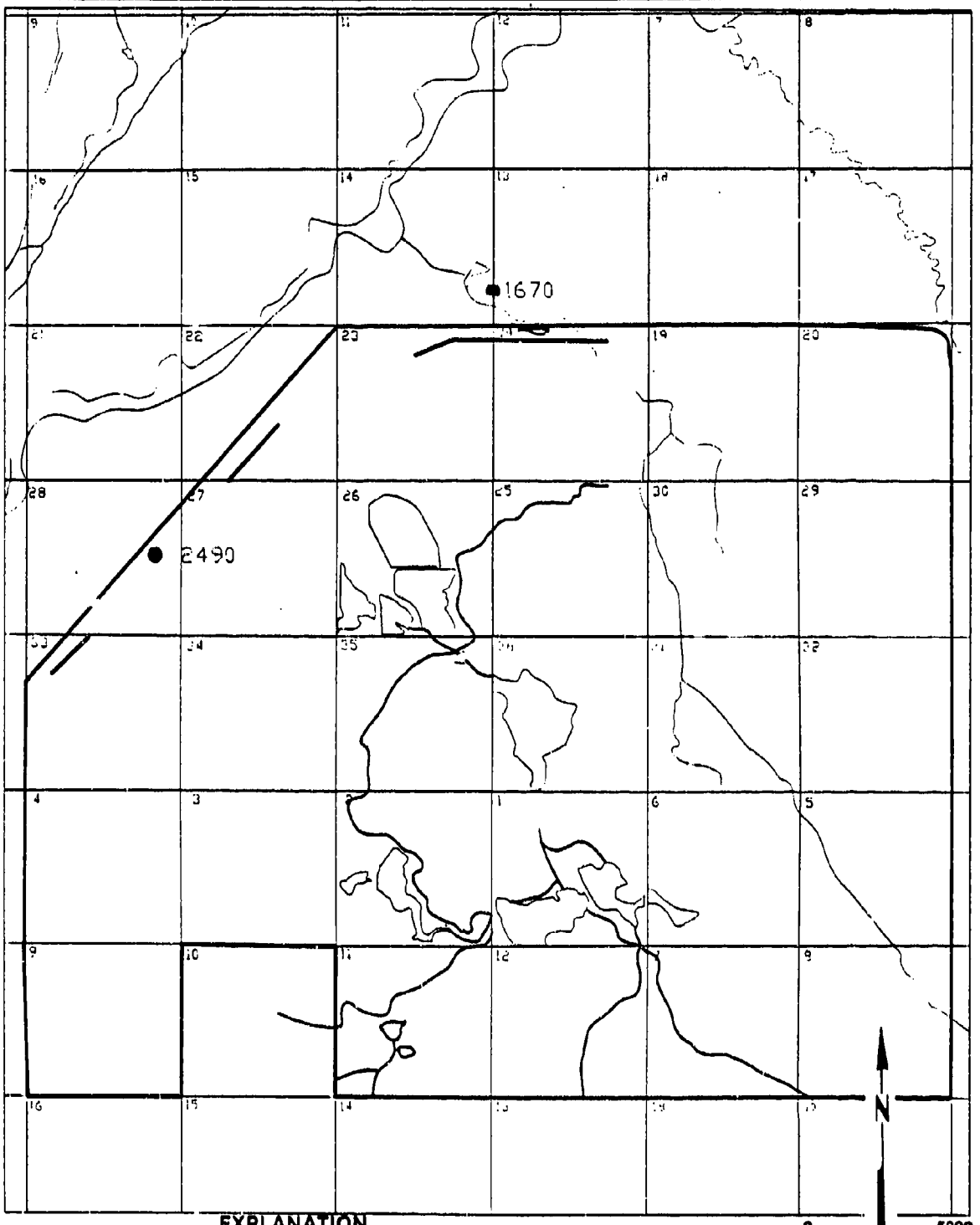
Figure D-159

FLUORIDE DETECTIONS DENVER ZONE
3, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-160

FLUORIDE DETECTIONS DENVER ZONE 6, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

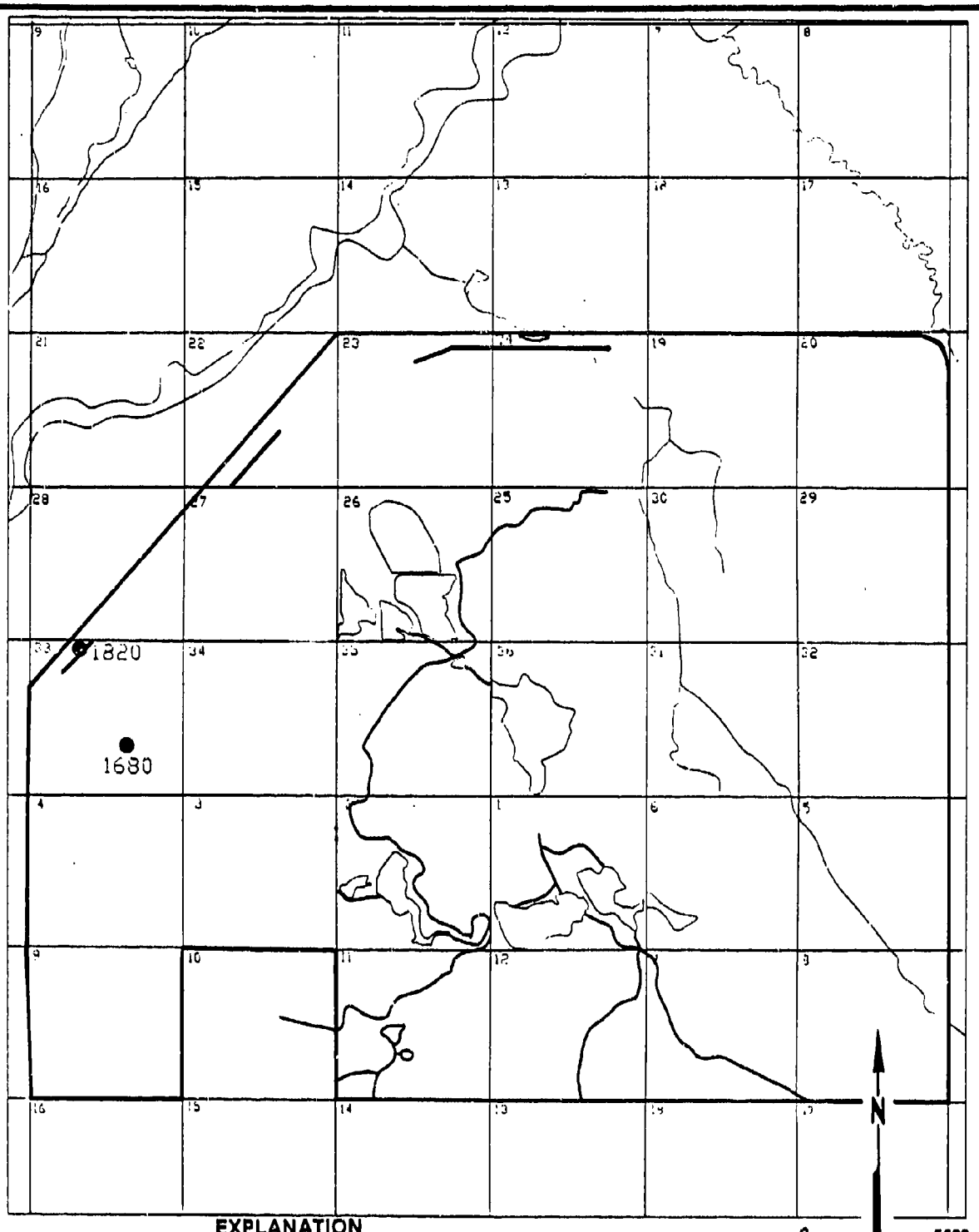
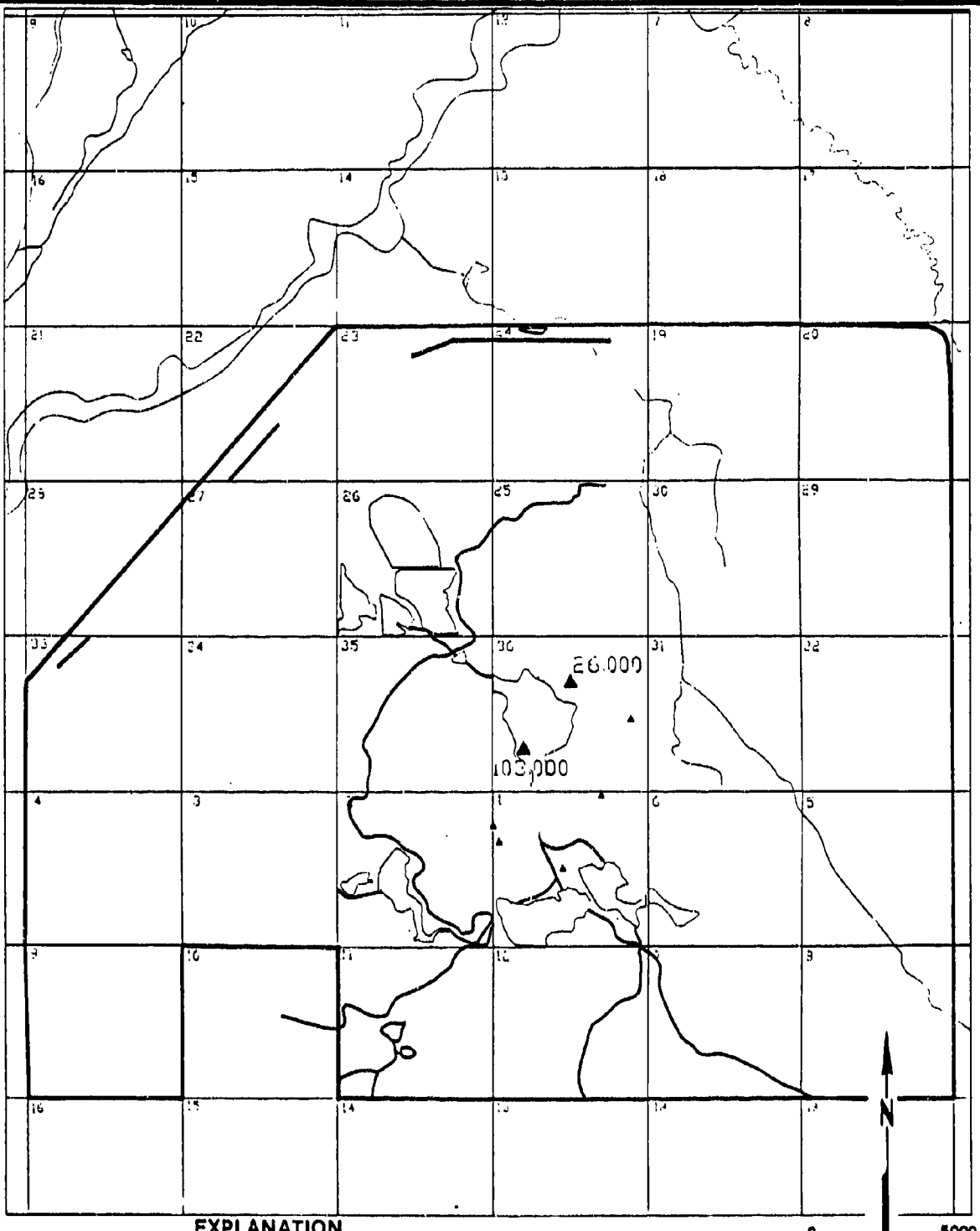


Figure D-161

FLUORIDE DETECTIONS DENVER ZONE
7, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-162

ARSENIC DETECTIONS DENVER ZONE
VC/VCE, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

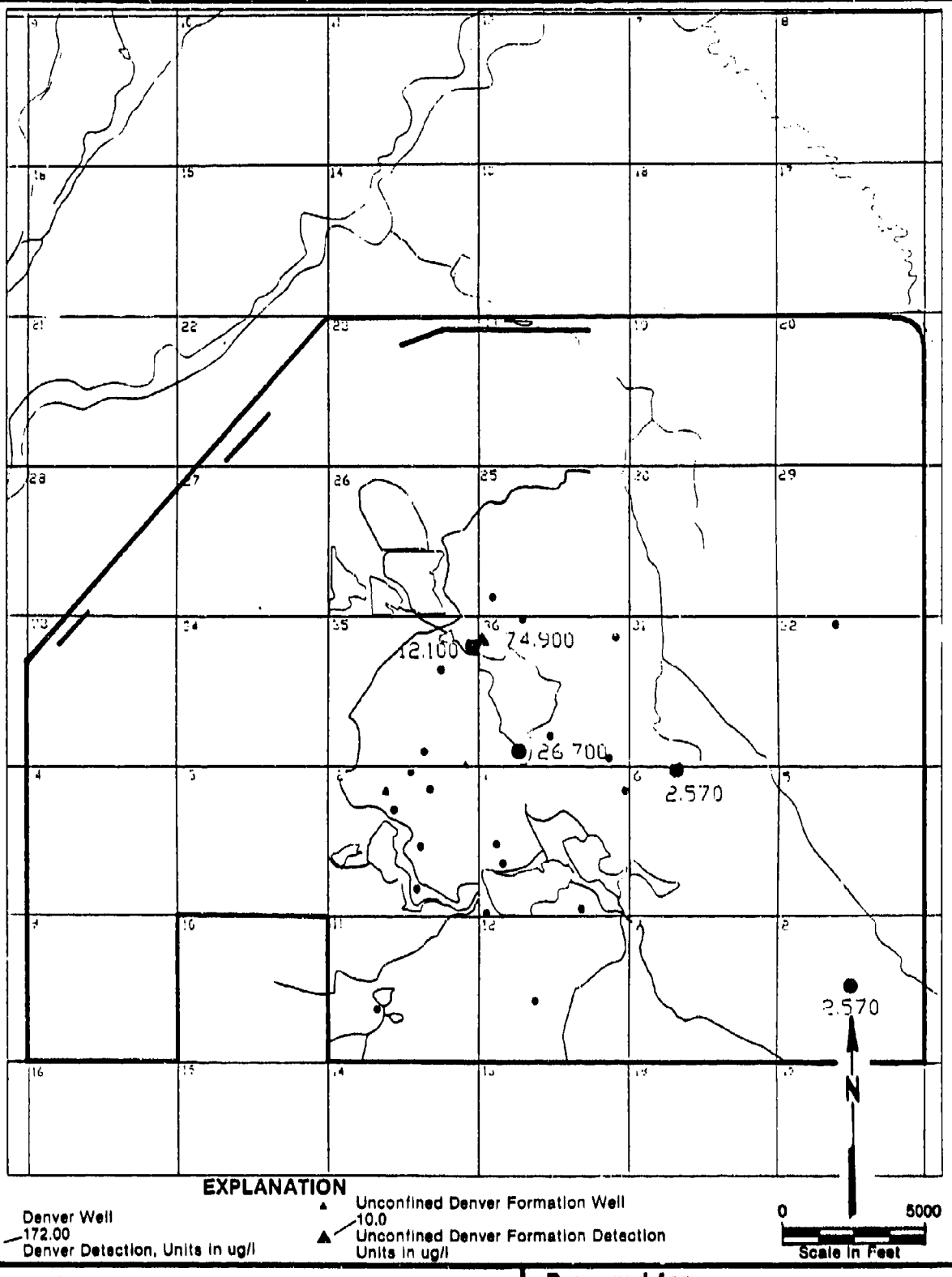
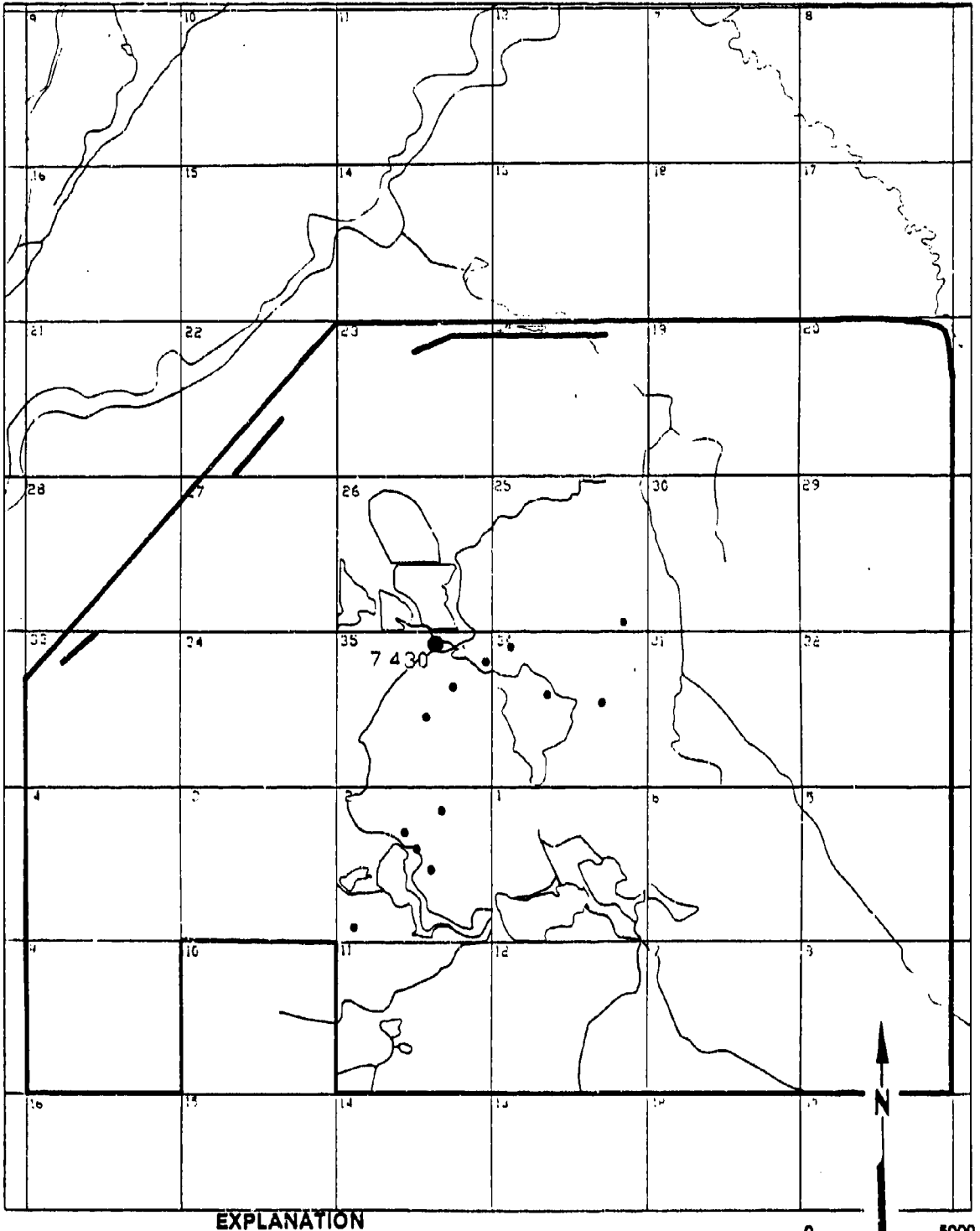


Figure D-163

ARSENIC DETECTIONS DENVER ZONE A, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

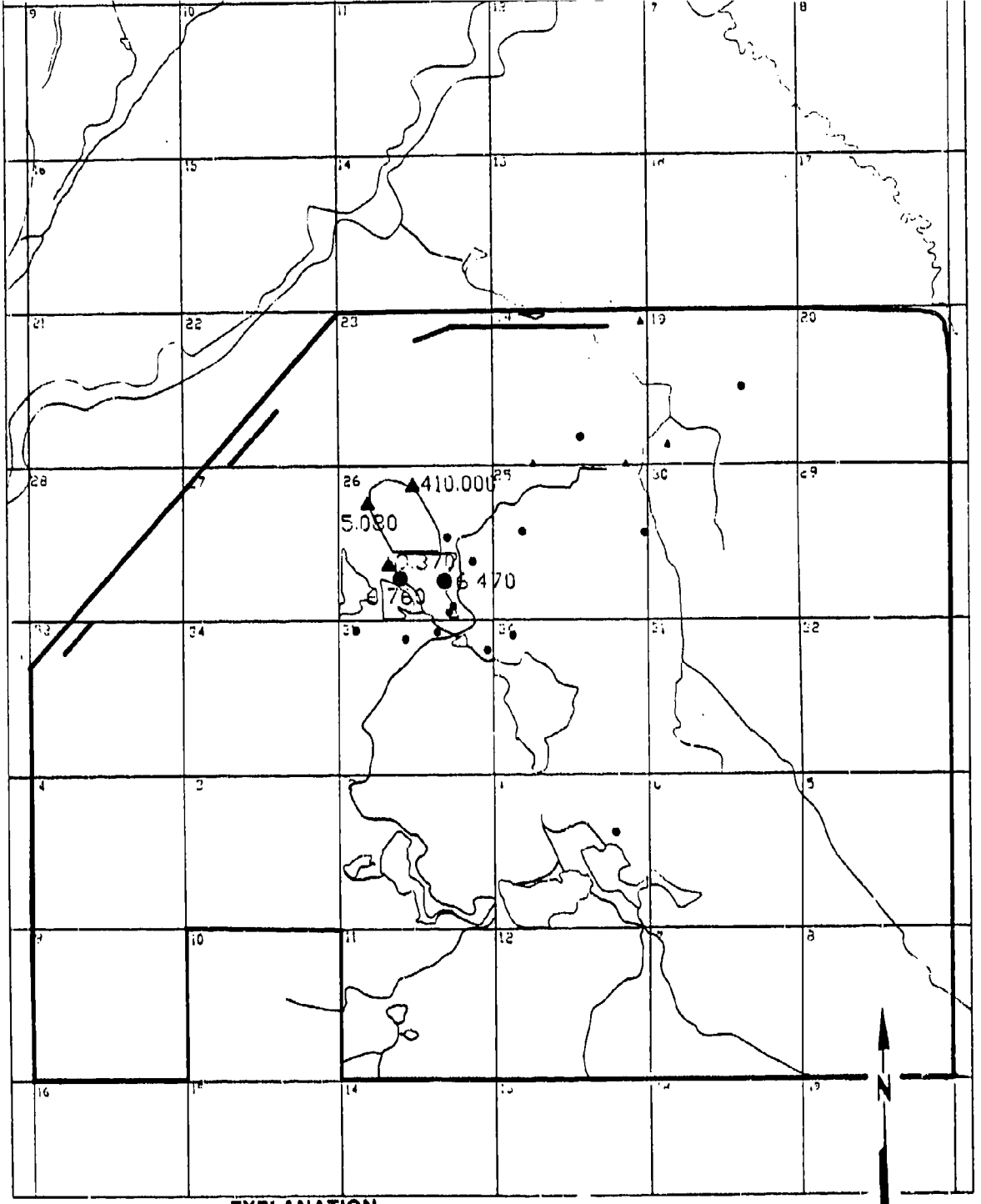
- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-164

ARSENIC DETECTIONS DENVER ZONE
1U, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

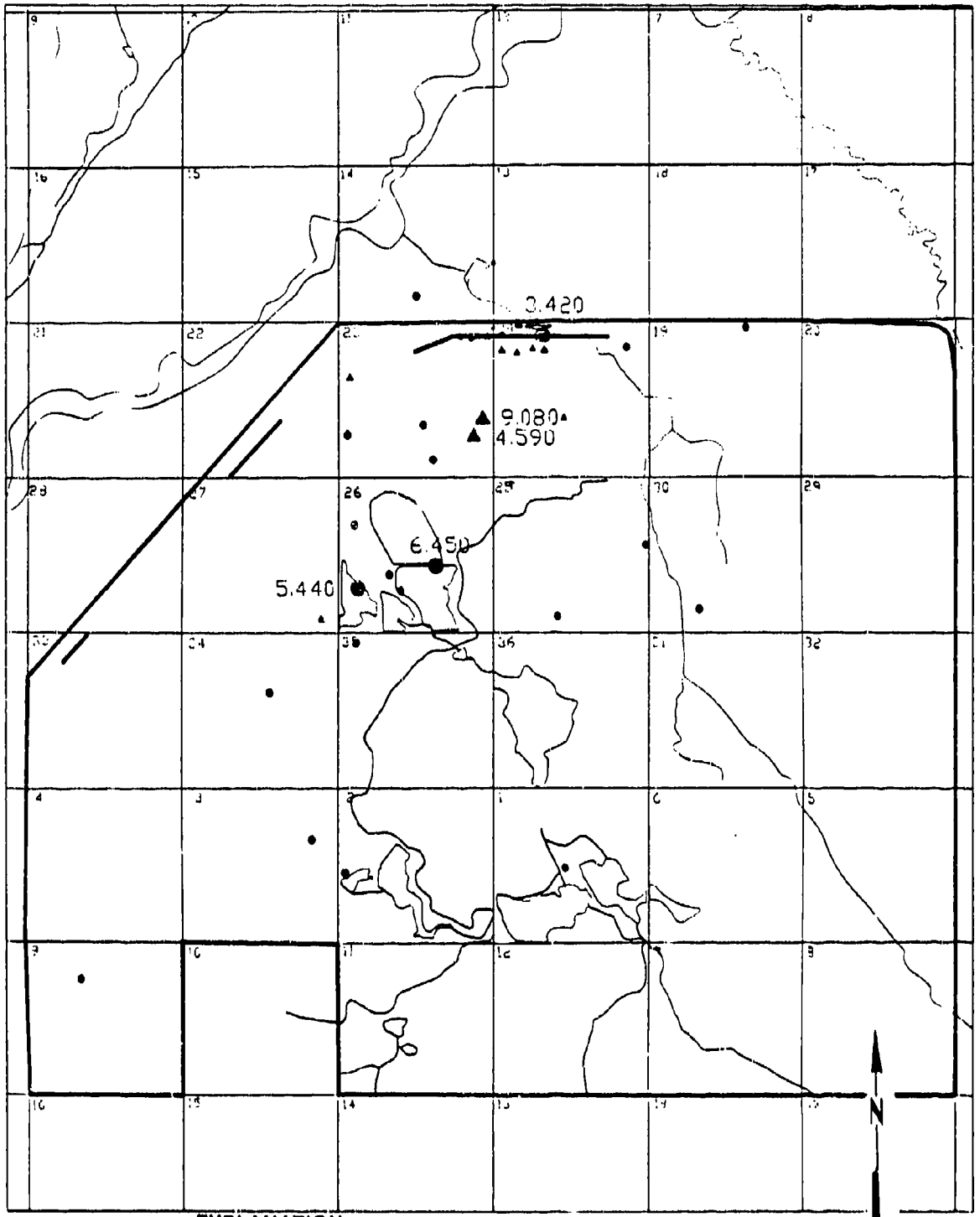
- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-165

ARSENIC DETECTIONS DENVER ZONE 1, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

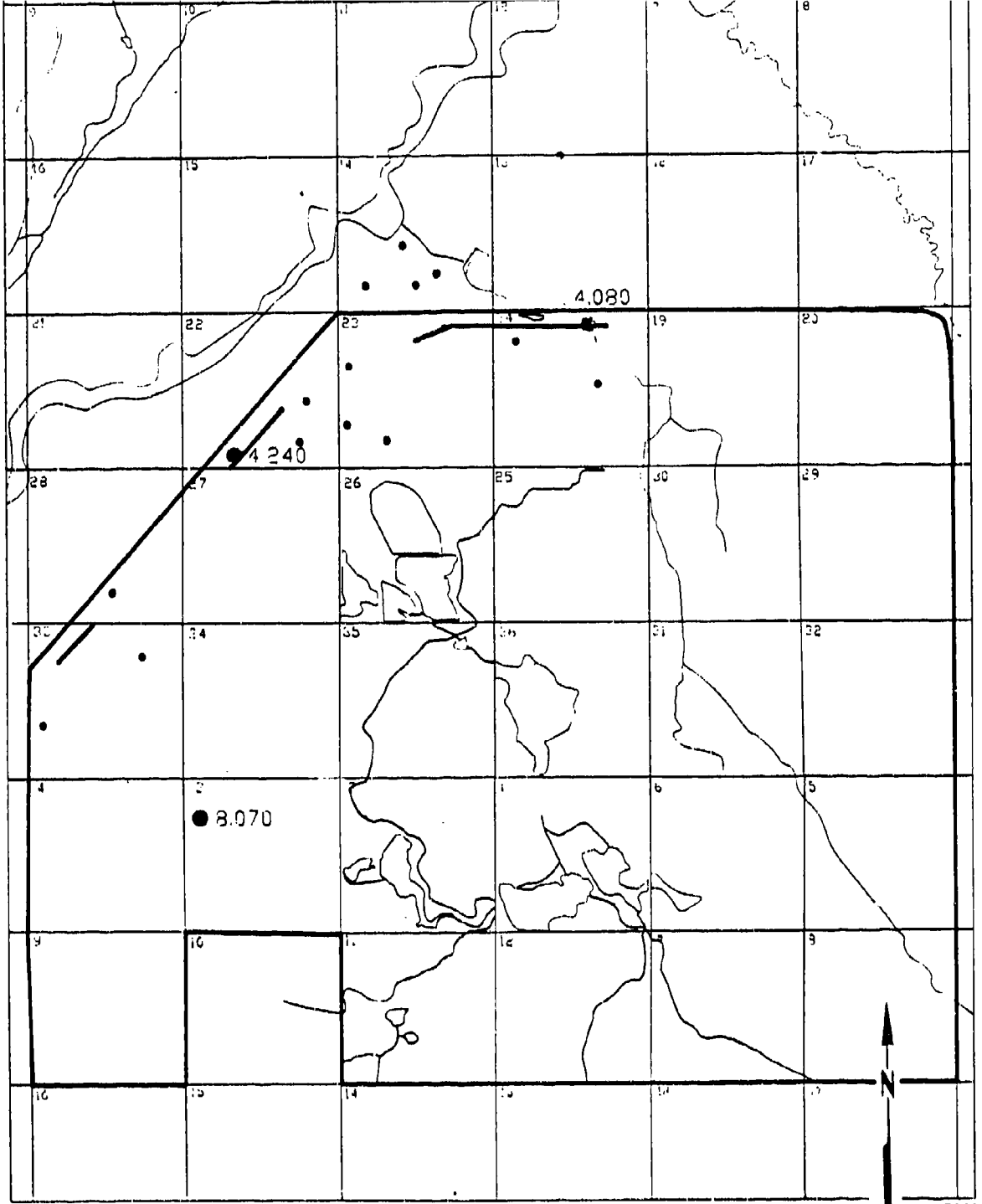
- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-166

ARSENIC DETECTIONS DENVER ZONE 2, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

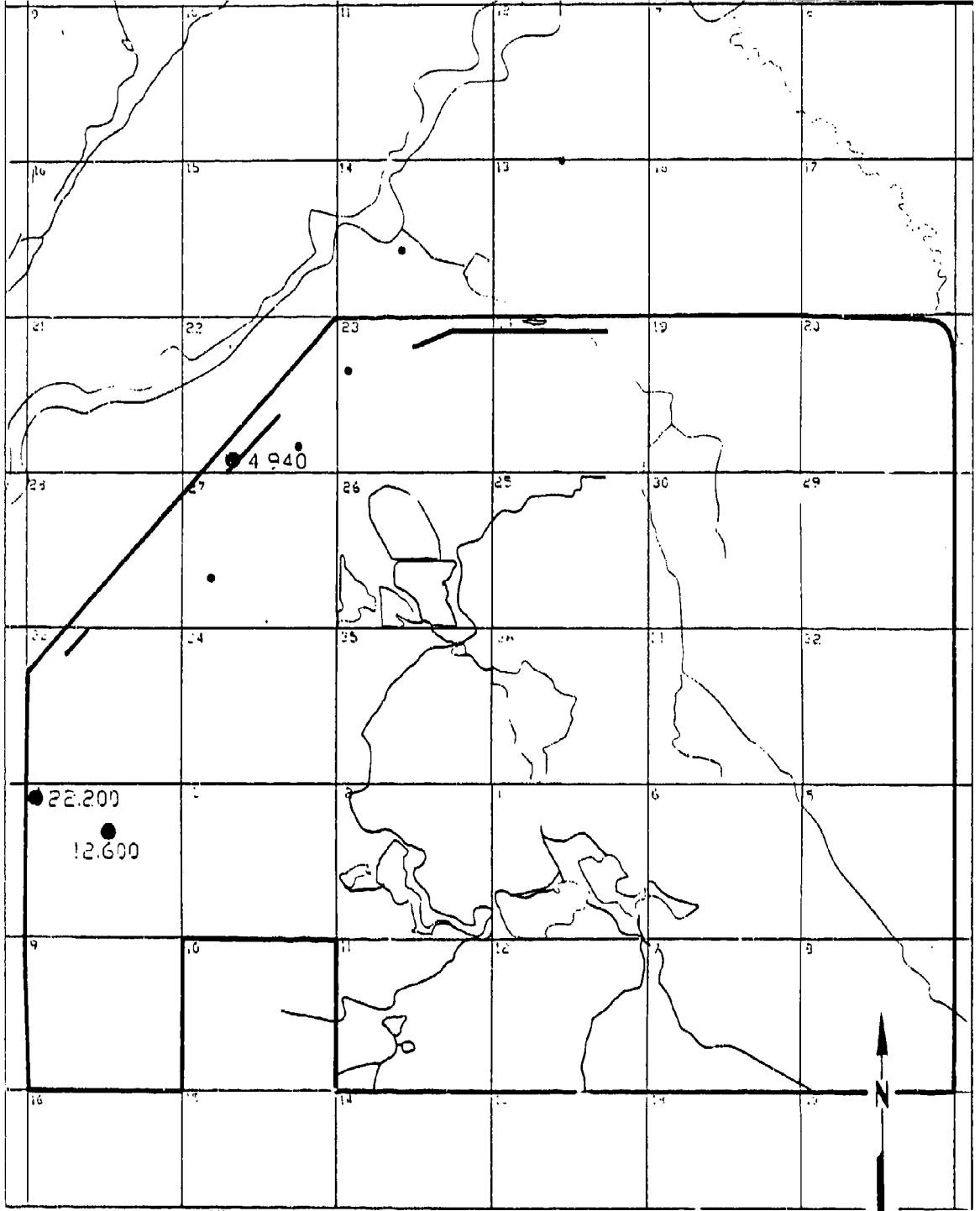
- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

Figure D-167

ARSENIC DETECTIONS DENVER ZONE 4, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



EXPLANATION

- Denver Well
- 172.00 Denver Detection, Units in ug/l
- Unconfined Denver Formation Well
- 10.0 Unconfined Denver Formation Detection Units in ug/l

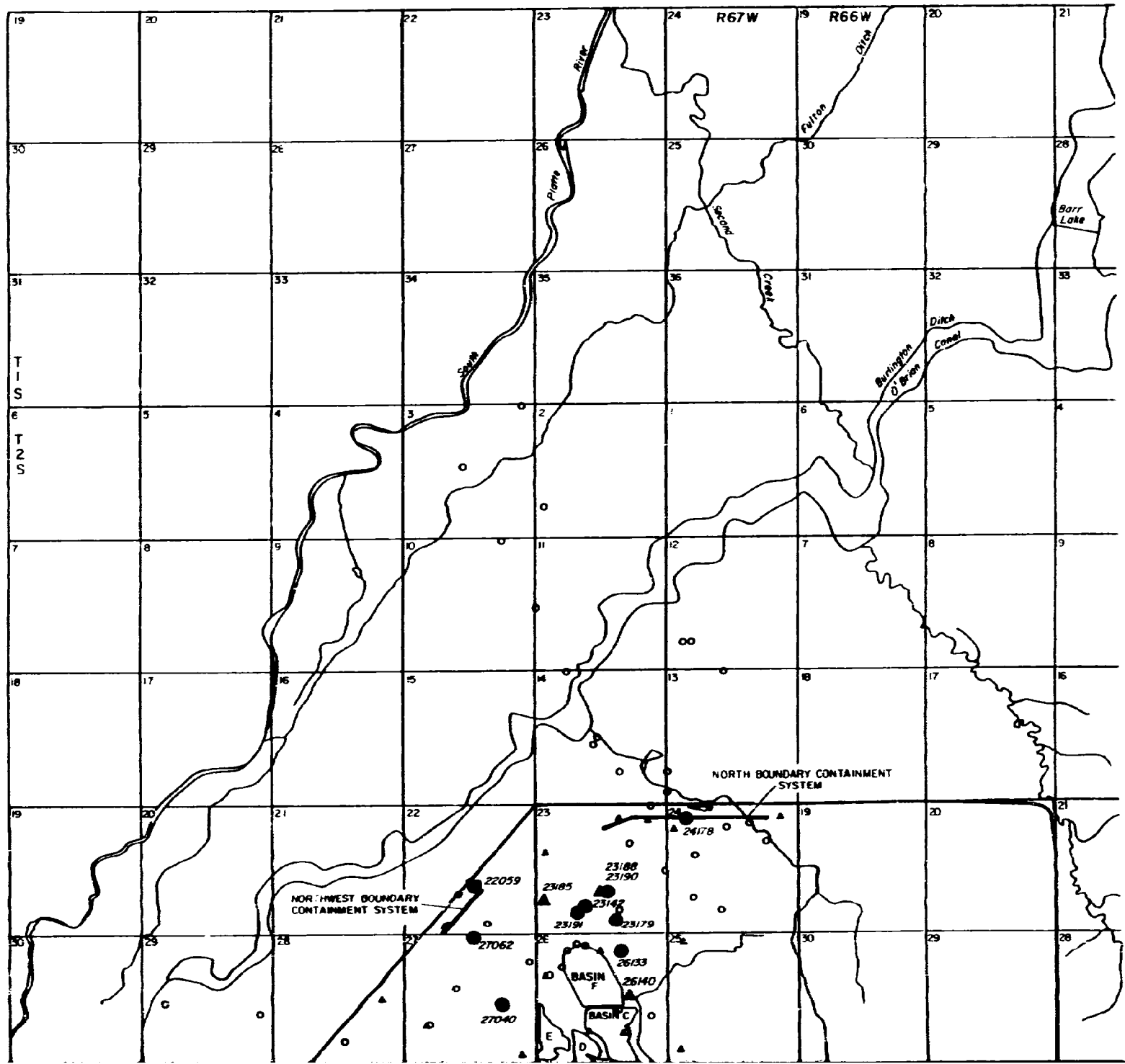
Figure D-168

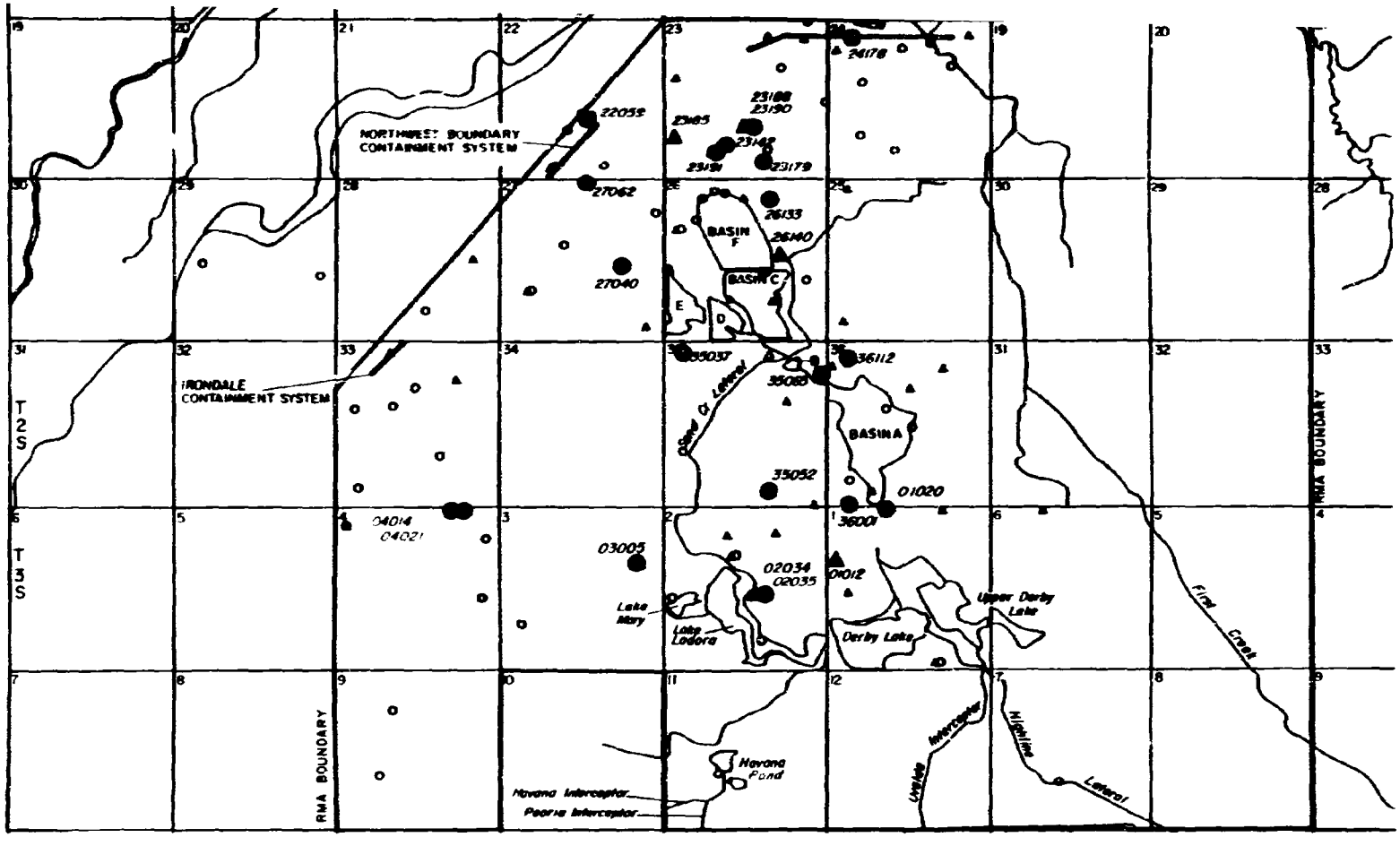
ARSENIC DETECTIONS DENVER ZONE 5, 3RD QUARTER, FY 1987

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

APPENDIX D.6: TASK 4/44 GC/MS ANALYSIS
NETWORK DETECTION (D-169 TO D-188)


R67W
R66W
T1S
T2S
Platte River
South Platte
Second Creek
Fulton Ditch
Barr Lake
Burlington Ditch
O'Brien Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
24178
23188
23190
23185
23142
23191
23179
22059
27062
27040
26133
26140
BASIN F
BASIN C
E
D



EXPLANATION

- o — Alluvial Well
- △ — Denver Formation Well
- 04021 ● — Alluvial Detection And Well Number
- 01012 ▲ — Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

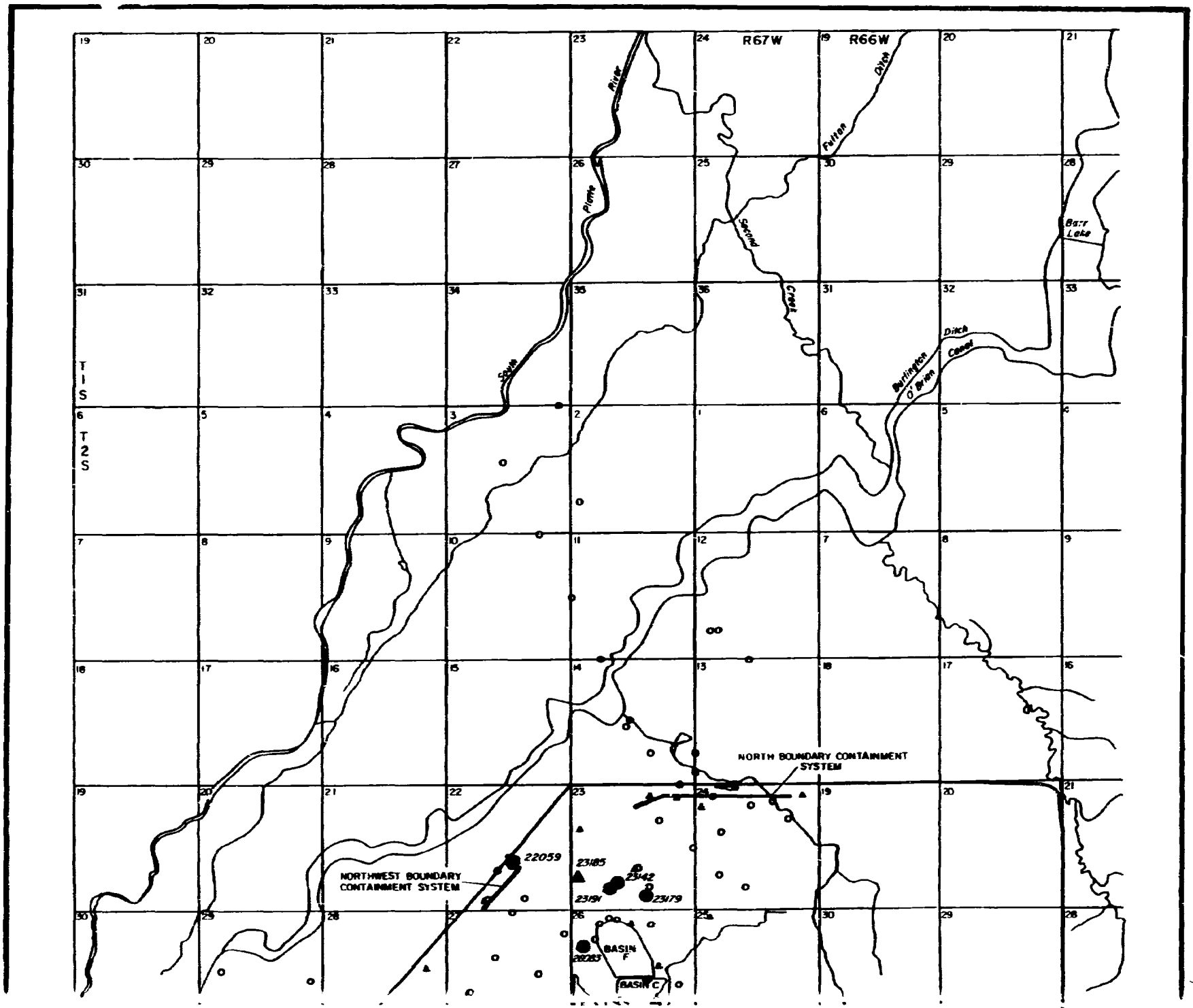
Figure D-169

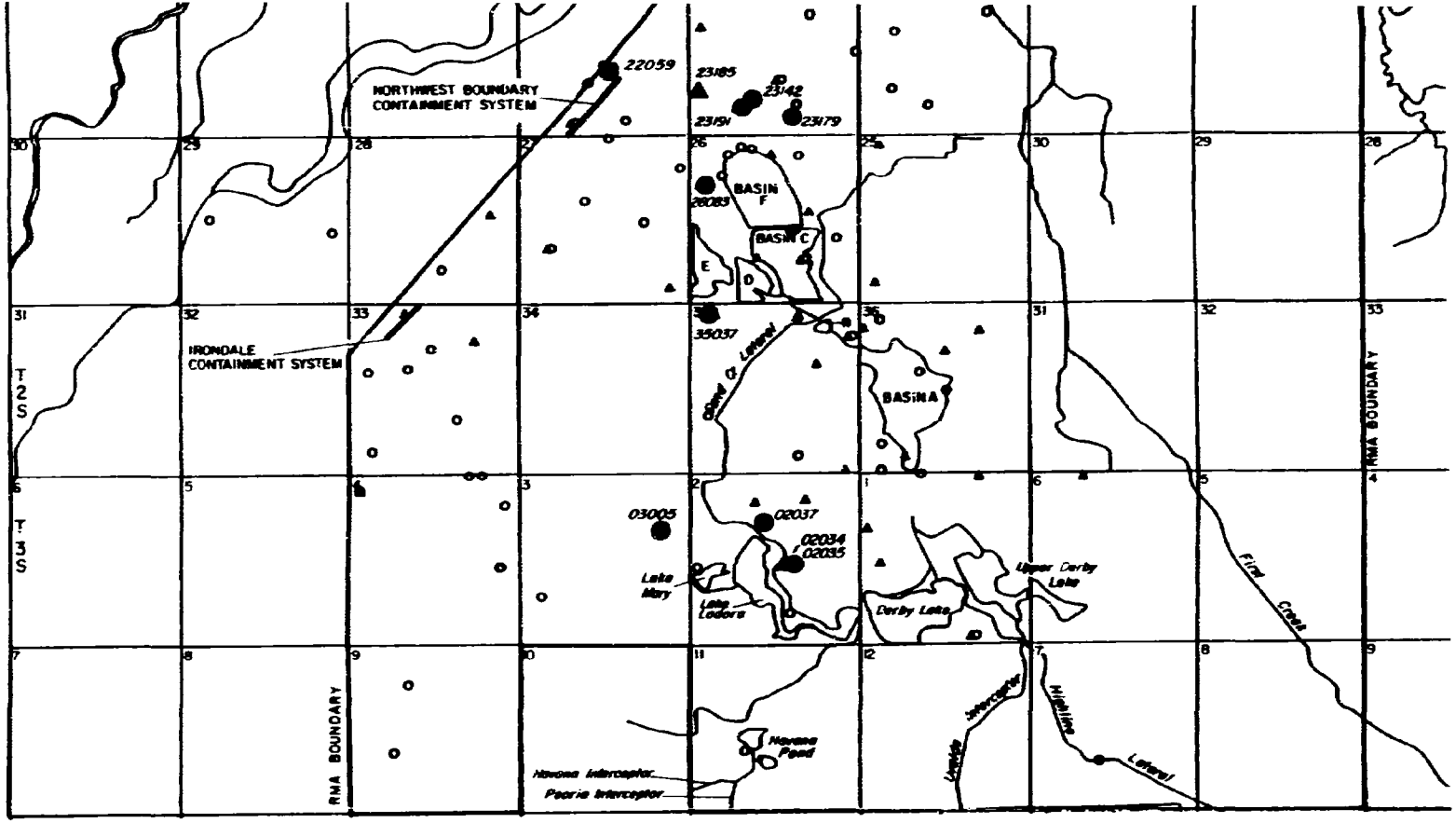
TASK 4/44 GC/MS ANALYSIS NETWORK, 1,1,2,2-TETRACHLOROETHANE DETECTIONS

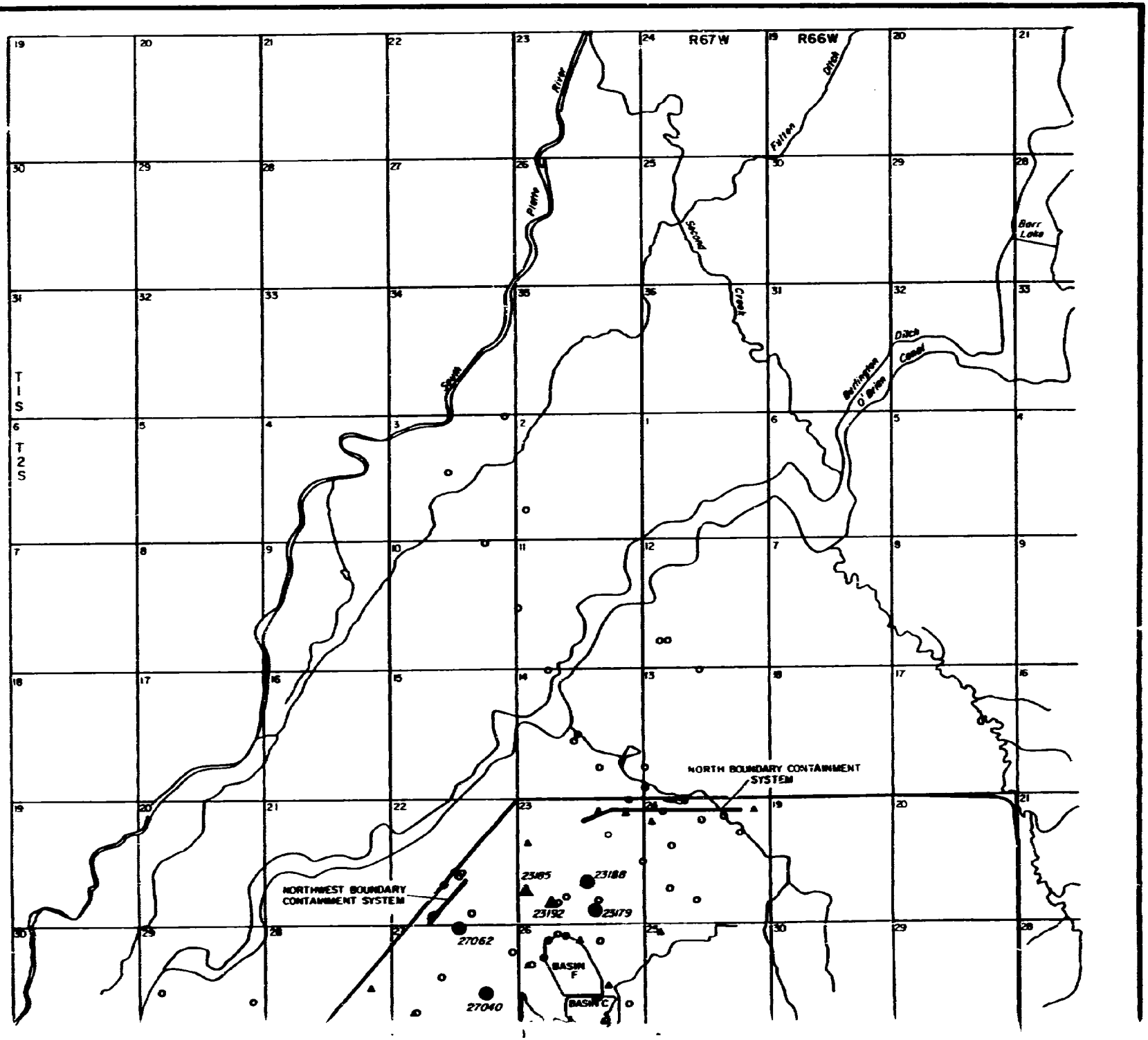
SOURCE: Hunter/ESE, 1988

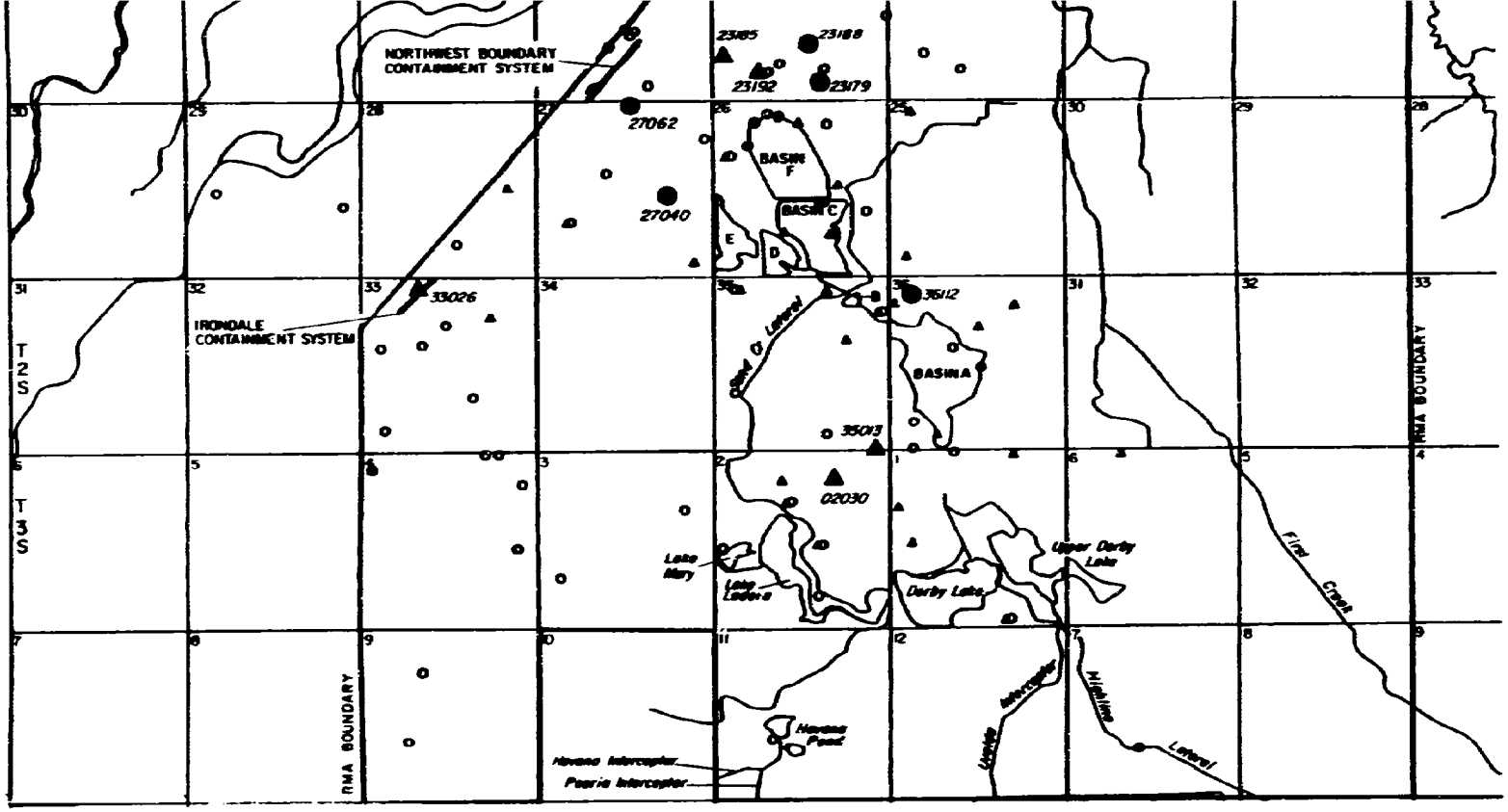
Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
South Platte River
Second Creek
Fulton Ditch
Barr Lake
Burlington O'Brien Ditch
Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
22059
23185
23142
23191
23179
BASIN F
BASIN C


NORTHWEST BOUNDARY CONTAINMENT SYSTEM
IRONDALE CONTAINMENT SYSTEM
RMA BOUNDARY
RMA BOUNDARY
BASIN F
BASIN C
BASIN A
E
D
T 2 S
T 3 S
22059
23185
23142
23191
23179
26089
35037
03005
02037
02034
02035
Lake Mary
Lake Ladora
Upper Derby Lake
Derby Lake
First Creek
Havana Pond
Havana Interceptor
Peoria Interceptor
Lateral
Lateral
Lateral


R67W
R66W
T1S
T2S
Platte River
Second Creek
Fulton Ditch
Barr Lake
Burlington O'Brien Ditch Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
23185
23188
23192
23179
27062
27040
BASIN F
BASIN C



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 35112 Alluvial Detection And Well Number
- ▲ 02030 Denver Formation Detection And Well Number

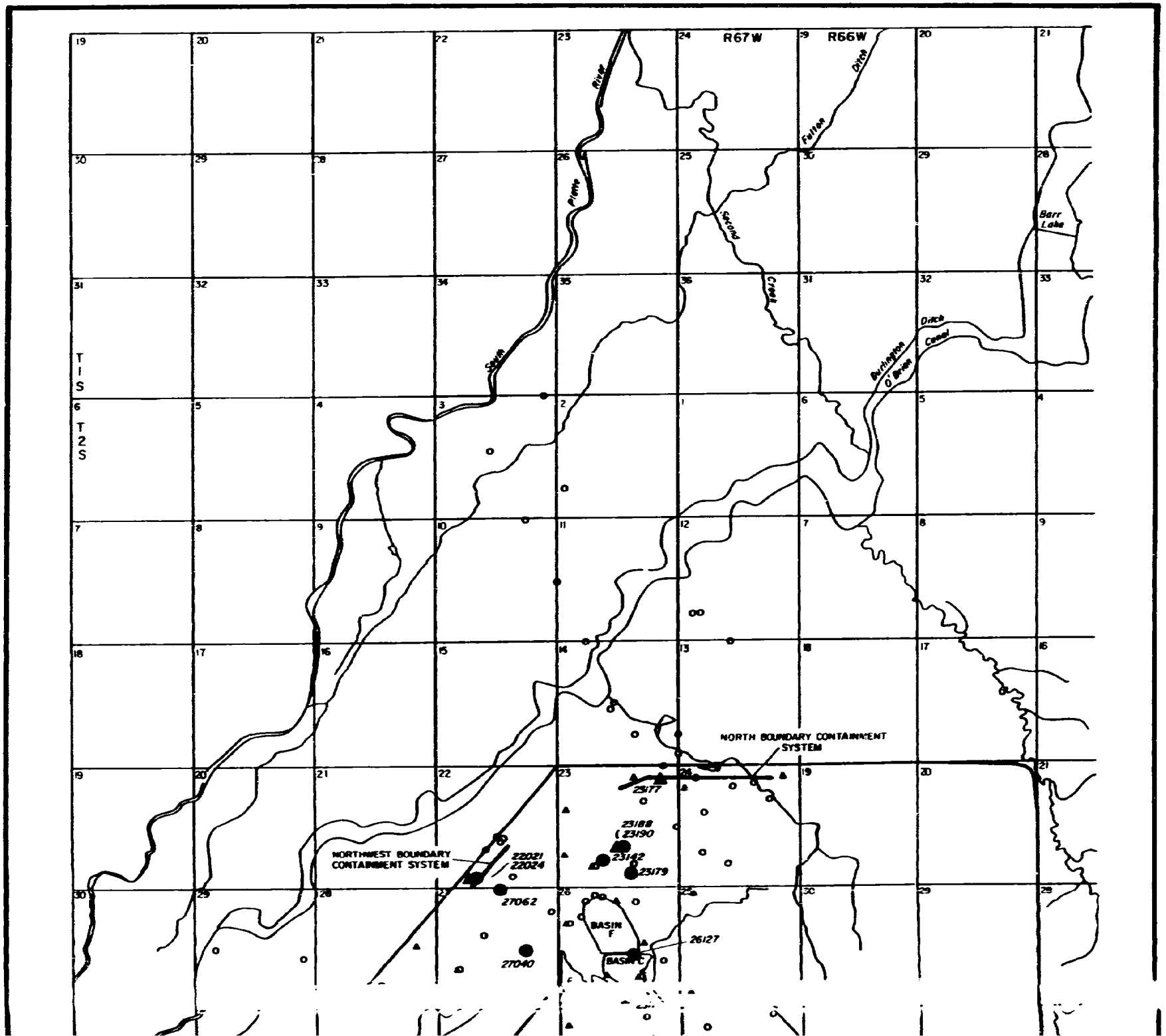
Figure D-171

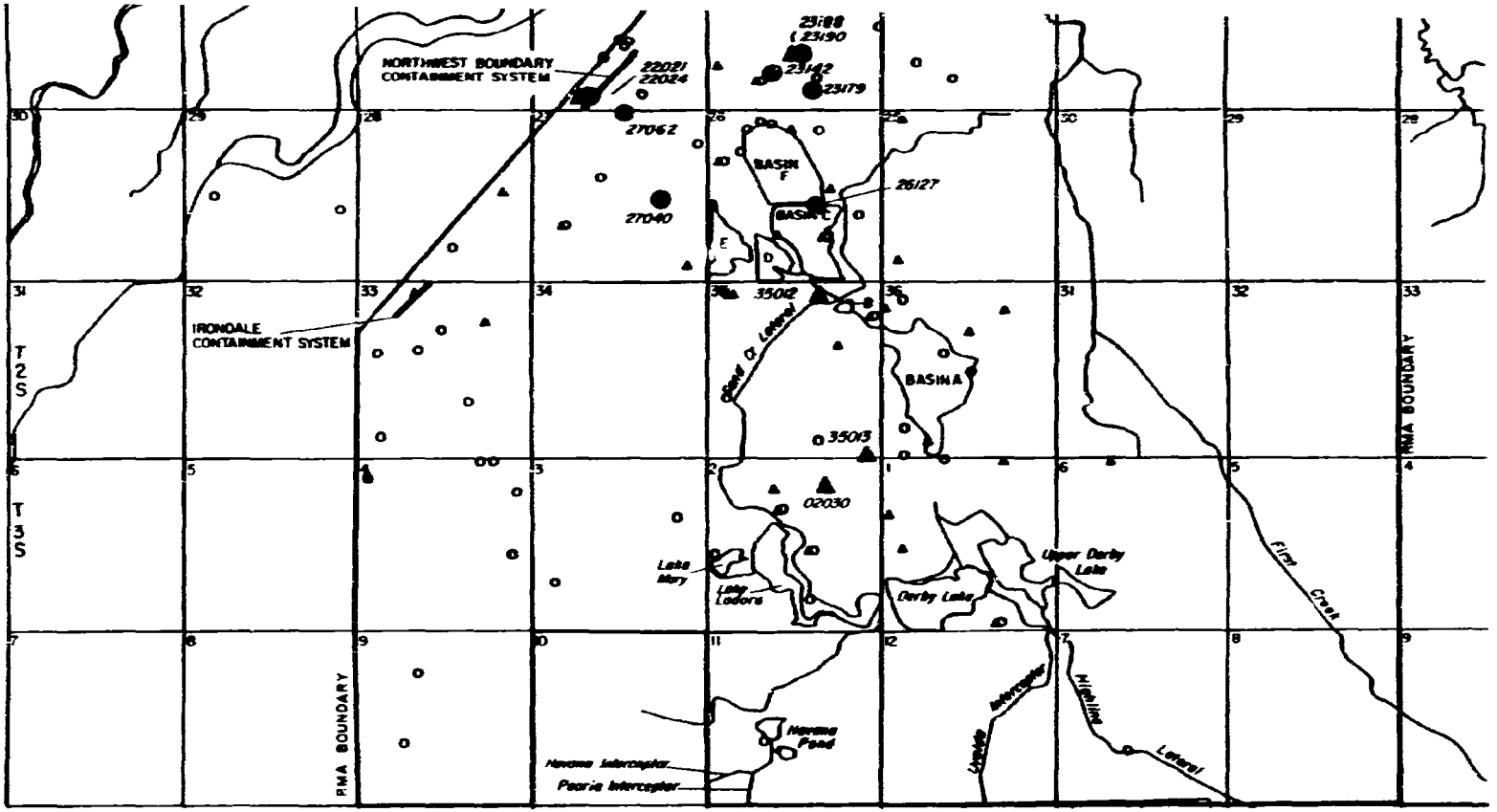
TASK 4/44 GC/MS ANALYSIS NETWORK, 2,6,10,14-TETRAMETHYLHEXADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Second Creek
Barr Lake
Burlington Ditch
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
23177
23188
(23190
23142
23179
22021
22024
27062
27040
BASIN F
BASIN C
26127



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 26127 Alluvial Detection And Well Number
- ▲ 35012 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

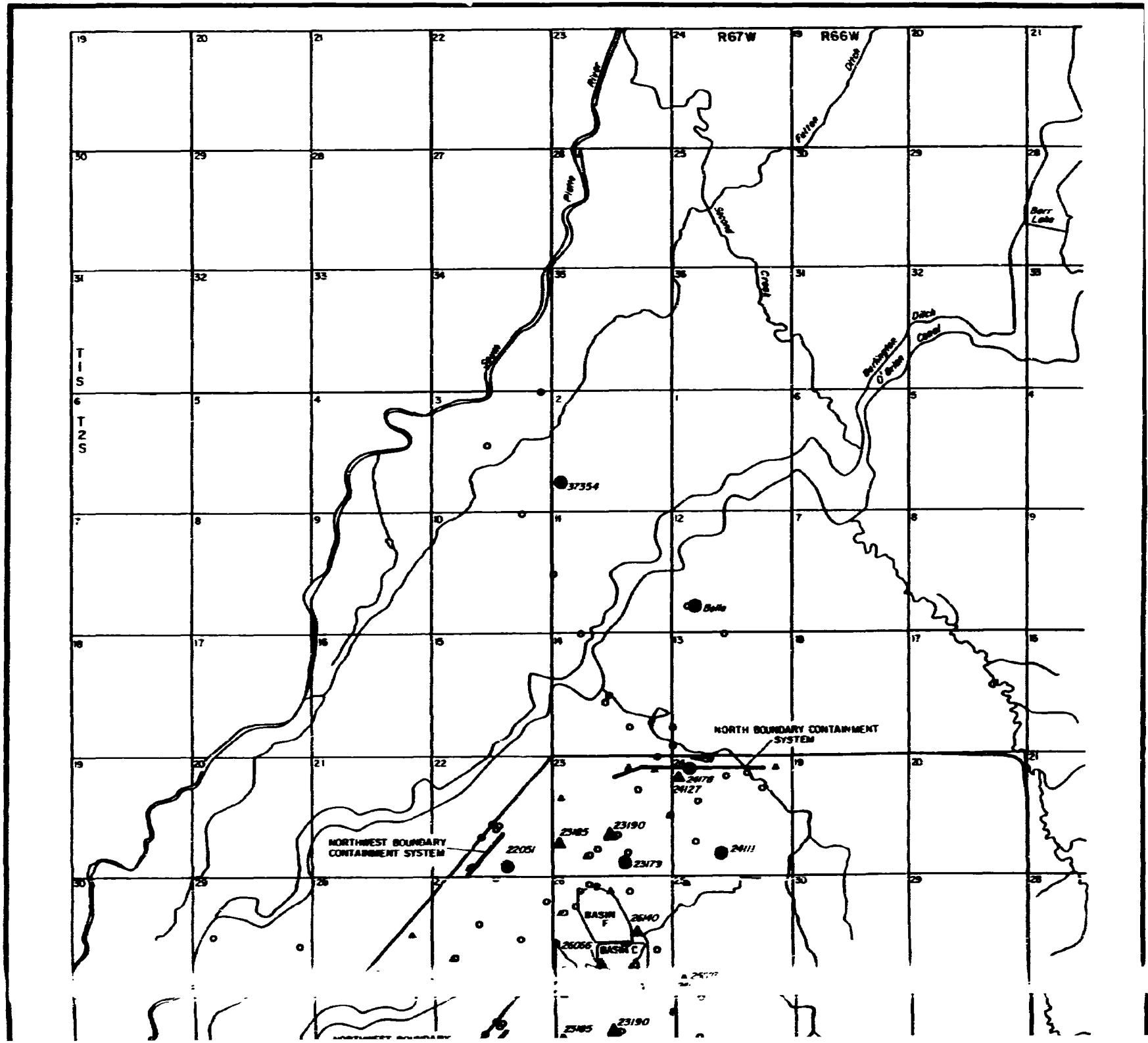
Figure D-172

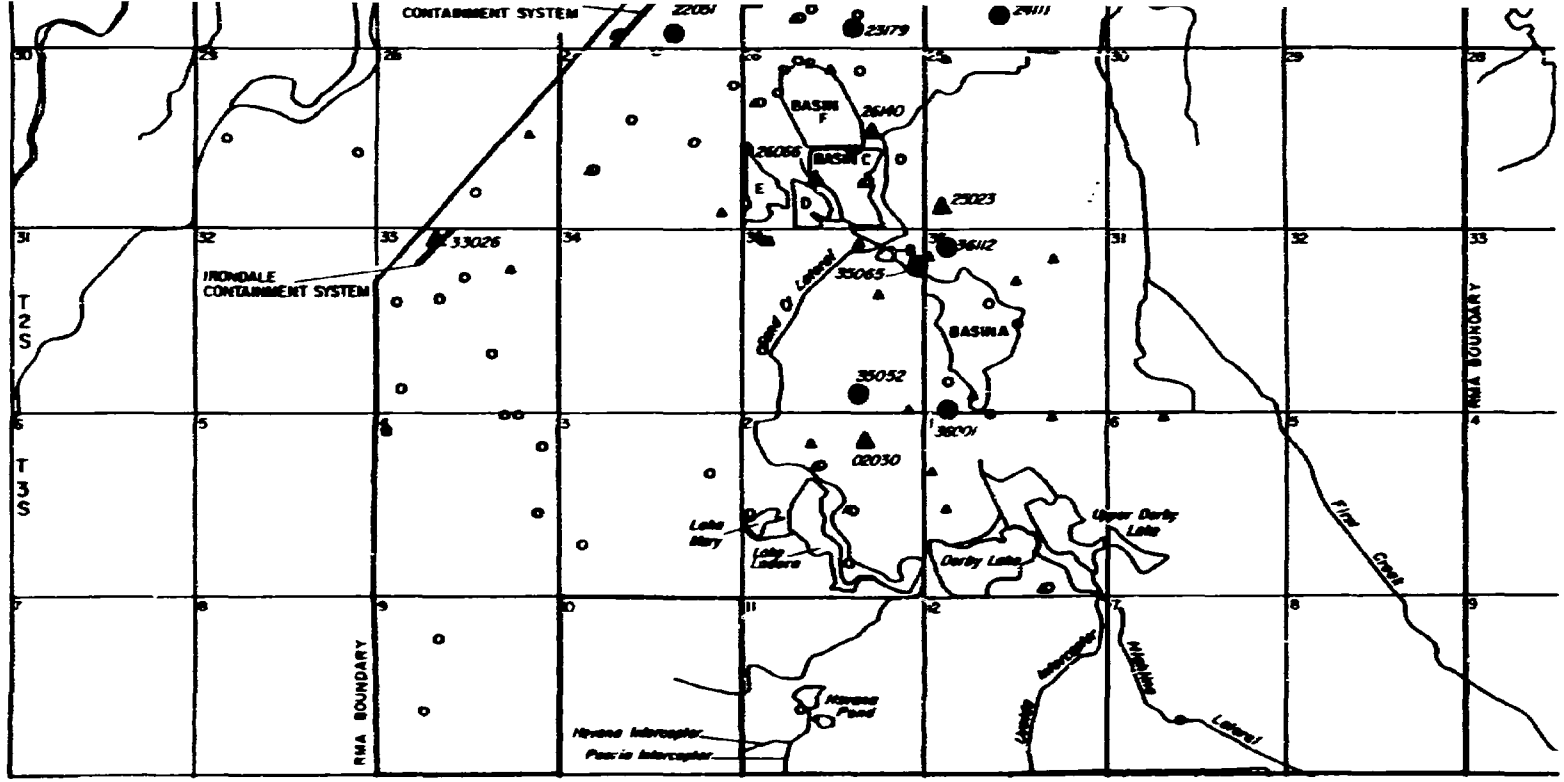
TASK 4/44 GC/MS ANALYSIS NETWORK, 2,6,10-TRIMETHYLPENTADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Burlington Ditch
Burr Lake
37354
Bella
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
24178
24127
25185
23190
24111
23179
22051
BASIN F
BASIN C
26040
26056



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 35052 Alluvial Detection And Well Number
- ▲ 02030 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

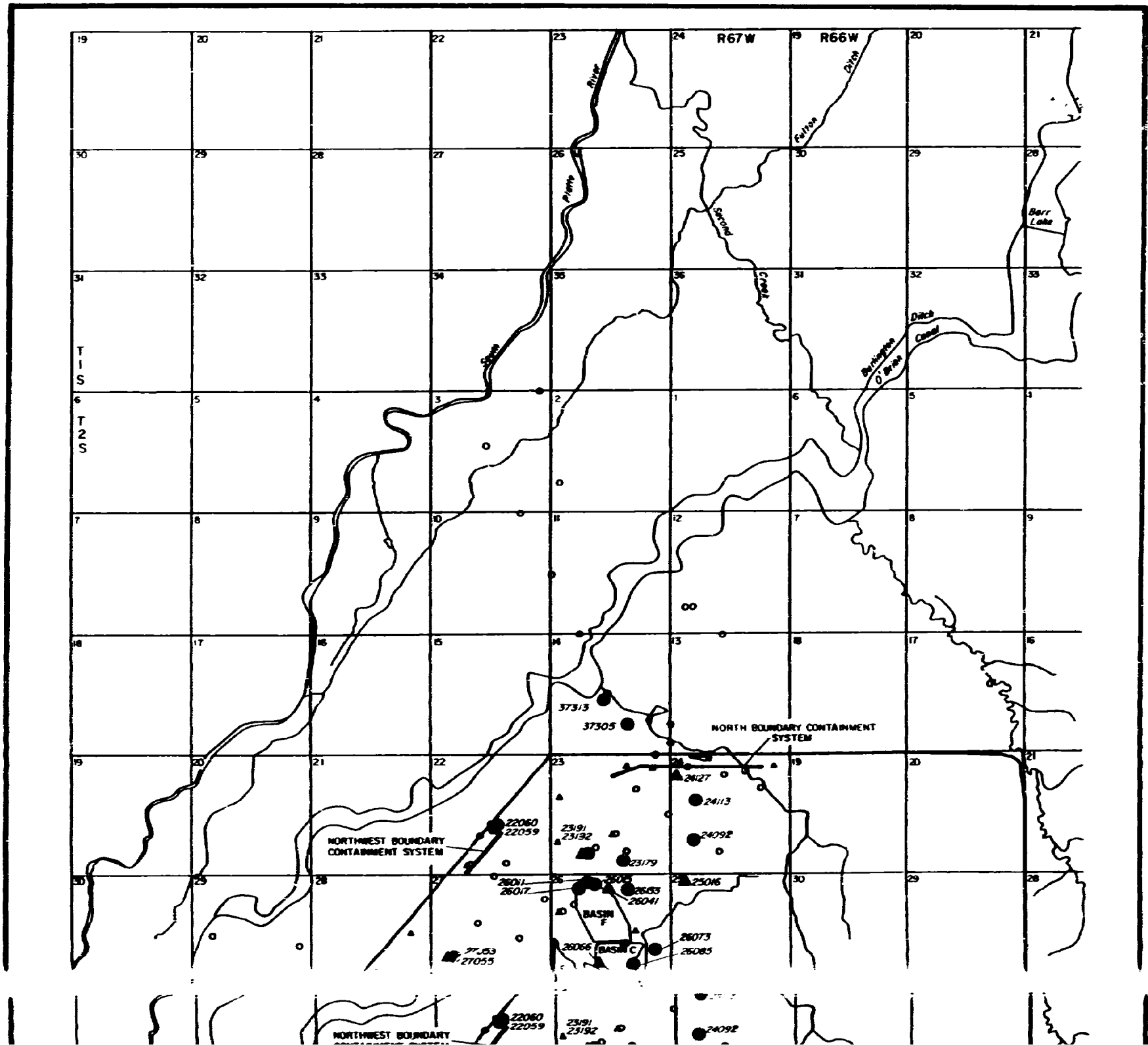
Figure D-173

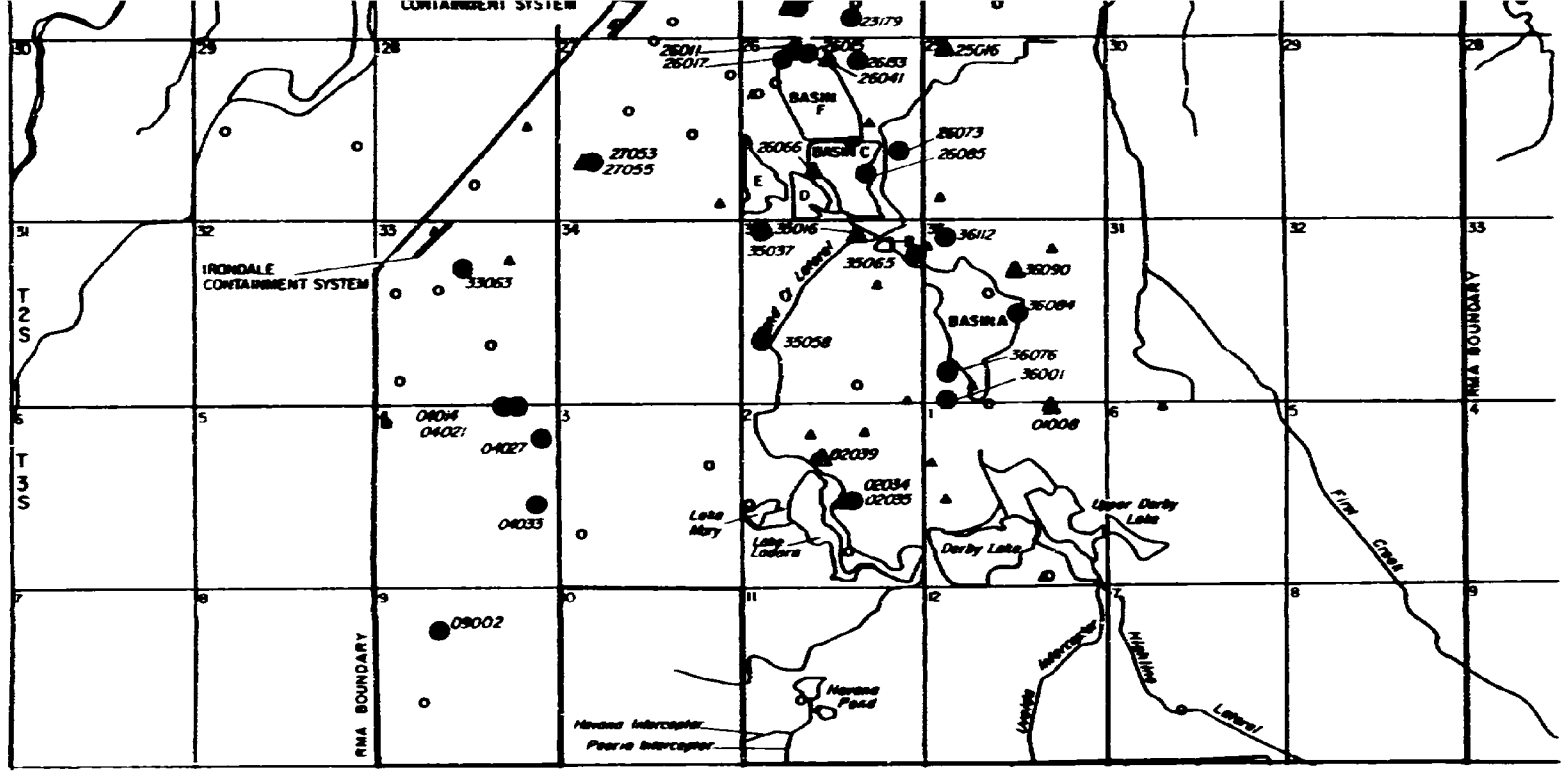
TASK 4/44 GC/MS ANALYSIS NETWORK, BIS(2-ETHYLHEXL) PHTHALATE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Second Creek
Burlington Ditch
O'Brien Canal
Farmers Ditch
Barr Lake
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN F
BASIN C
37313
37305
24127
24113
24092
25016
23179
23191
23192
22060
22059
26011
26017
26033
26041
26066
26073
26085
27053
27055



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 09002 Alluvial Detection And Well Number
- ▲ 02039 Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

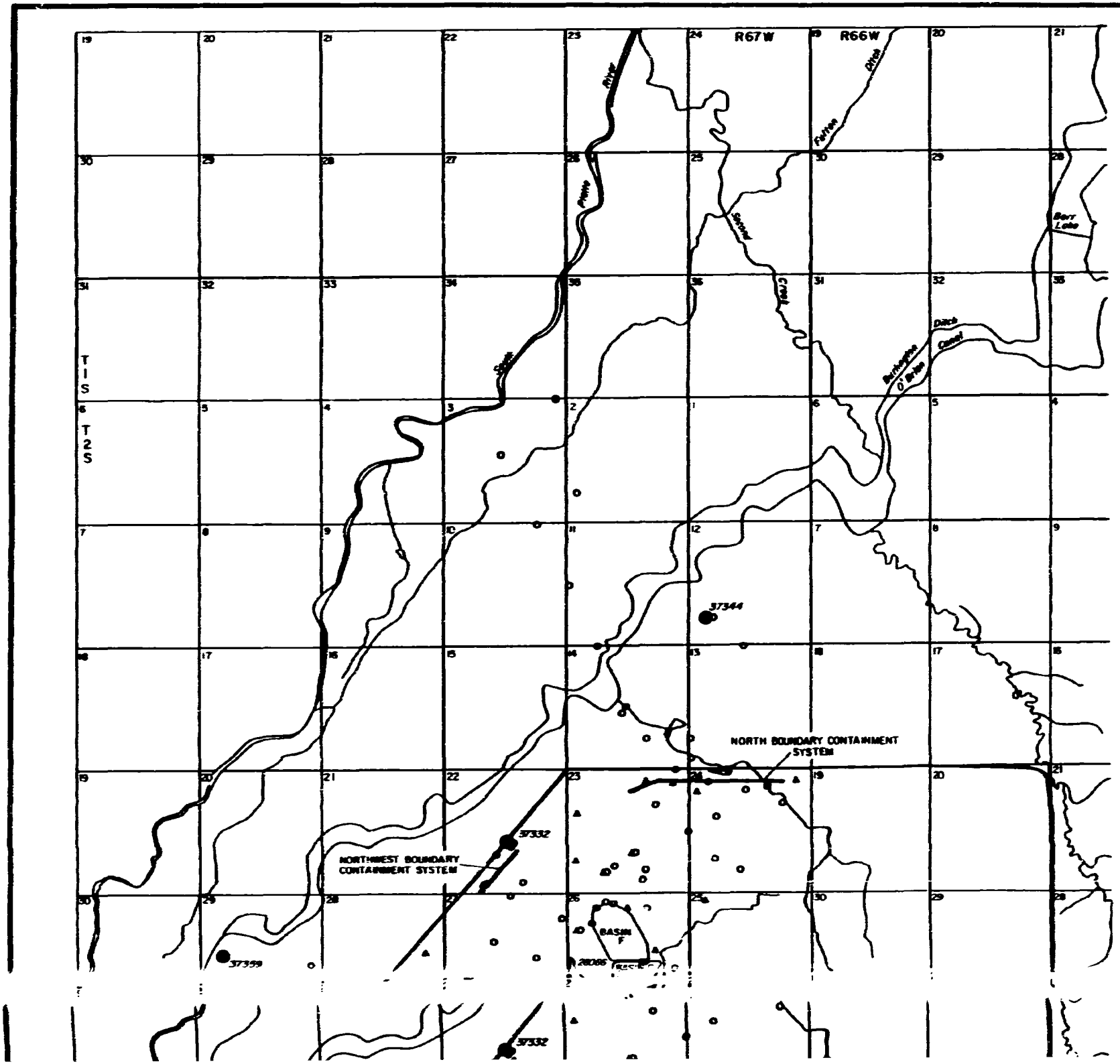
Figure D-174

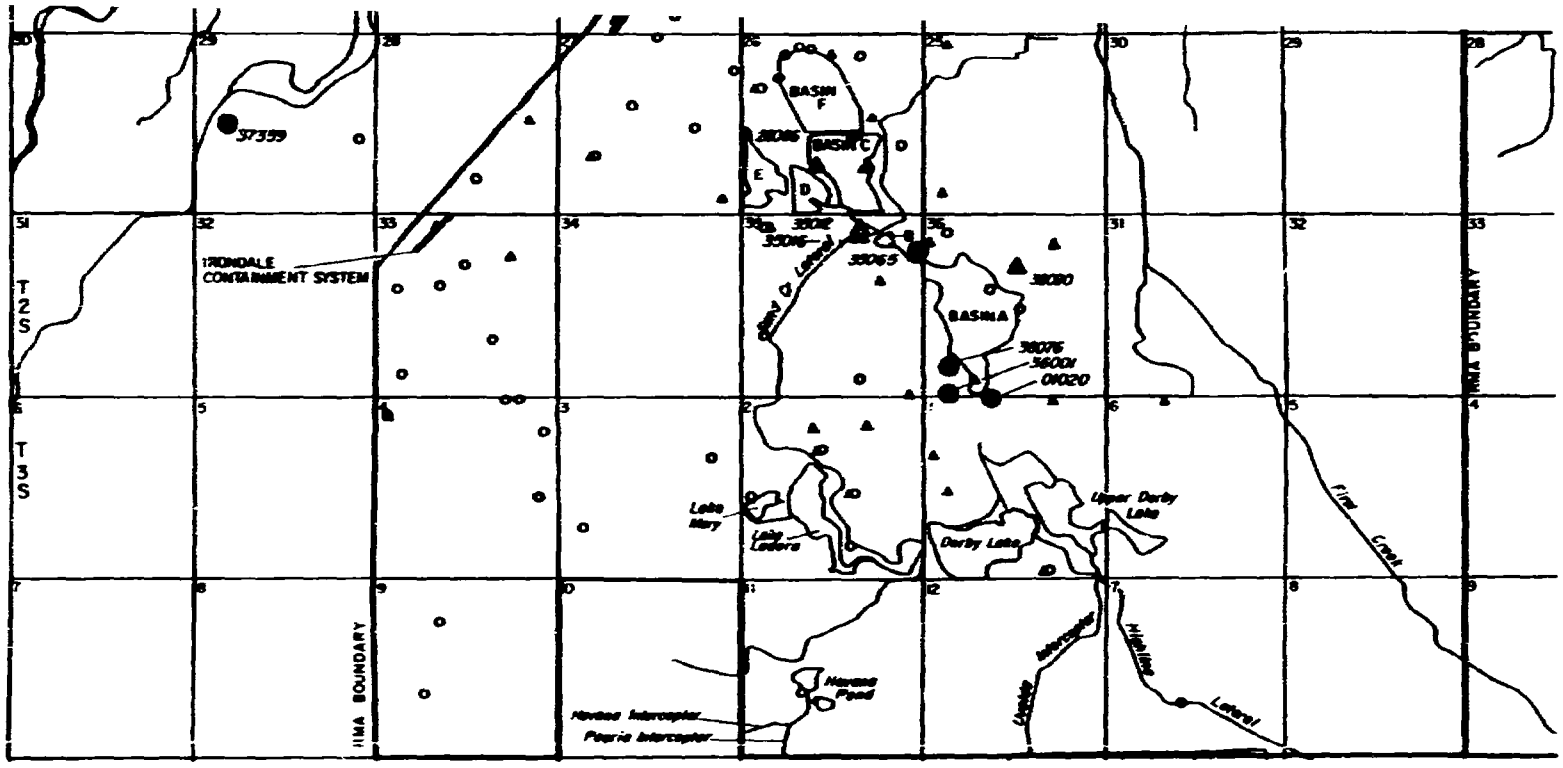
TASK 4/44 GC/MS ANALYSIS NETWORK, CAPROLACTAM DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Burlington Ditch
Burlington Ditch Canal
Barr Lake
37344
37332
37359
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN F



EXPLANATION

- o — Alluvial Well
- △ — Denver Formation Well
- ● 00020 — Alluvial Detection And Well Number
- ▲ 36090 — Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

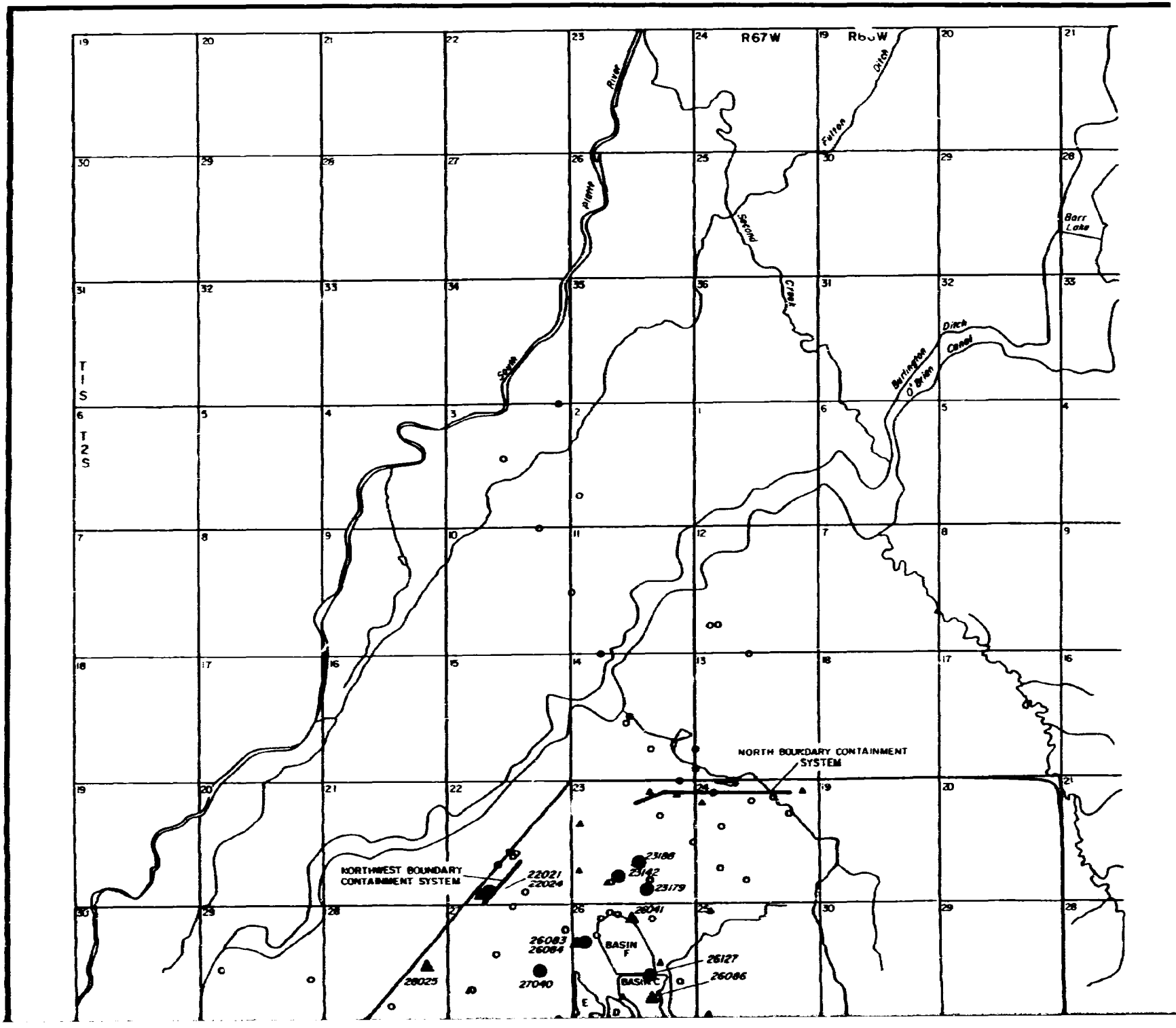
Figure D-175

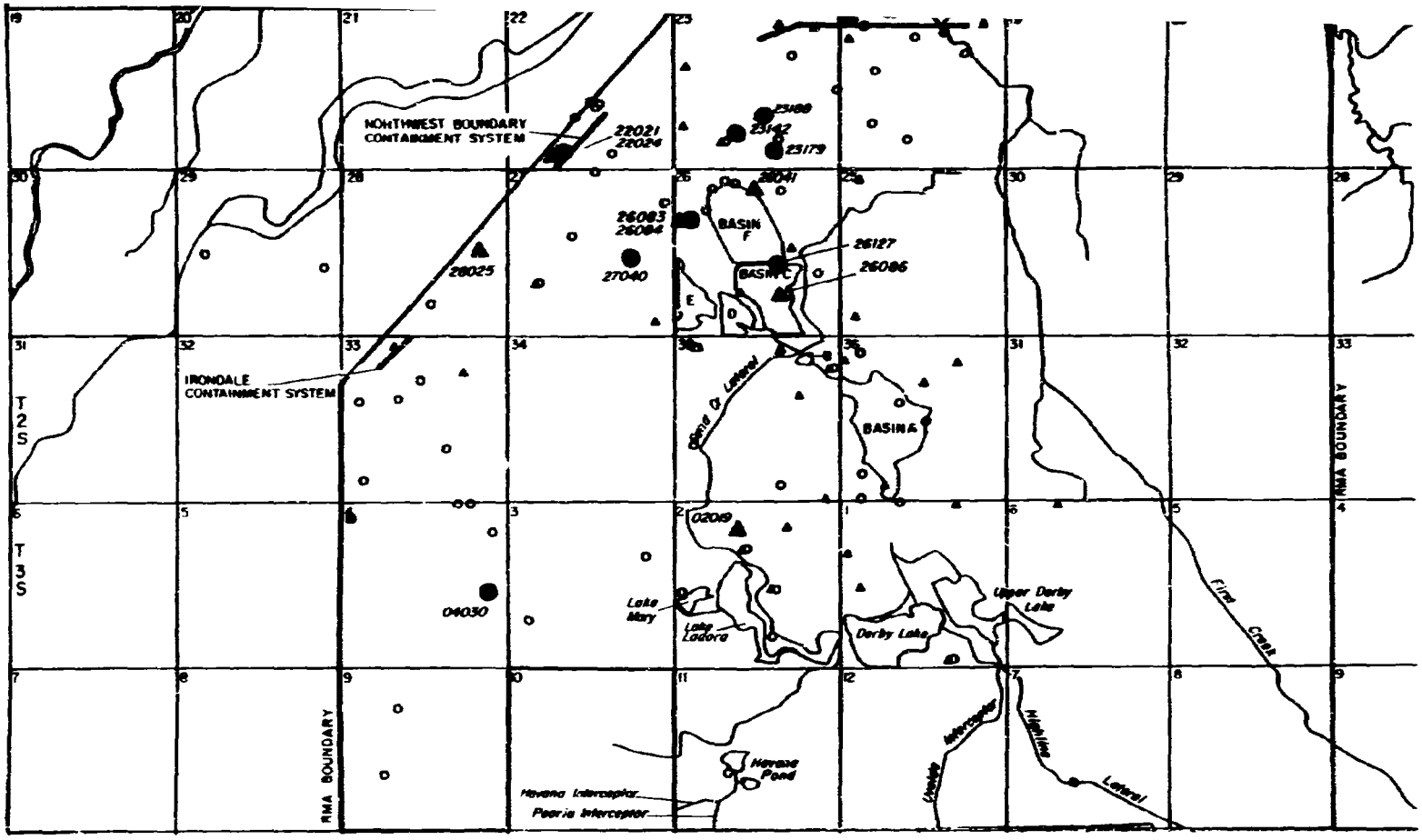
TASK 4/44 GC/MS ANALYSIS NETWORK, CHLOROBENZENE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Second Creek
Barr Lake
Burlington Ditch
O'Brian Canal
Fulton Ditch
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
22021
22024
23188
23142
23179
28041
26083
26084
27040
28025
BASIN F
BASIN C
26127
26086



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 04030 Alluvial Detection And Well Number
- ▲ 02019 Denver Formation Detection And Well Number

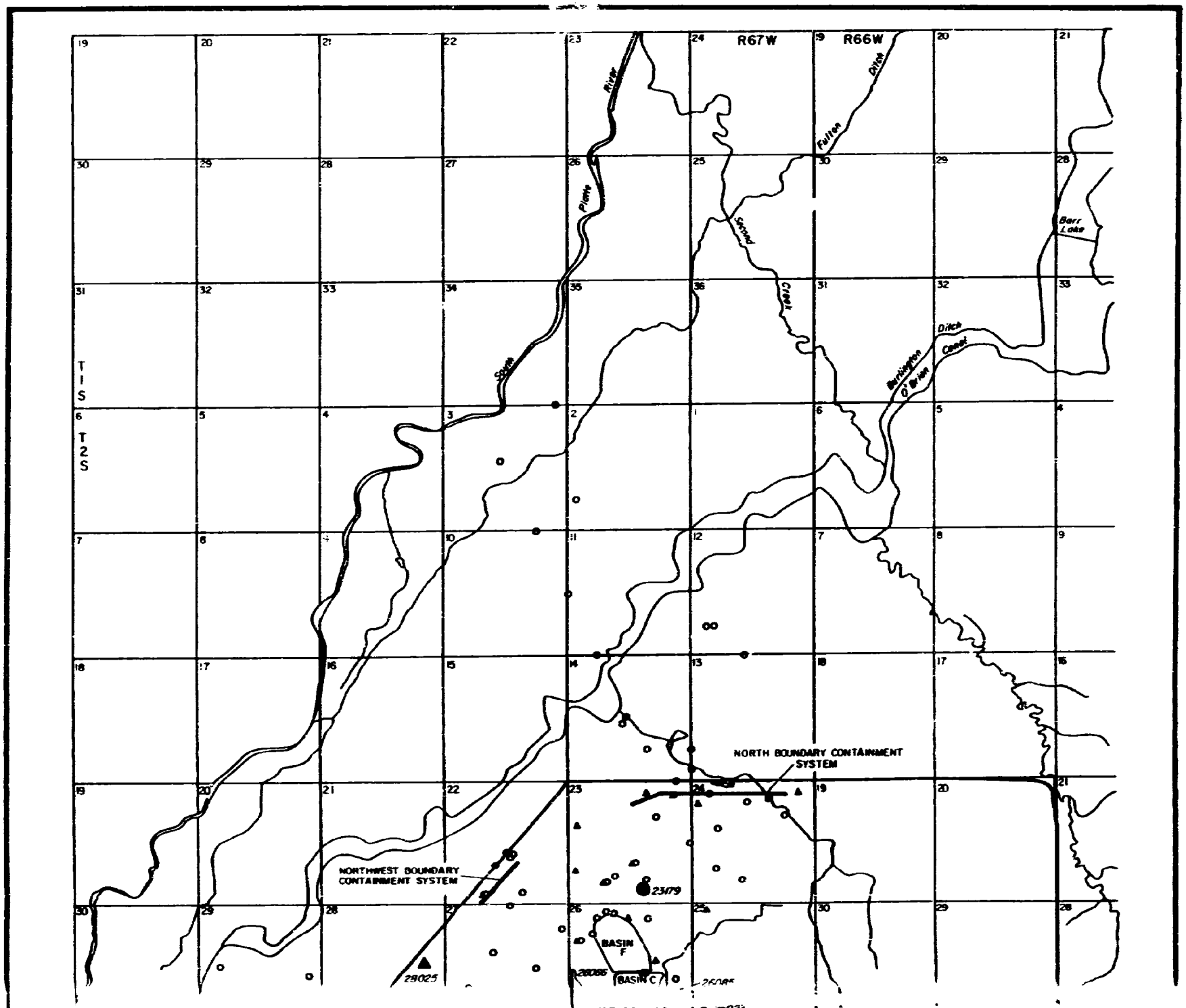
Figure D-176

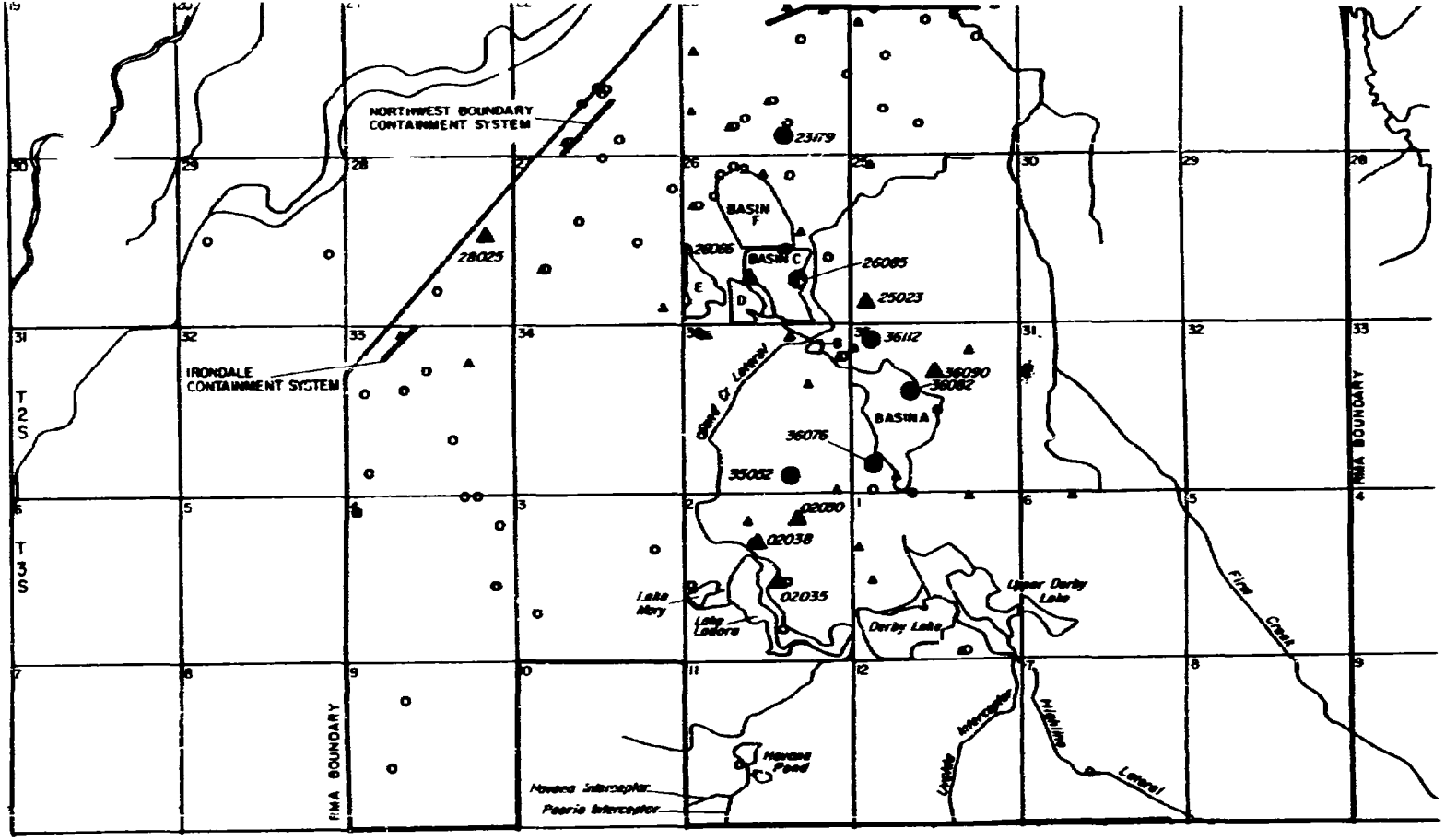
TASK 4/44 GC/MS ANALYSIS NETWORK, CYCLOPENTANONE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
South Platte River
Second Creek
Fulton Ditch
Barr Lake
Burlington Ditch
O'Brian Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
23179
BASIN F
BASIN C
29025



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 35052 Alluvial Detection And Well Number
- ▲ 02035 Denver Formation Detection And Well Number

N

2500 5000

Scale in Feet

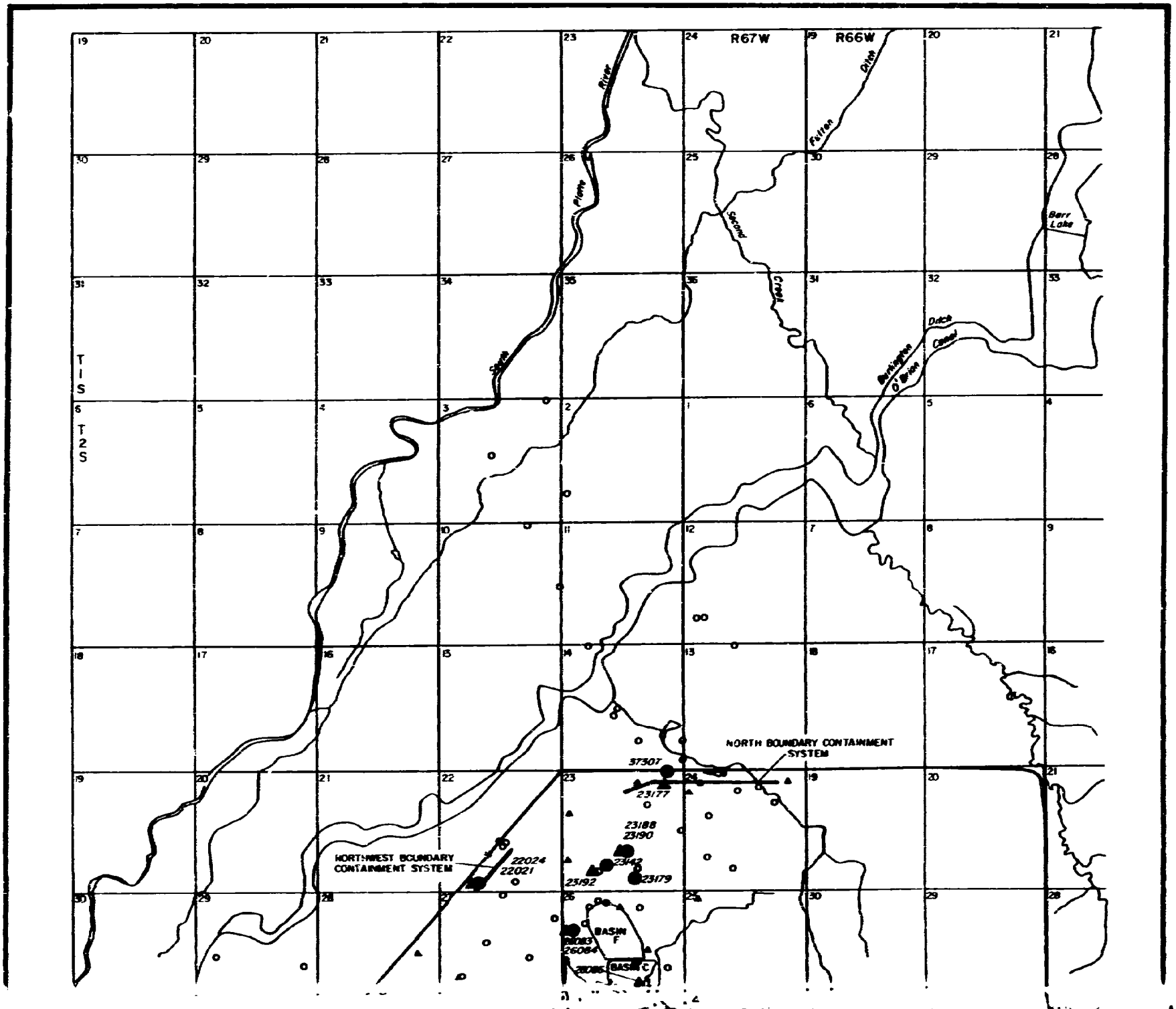
Figure D-177

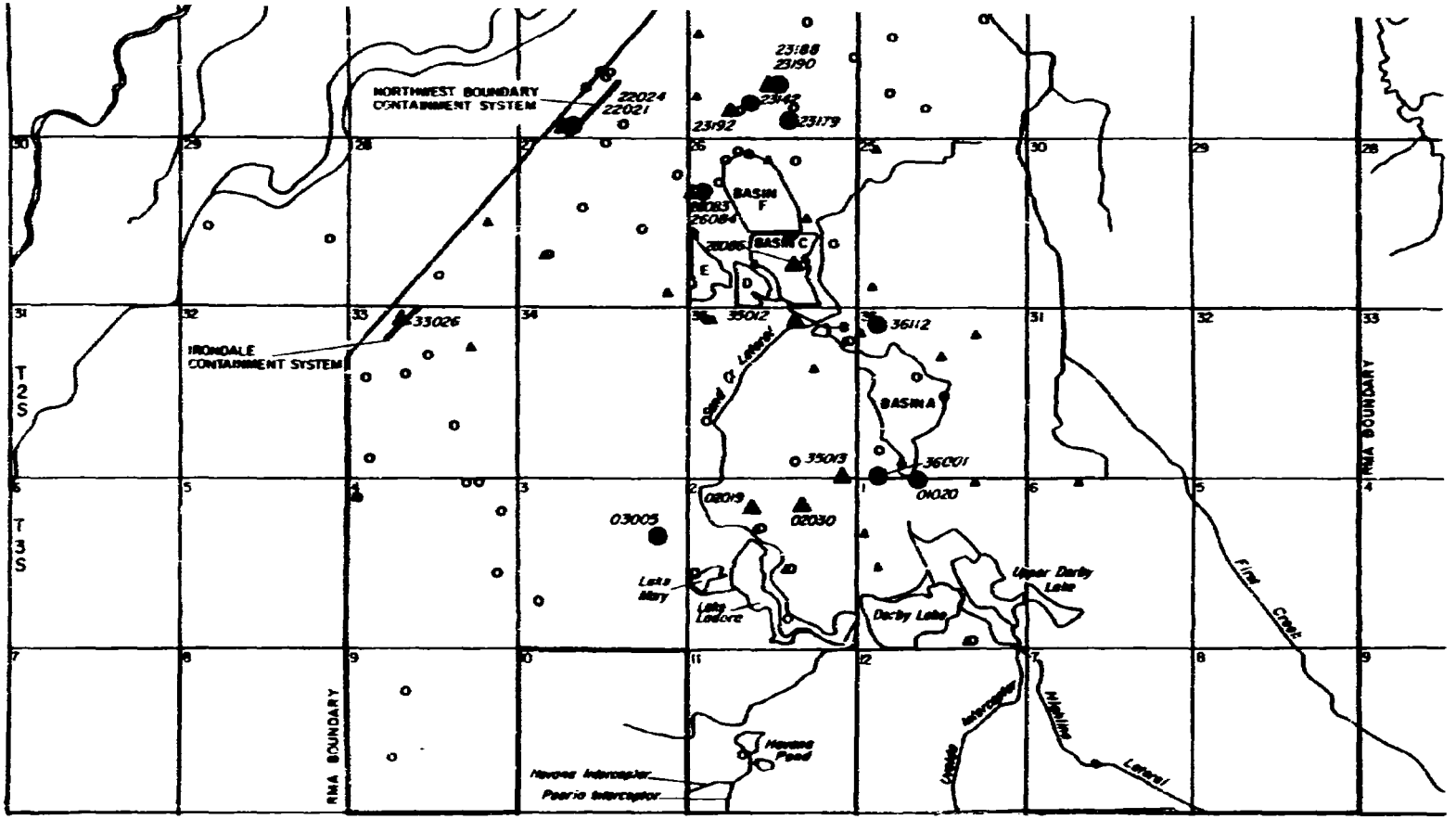
TASK 4/44 GC/MS ANALYSIS NETWORK, HEXADECANOIC ACID DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Patton Ditch
Barr Lake
Burlington Ditch
O'Brian Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
37307
23177
23188
23190
23142
23179
23192
22024
22021
BASIN F
BASIN C



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 03005 Alluvial Detection And Well Number
- ▲ 02019 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

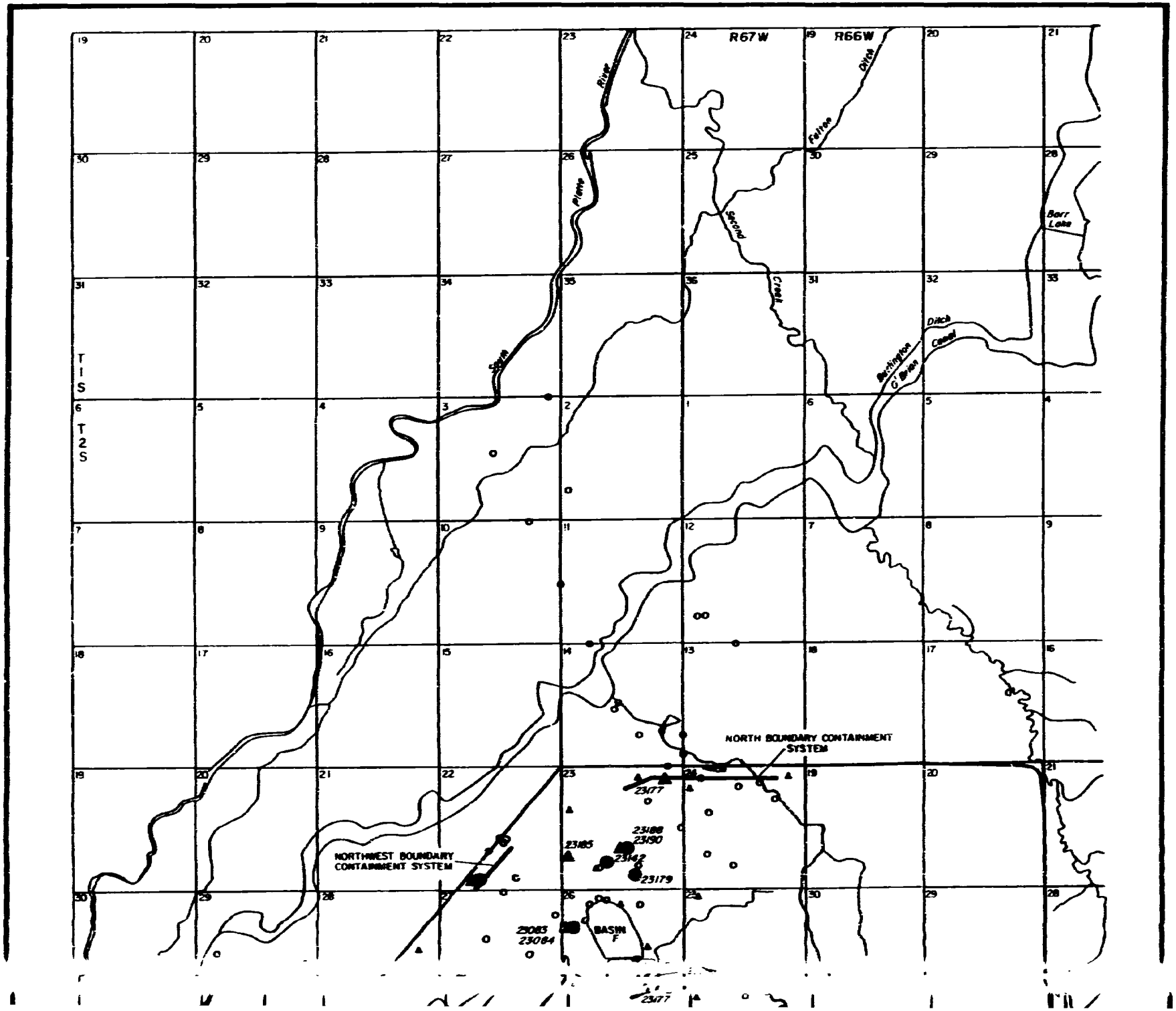
Figure D-178

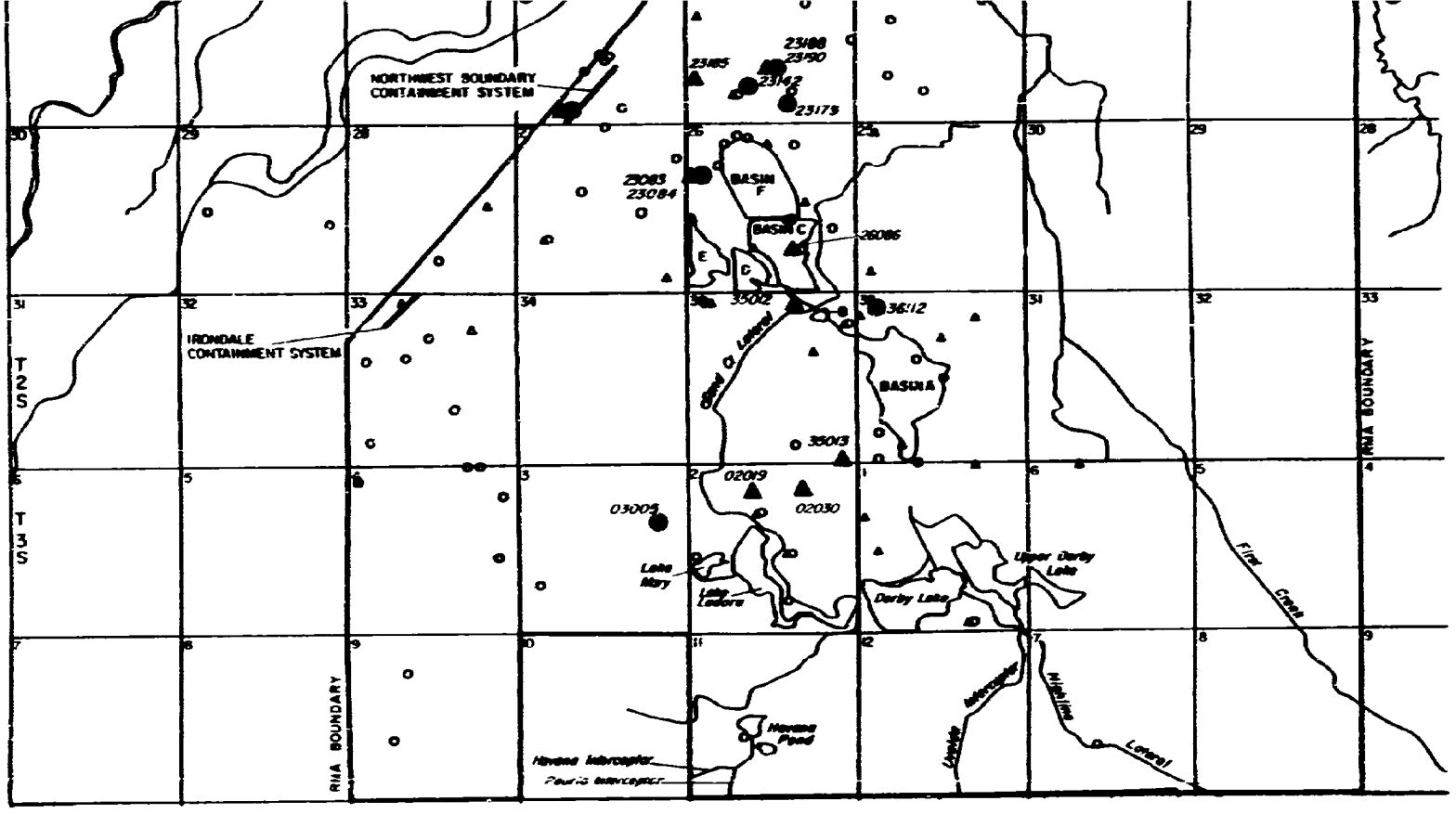
TASK 4/44 GC/MS ANALYSIS NETWORK, N-EICOSANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Second Creek
Barr Lake
Ditch
Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
23177
23188
23190
23185
23142
23179
23083
23084
BASIN F
23177



EXPLANATION

- Alluvial Well
- Denver Formation Well
- 03005 Alluvial Detection And Well Number
- 02019 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

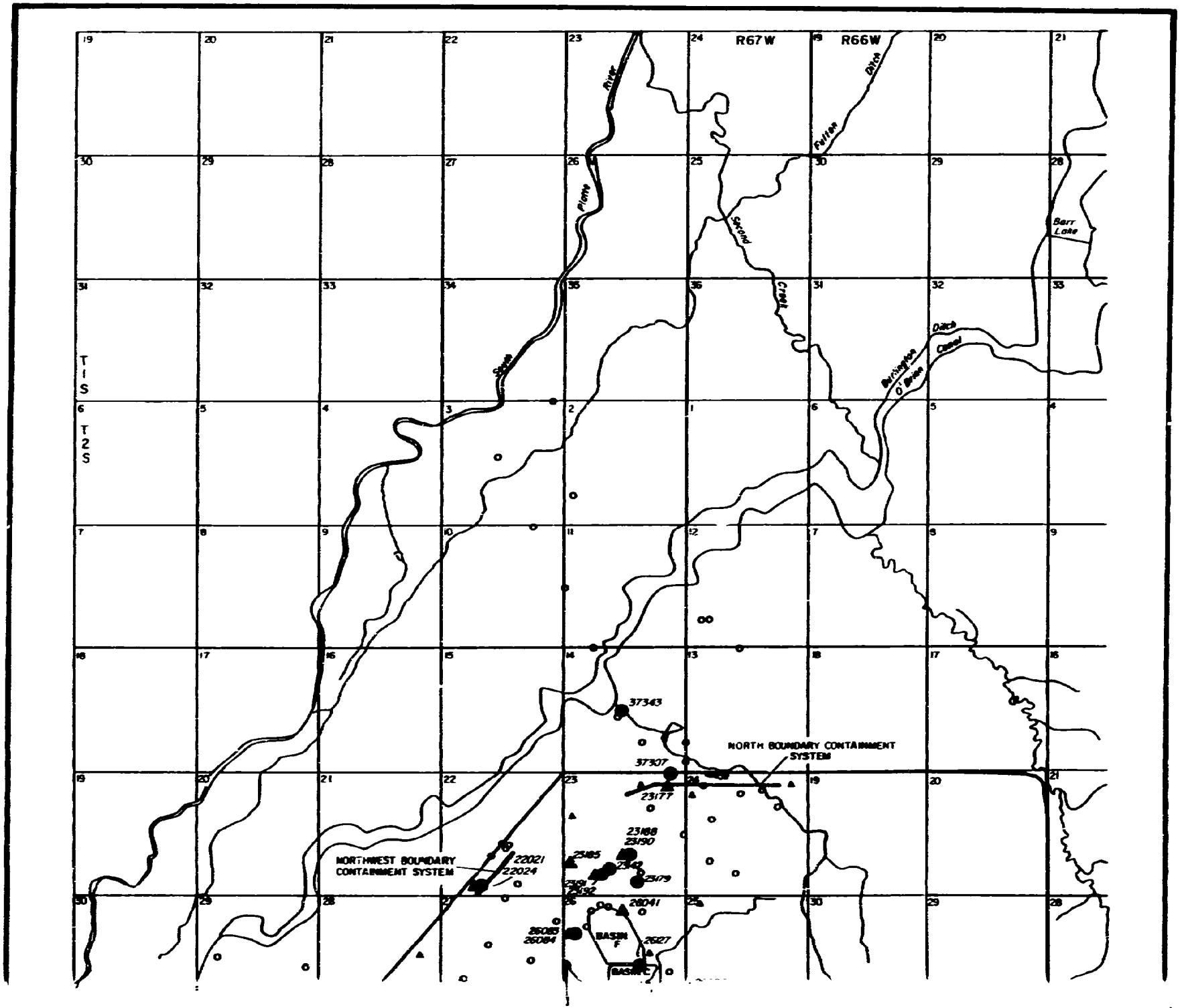
Figure D-179

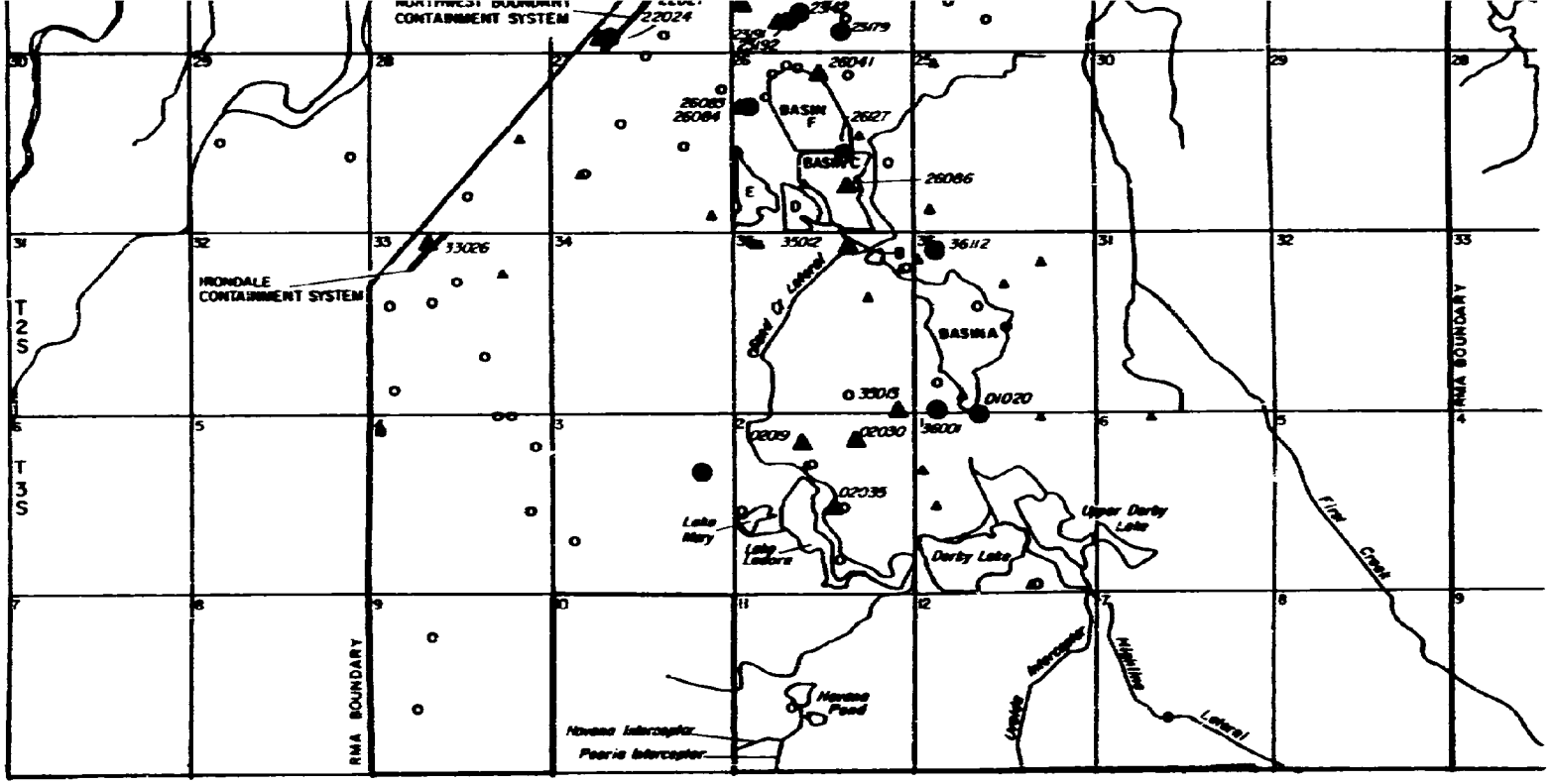
TASK 4/44 GC/MS ANALYSIS NETWORK, N-HENEICOSANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T 1 S
T 2 S
Platte River
Second Creek
Burlington Ditch
O'Brian Canal
Barr Lake
37343
37307
23177
23188
23190
25185
25179
25192
26041
26085
26084
25127
22021
22024
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN F
BASIN E



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 03005 Alluvial Detection And Well Number
- ▲ 02019 Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

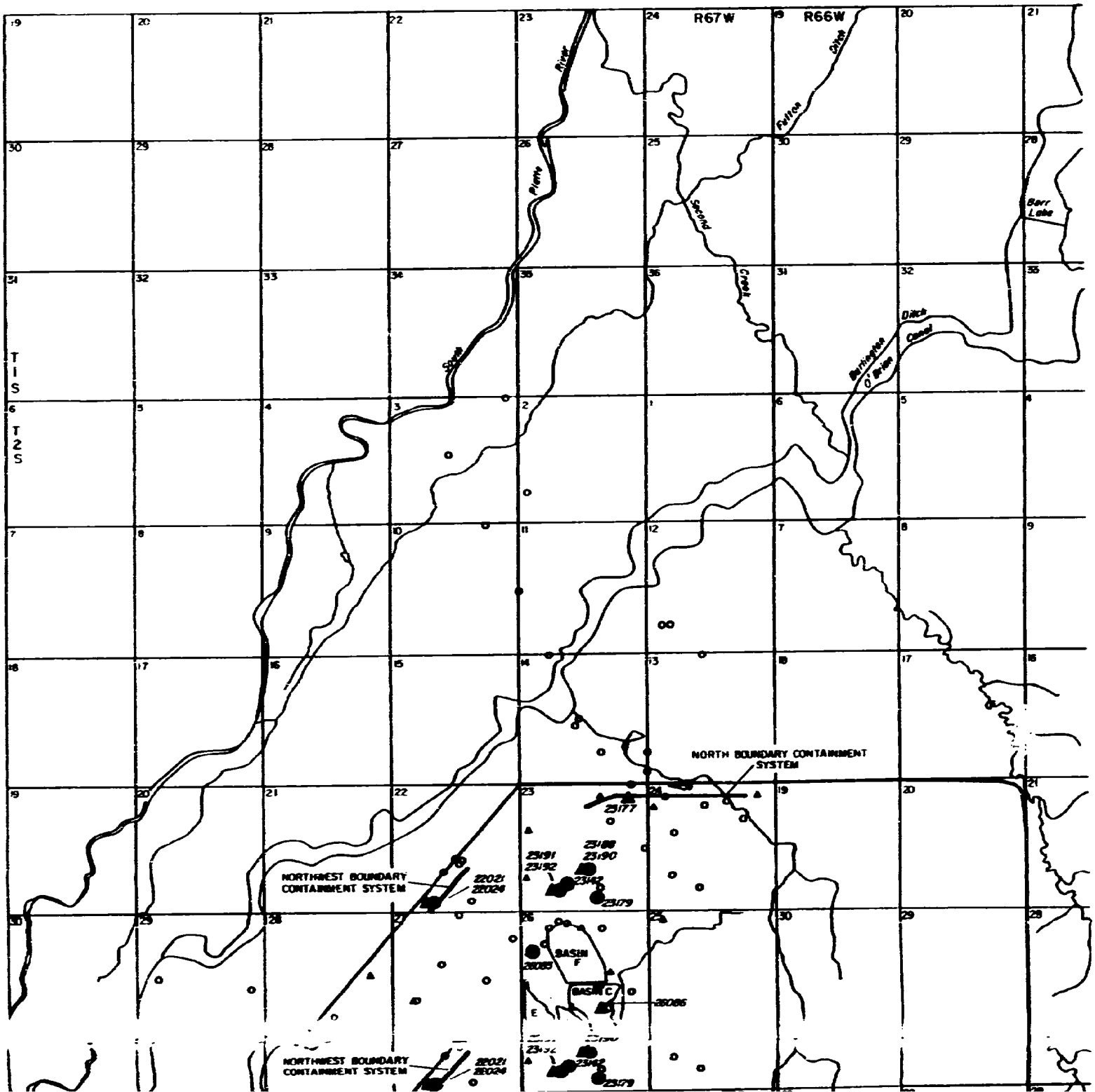
Figure D-180

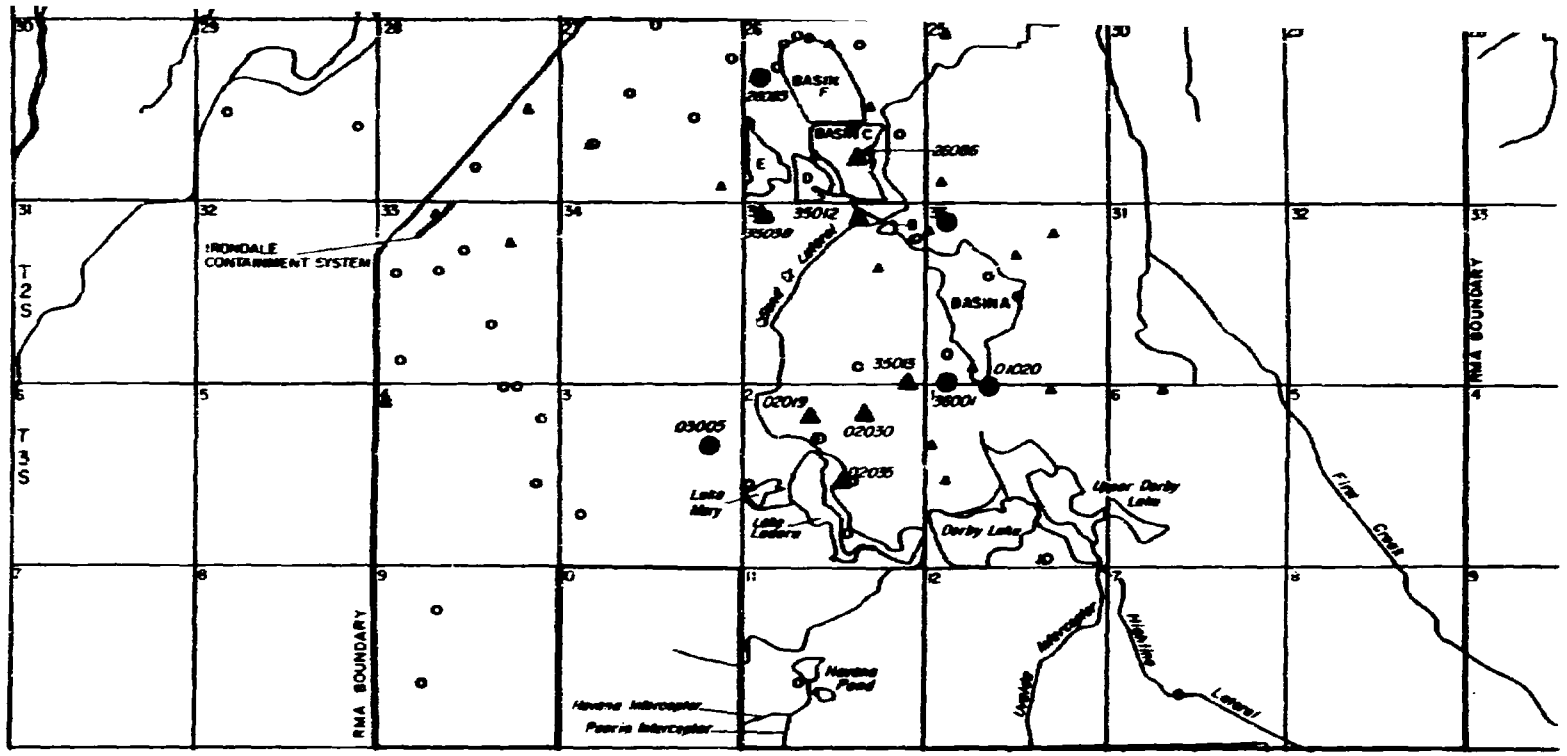
TASK 4/44 GC/MS ANALYSIS NETWORK, N-HEPTADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Sand Creek
Second Creek
Barr Lake
Burlington Ditch
O'Brian Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
22021
22024
25177
25188
25190
25191
25192
25179
BASIN F
BASIN C
28085
28086



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 03005 Alluvial Detection And Well Number
- ▲ 02019 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

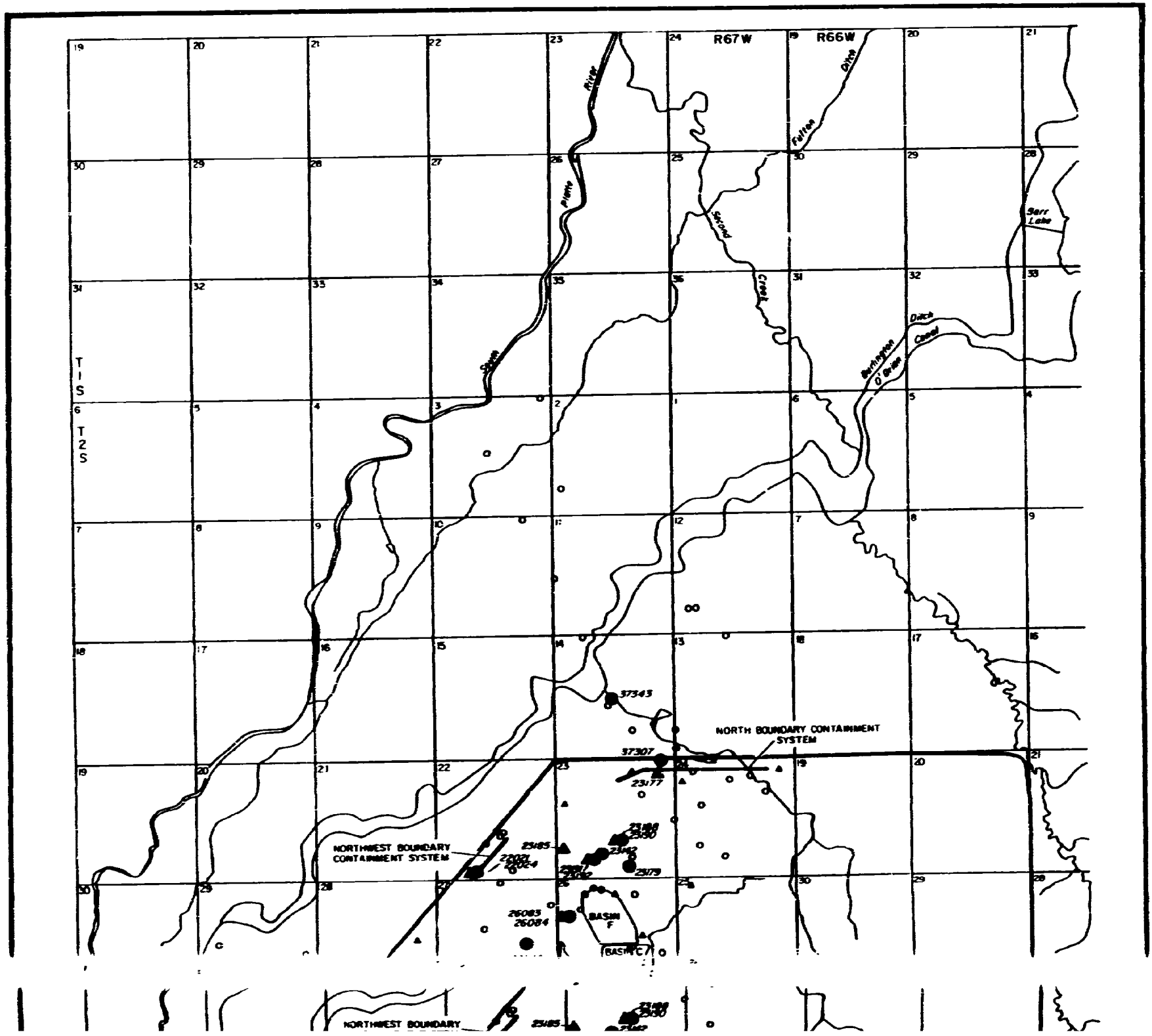
Figure D-181

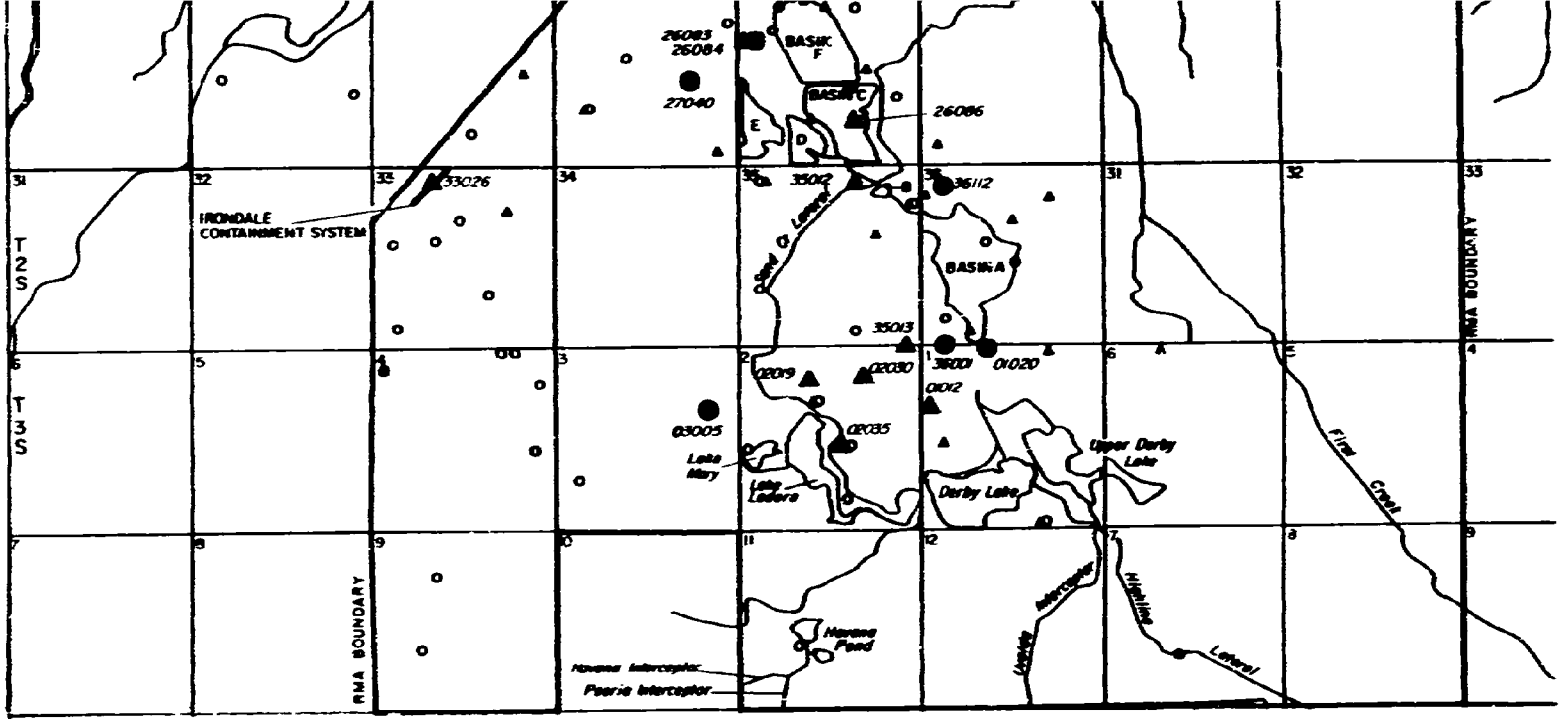
TASK 4/44 GC/MS ANALYSIS NETWORK, N-HEXADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Fulton Ditch
Serr Lake
Burlington Ditch
O'Brien Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
37343
37307
23177
25485
23482
25179
26083
26084
BASIN F
BASIN C



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 03005 Alluvial Detection And Well Number
- ▲ 02019 Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

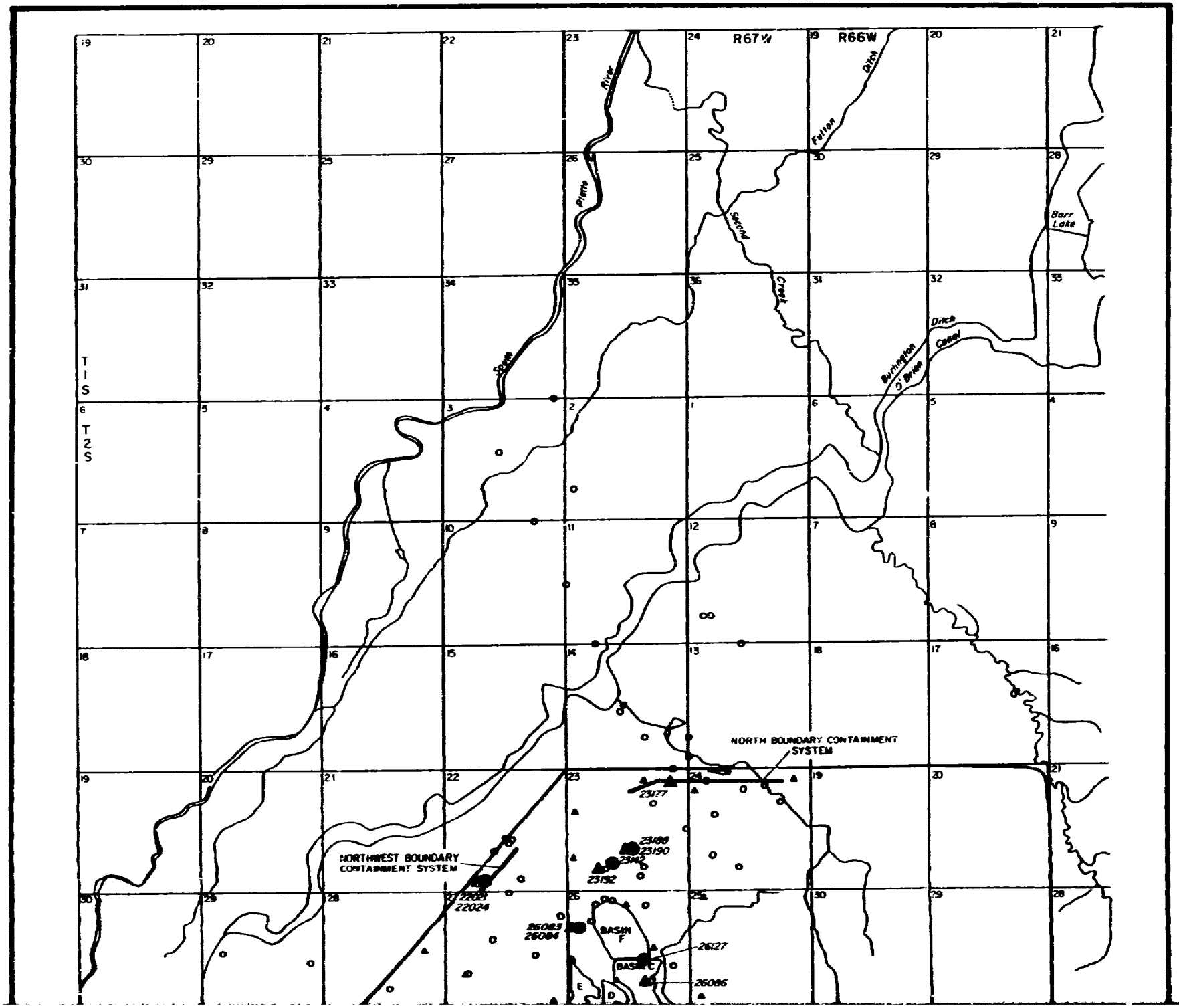
Figure D-182

TASK 4/44 GC/MS ANALYSIS NETWORK, N-NONADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Fulton Ditch
Barr Lake
Burlington Ditch
Brighton Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
23177
23188
23190
23192
23142
22023
22024
26083
26084
BASIN F
BASIN C
26127
26086
E
D

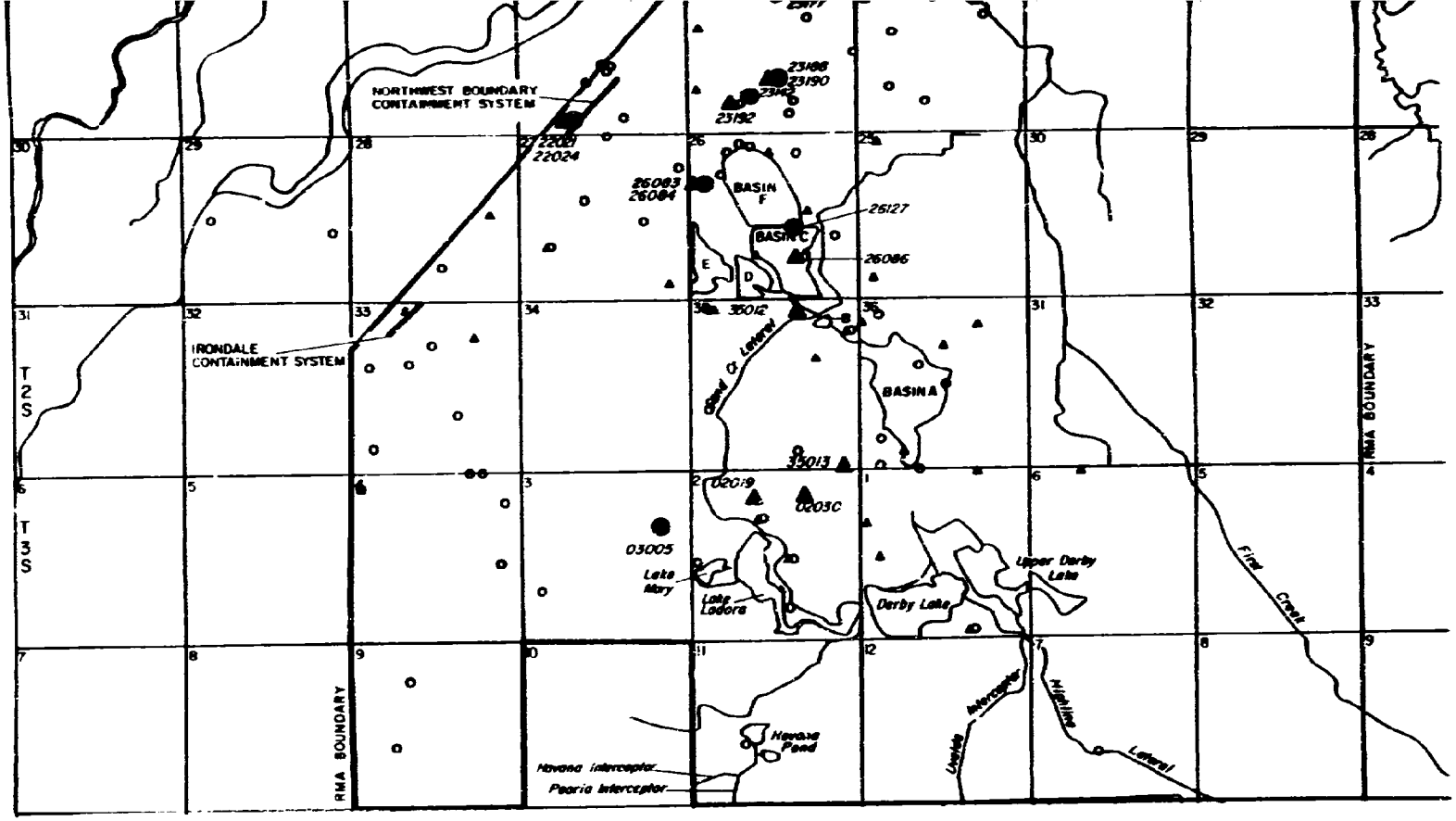


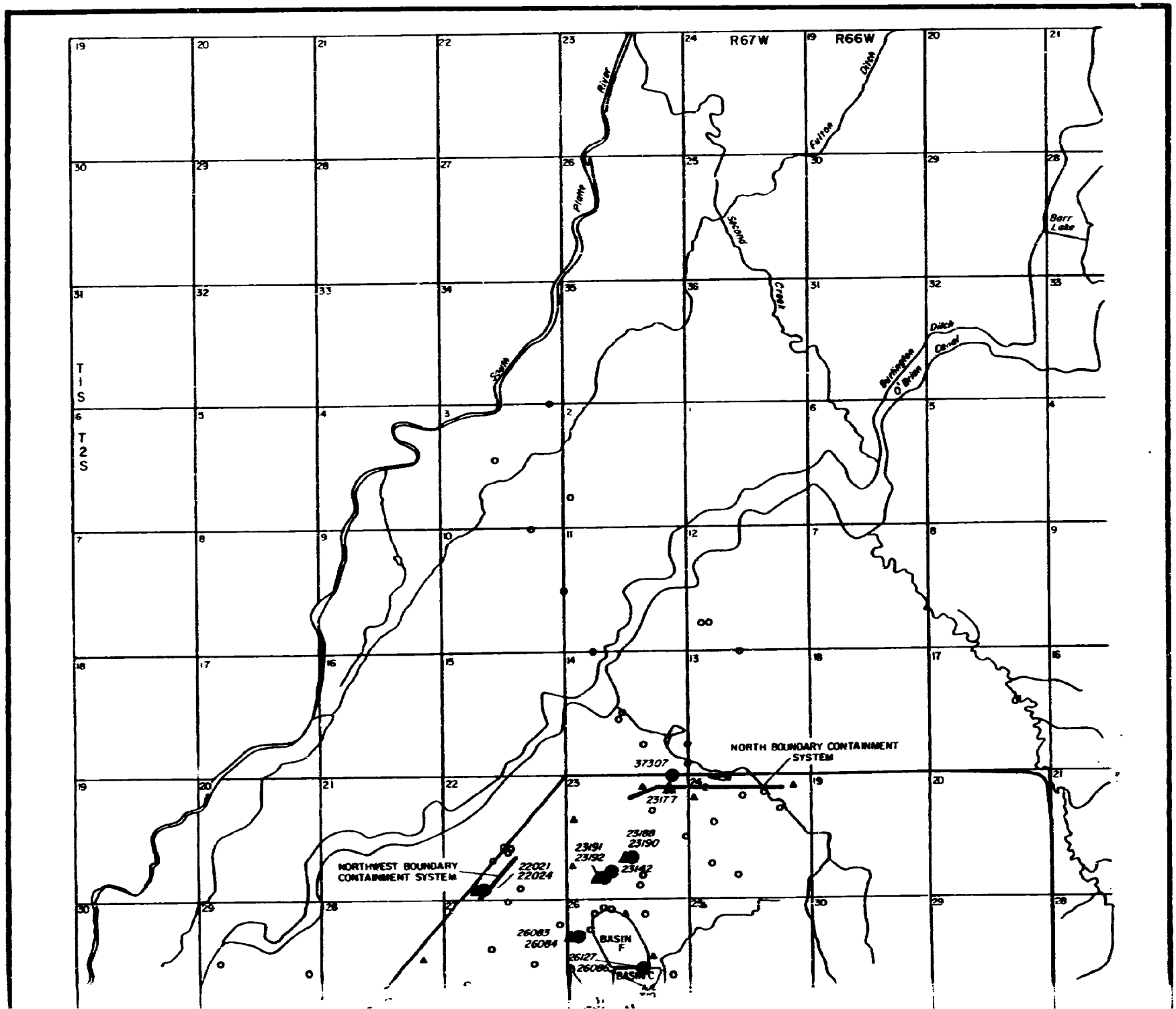
Figure D-183

TASK 4/44 GC/MS ANALYSIS NETWORK, N-PENTADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Second Creek
Barr Lake
Burlington Ditch
O'Brian Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
37307
23177
23188
23190
23191
23192
23182
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
22021
22024
26083
26084
BASIN F
26127
26096
BASIN C

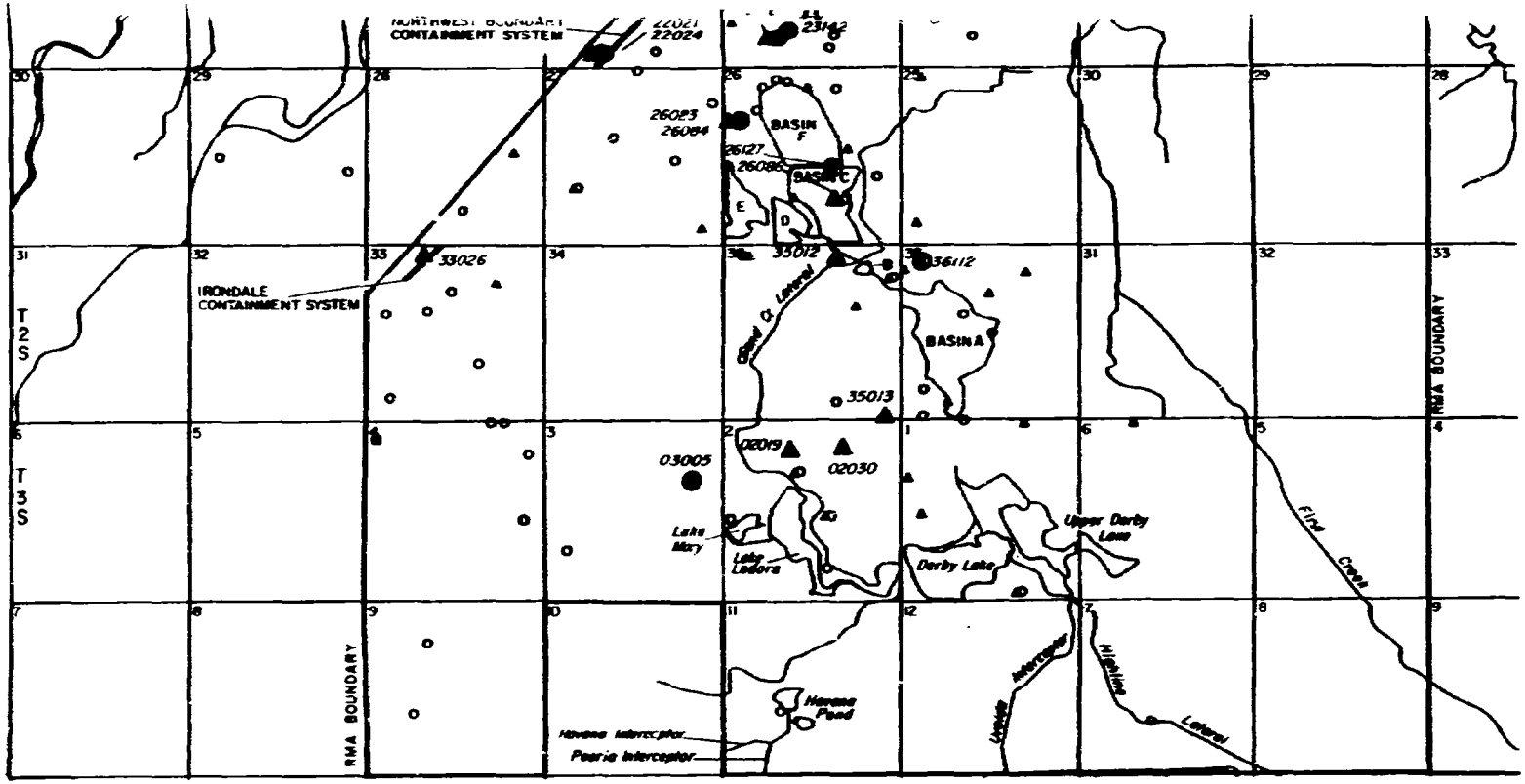


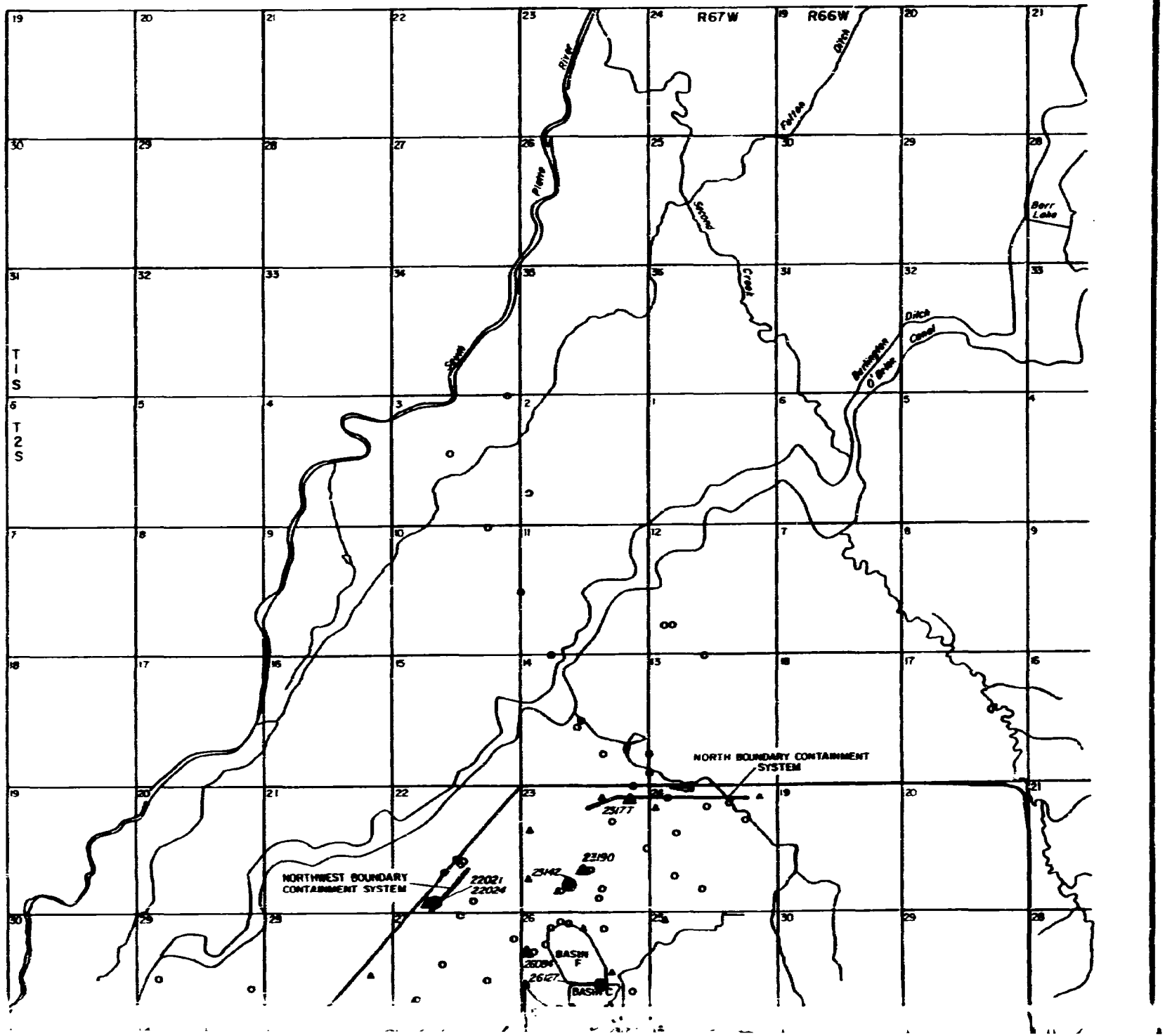
Figure D-184

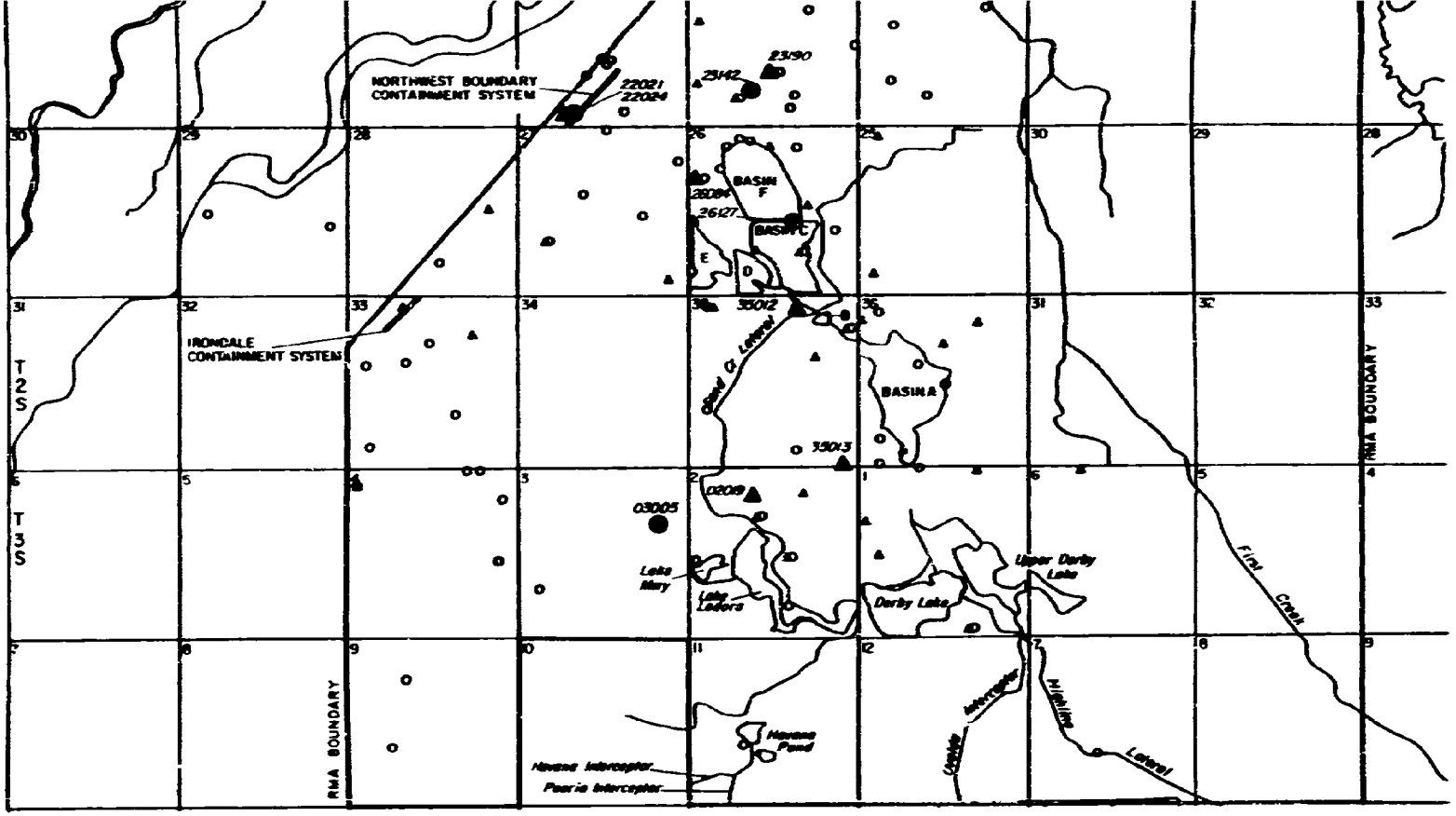
TASK 4/44 GC/MS ANALYSIS NETWORK, OCTADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
25177
23190
23142
22021
22024
26084
26127
BASIN F
BASIN C
Burlington Ditch
O'Brien Canal
Second Creek
Bear Lake



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 03005 Alluvial Detection And Well Number
- ▲ 02019 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

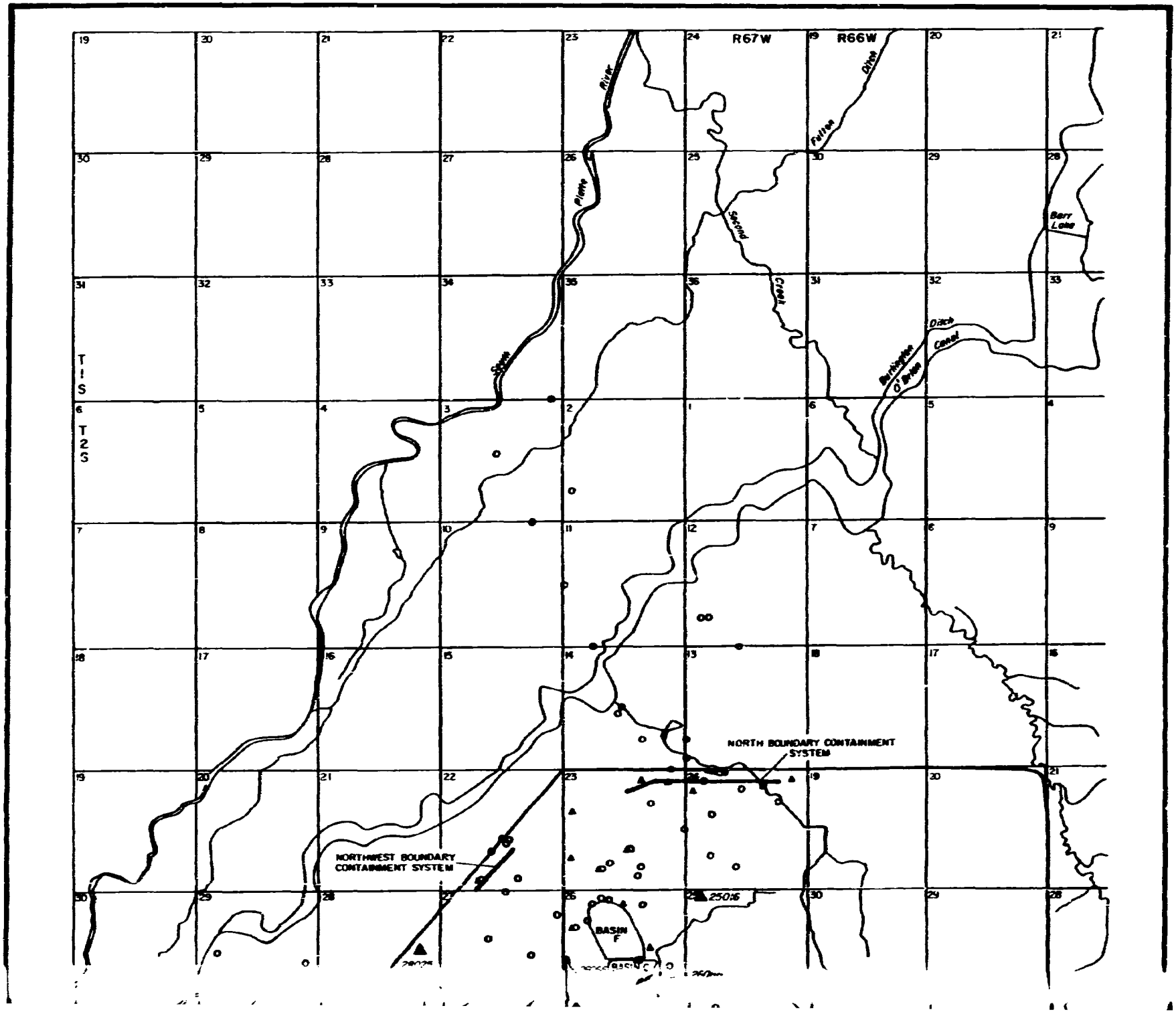
Figure D-185

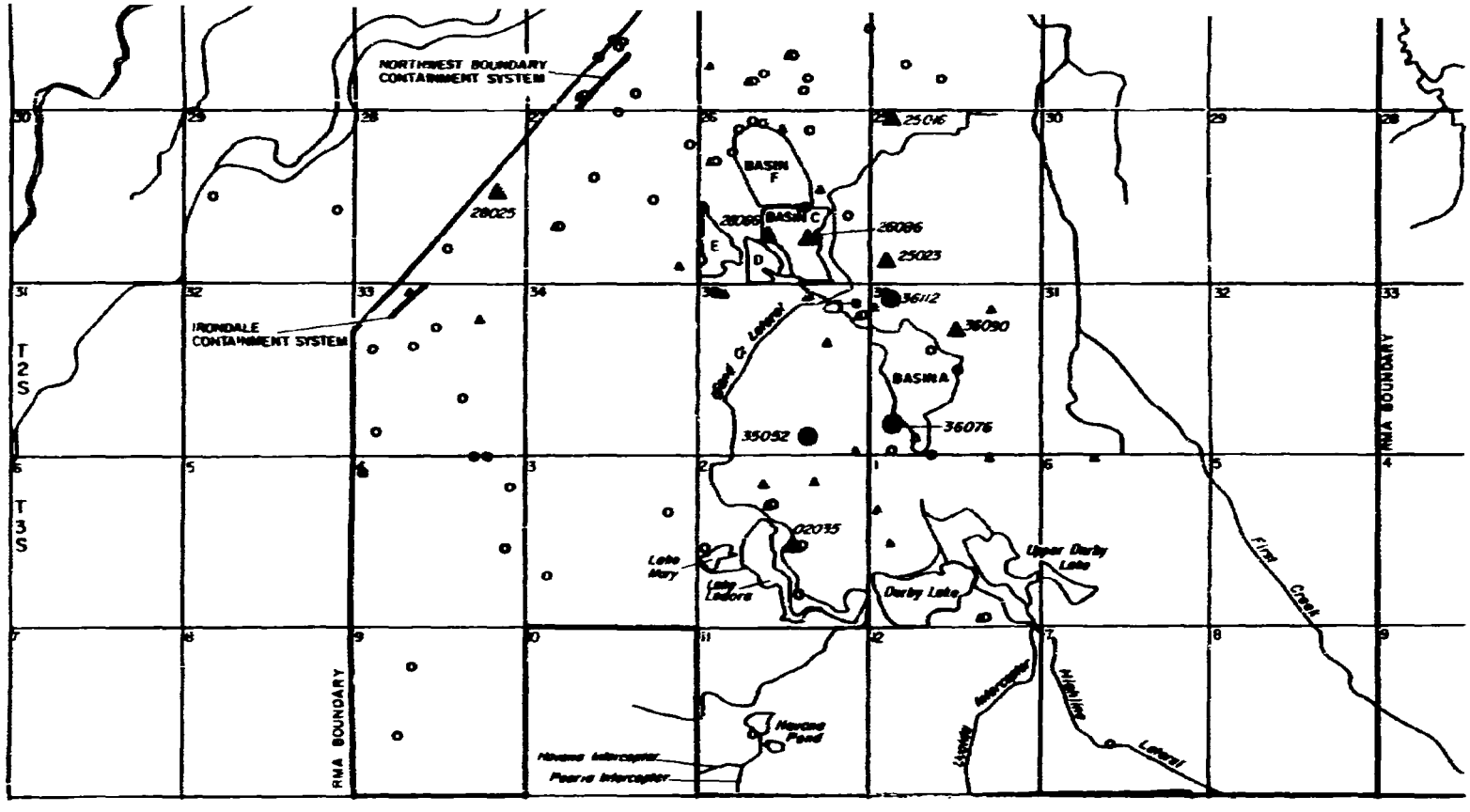
TASK 4/44 GC/MS ANALYSIS NETWORK, TETRADECANE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Barr Lake
Burlington Ditch
O'Brian Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN F



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 35052 Alluvial Detection And Well Number
- ▲ 02035 Denver Formation Detection And Well Number

N

0 2500 5000

Scale in Feet

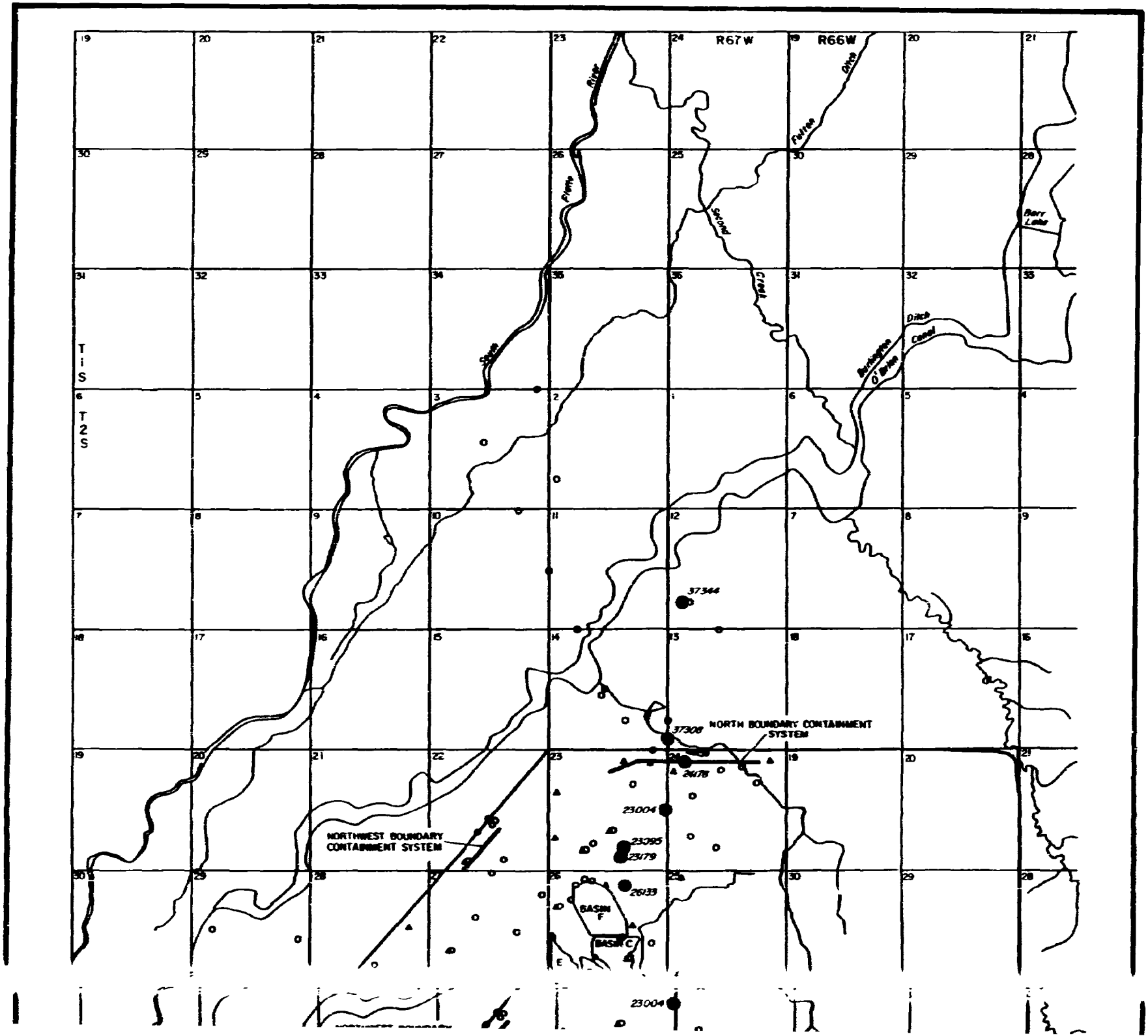
Figure D-186

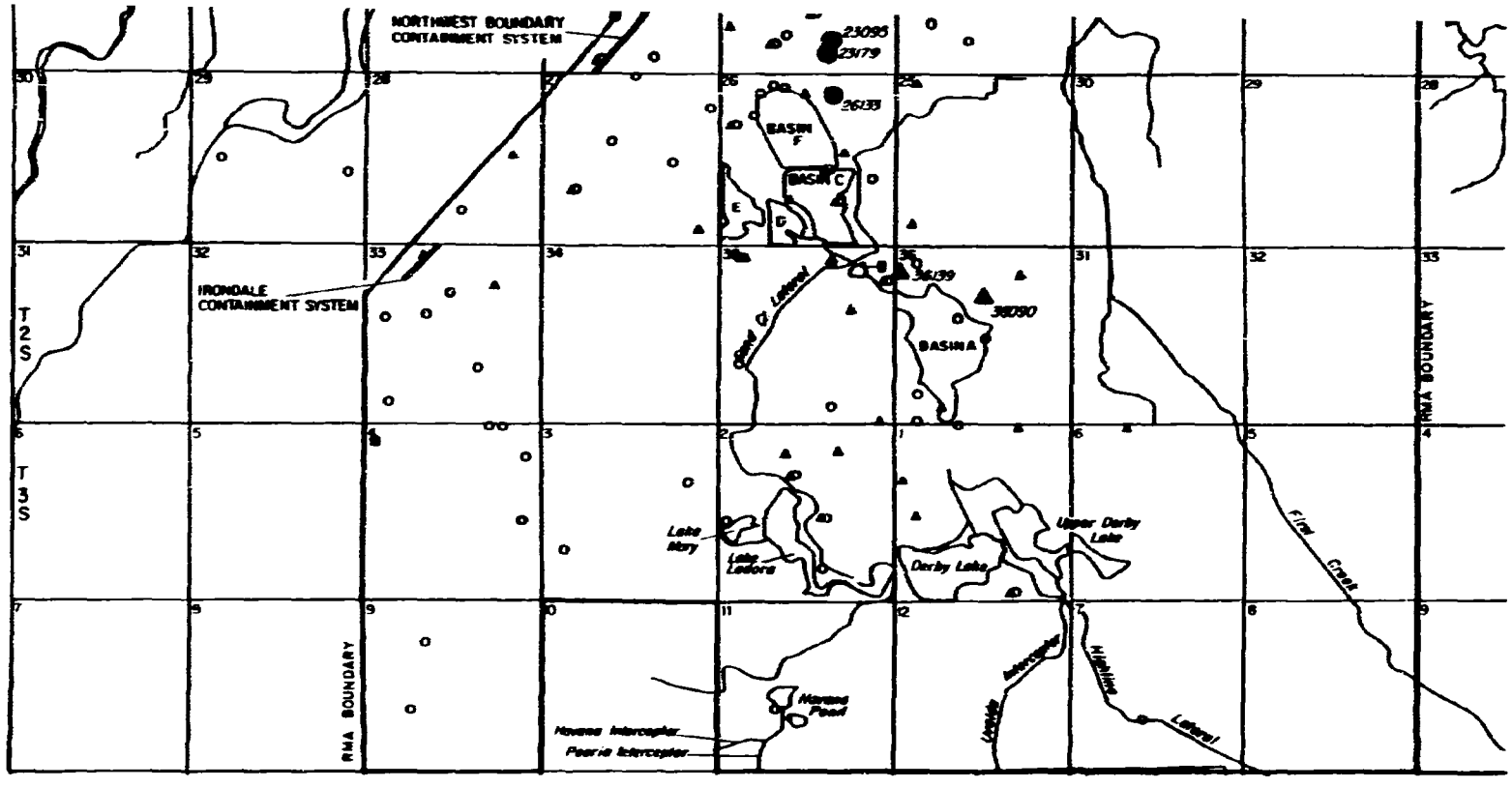
TASK 4/44 GC/MS ANALYSIS NETWORK, OCTADECANOIC ACID DETECTIONS

SOURCE: [illegible]ter/ESE, 1986

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Second Creek
Barr Lake
Burlington Ditch
O'Brian Canal
37344
37308
NORTH BOUNDARY CONTAINMENT SYSTEM
24178
23004
23095
23179
26133
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN F
BASIN C
23004



EXPLANATION

- ○ Alluvial Well
- △ Denver Formation Well
- ● 26133 Alluvial Detection And Well Number
- ▲ 36090 Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

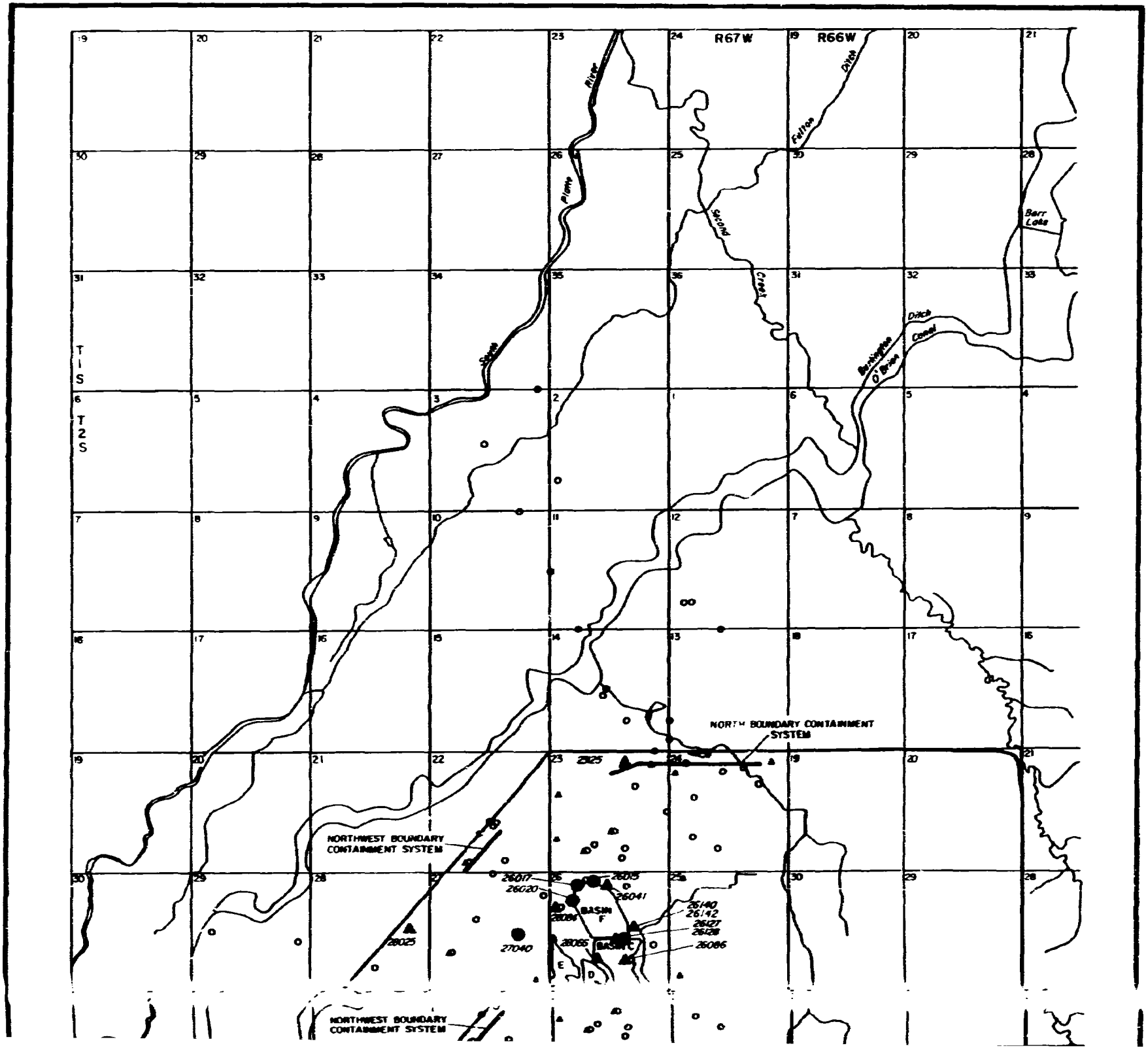
Figure D-187

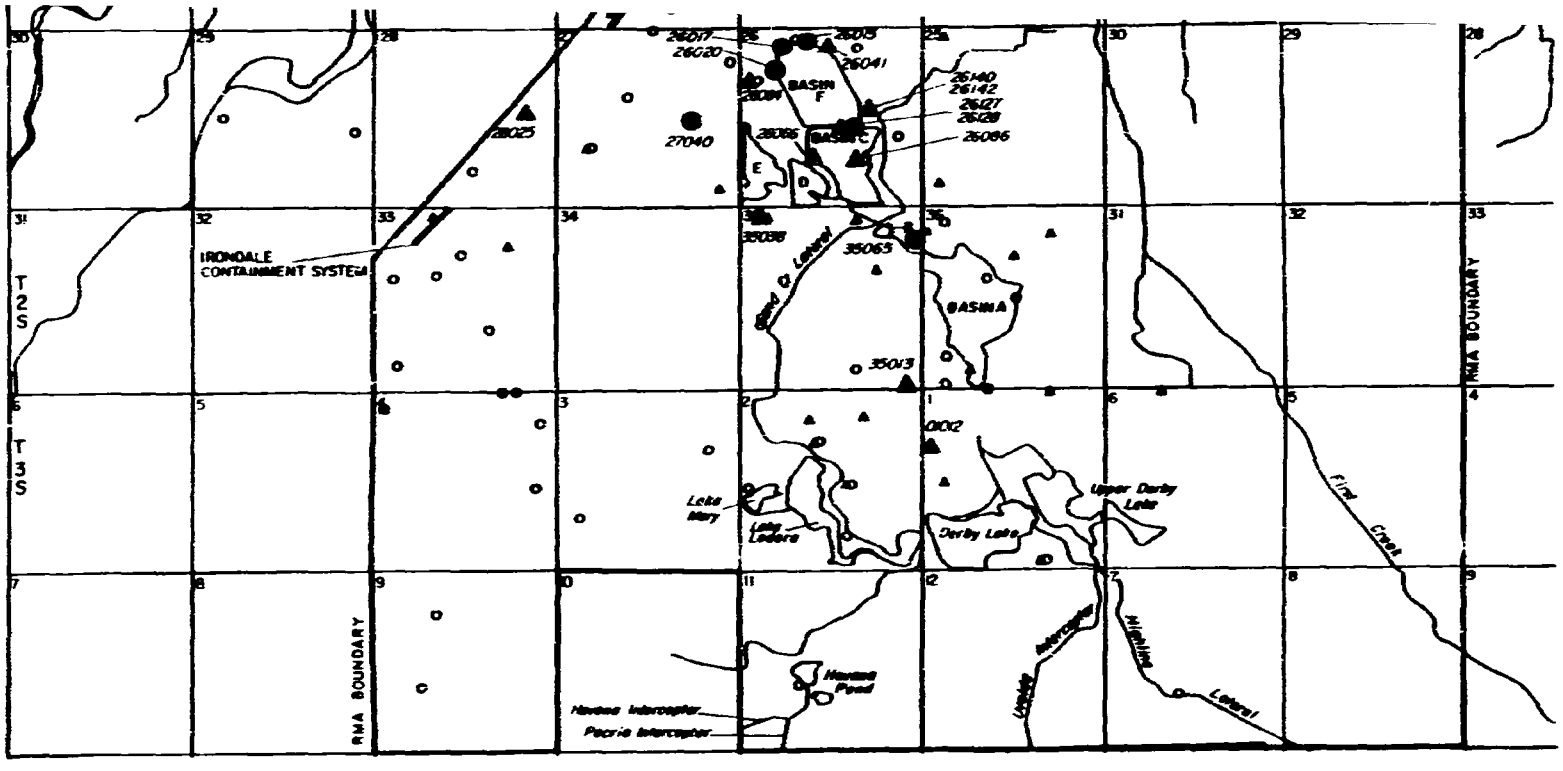
TASK 4/44 GC/MS ANALYSIS NETWORK, TETRACHLOROETHENE DETECTIONS

SOURCE: Hunter/ESE, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland


R67W
R66W
T1S
T2S
Platte River
Second Creek
Fulton Ditch
Barr Lake
Burlington Ditch
O'Brien Canal
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
BASIN F
BASIN C
26017
26020
26015
26041
26084
26140
26142
26127
26128
26086
26055
28025
27040
NORTHWEST BOUNDARY CONTAINMENT SYSTEM



EXPLANATION

- o — Alluvial Well
- △ — Denver Formation Well
- 35065 — Alluvial Detection And Well Number
- 35013 — Denver Formation Detection And Well Number

N

0 2500 5000

Scale In Feet

Figure D-188

TASK 4/44 GC/MS ANALYSIS NETWORK, TETRAHYDROFURAN DETECTIONS

SOURCE: Hunter/ESE

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

APPENDIX D.7: GC/MS DATA

GC/MS DETECTIONS, MOST FREQUENTLY DETECTED NONTARGET COMPOUNDS

3RD QUARTER FY 1986 TASK 4 GC/MS CONFIRMATION DATA

FIELD GROUP NUMBERS TC44, T4BWC, AND OPW2C ARE GC/MS RESULTS

SAMPLE LIST T4C

STORET CODE:				98551	34386	39330	39430	39320	39380	39390	39380	81588	98564	98563	98562	81512	98561
METHOD CODE:				B88	S8	S8	S8	S8	S8	S8	S8	U8	U8	U8	U8	U8	U8
PARAMETER:				DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	CMDS	1,4-DXAT	1,4-DITH	CPMS	BT7	CPMSO
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME													
T4CC	3	01020	06/25/86	10:30	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	25.4	<14.0		<17.0
T4CM	3	01020	06/25/86	10:30	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	4.96	33.5	<1.30		<4.20
T4BM	9	11002	05/29/86	08:45	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4BMC	2	11002	05/29/86	08:45	*<5.7	*<11.0	*<4.70	*<5.90	*<4.70	*<4.70	*<7.60	*<10.0	<3.00	*<6.10	*<11.0	*<14.0		*<17.0
T4CC	4	02019	06/24/86	09:06	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	15	02019	06/24/86	09:06	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	5	02030	06/27/86	14:01	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	17	02030	06/27/86	14:01	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	6	02035	06/25/86	09:02	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	20	02035	06/25/86	09:02	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	7	02037	06/23/86	11:26	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	22	02037	06/23/86	11:26	<11	<0.070	<0.070	<0.060	<0.053	0.437	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	8	02038	06/23/86	15:55	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	23	02038	06/23/86	15:55	<11	<0.070	<0.070	<0.060	<0.053	0.229	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	9	02039	06/24/86	10:05	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	24	02039	06/24/86	10:05	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	11	22021	06/12/86	09:37	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		.9
T4CM	26	22021	06/12/86	09:37	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		.20
T4CC	12	22024	06/12/86	07:28	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	27	22024	06/12/86	07:28	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	13	23142	06/26/86	08:47	650	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	20.2	<14.0		<17.0
T4CM	34	23142	06/26/86	08:47	96	<0.350	<0.350	<0.300	<0.265	<0.300	<0.260	<0.350	<1.00	3.64	17.8	<1.30		<4.20
T4CC	15	23177	06/12/86	15:00	24	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	36	23177	06/12/86	15:00	33	<0.070	0.107	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	16	23179	06/12/86	09:42	510	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	3.56	9.36	43.7	34.7		<17.0
T4CM	37	23179	06/12/86	09:42	590	1.92	<0.700	<0.060	<0.530	<0.060	<0.520	<0.700	<1.00	15.8	78.5	66.3		29.1
T4CC	17	23185	06/19/86	10:03	3000	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	41	23185	06/19/86	10:03	4800	<0.070	0.455	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	2.35	2.85	2.32		<4.20
T4CC	18	23188	06/19/86	11:46	670	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	45.1	<14.0		<17.0
T4CM	44	23188	06/19/86	11:46	1100	<0.070	0.192	<0.060	<0.053	0.083	0.110	0.095	<1.00	3.71	31.2	<1.30		<4.20
T4CC	19	23190	06/19/86	12:41	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	45	23190	06/19/86	12:41	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4BM	16	24150	05/29/86	09:00	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.29
T4BMC	3	24150	05/29/86	09:00	*<5.7	*<11.0	*<4.70	*<5.90	*<4.70	*<4.70	*<7.60	*<10.0	<3.00	*<6.10	*<11.0	*<14.0		*<17.0
T4CC	20	24178	06/19/86	14:22	210	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		67.8
T4CM	50	24178	06/19/86	14:22	290	<0.140	<0.140	<0.120	<0.106	0.865	0.739	<0.140	<1.00	<2.00	<1.10	20.6		122
T4CC	21	25023	06/25/86	08:36	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	59	25023	06/25/86	08:36	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	23	26041	06/27/86	10:20	2300	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	183	<6.10	64.9	<14.0		<17.0
T4CM	65	26041	06/27/86	10:20	3100	<0.700	6.53	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	<2.00	56.1	<1.30		<4.20
T4CC	22	26066	06/25/86	09:25	70	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	39.1	260	<14.0		<17.0
T4CM	64	26066	06/25/86	09:25	80	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	32.8	342	1.39		<4.20
T4CC	24	26073	06/26/86	09:52	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	66	26073	06/26/86	09:52	<11	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	25	26083	06/23/86	14:52	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	68	26083	06/23/86	14:52	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	26	26084	06/23/86	13:57	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	69	26084	06/23/86	13:57	<11	<0.070	<0.070	<0.060	<0.053	0.204	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	27	26085	06/26/86	14:20	92	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	70	26085	06/26/86	14:20	110	<0.700	1.85	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	<2.00	<1.10	<1.30		<4.20

SAMPLE LIST T4C

STORET CODE:				81596	34030	34010	34371	98553	98554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:				R6	W8	W8	W8	W8	W8	Y8	Y8	Y8	Y8	Y8	Y8	Y8	Y8
PARAMETER:				RISK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	O&P-XYL	METHYLCL	11DCE	11DCLE	TIZDCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T4CC	3	01020	06/25/86 10:30	<2.00	<10.0	<1.00	<1.00	<1.00	<2.00	11.4		16.6	4.19	1170	1.53	2.71	<2.00
T4CM	3	01020	06/25/86 10:30	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	6.16	2.75	<24.0	<12.0	>200	<6.10	<17.0	<24.0
T4BM	9	11002	05/29/86 08:45	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4BMC	2	11002	05/29/86 08:45	<2.00	1.96	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CC	4	02019	06/24/86 09:06	5.71	16.5	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	15	02019	06/24/86 09:06	<12.9	37.2	4.52	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	5	02030	06/27/86 14:01	<2.00	<1.00	1.49	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	168	<1.00	<1.00	8.84
T4CM	17	02030	06/27/86 14:01	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	115	<0.610	<1.70	9.53
T4CC	6	02035	06/25/86 09:02	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	14.9		7.52	<2.00	283	<1.00	<1.00	7.84
T4CM	20	02035	06/25/86 09:02	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	8.38	<1.20	195	<0.610	<1.70	7.54
T4CC	7	02037	06/23/86 11:26	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	5.58	<1.00	<1.00	<2.00
T4CM	22	02037	06/23/86 11:26	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	2.79	<0.610	<1.70	<2.40
T4CC	8	02038	06/23/86 15:55	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	9.18	<1.00	<1.00	<2.00
T4CM	23	02038	06/23/86 15:55	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	7.44	<0.610	<1.70	<2.40
T4CC	9	02039	06/24/86 10:05	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	24	02039	06/24/86 10:05	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	11	22021	06/12/86 09:37	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	17.5	<1.00	<1.00	<2.00
T4CM	26	22021	06/12/86 09:37	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	11.6	<0.610	<1.70	<2.40
T4CC	12	22024	06/12/86 07:28	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	27	22024	06/12/86 07:28	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	13	23142	06/26/86 08:47	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	34	23142	06/26/86 08:47	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	15	23177	06/12/86 15:00	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	1.99	<1.00	<1.00	<2.00
T4CM	36	23177	06/12/86 15:00	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	16	23179	06/12/86 09:42	<2.00	48.2	<1.00	<1.00	<1.00	3.24	104		3.40	<2.00	32000	115	<1.00	<2.00
T4CM	37	23179	06/12/86 09:42	<12.9	38.7	2.71	3.59	<1.35	3.52	125	<1.10	3.70	<1.20	22500	<0.610	<1.70	<2.40
T4CC	17	23185	06/19/86 10:03	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	41	23185	06/19/86 10:03	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	18	23188	06/19/86 11:46	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	1.53	<1.00	<2.00
T4CM	44	23188	06/19/86 11:46	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	1.59	<1.76	<2.40
T4CC	19	23190	06/19/86 12:41	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	45	23190	06/19/86 12:41	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4BM	16	24150	05/29/86 09:00	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4BMC	3	24150	05/29/86 09:00	<2.00	3.70	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CC	20	24178	06/19/86 14:22	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	1120	1.79	<1.00	4.53
T4CM	50	24178	06/19/86 14:22	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	504	<0.610	<1.70	4.22
T4CC	21	25023	06/25/86 08:36	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	59	25023	06/25/86 08:36	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	23	26041	06/27/86 10:28	32.7	58.1	953	<1.00	<1.00	<2.00	<5.00		<2.00	2.19	<1.00	140	<1.00	<2.00
T4CM	65	26041	06/27/86 10:28	<12.9	50.6	1070	<1.28	1.71	19.2	<5.00	<1.10	<1.20	<1.20	<1.40	2.25	<1.70	<2.40
T4CC	22	26066	06/25/86 09:25	<2.00	2.10	<1.00	<1.00	<1.00	<2.00	10.2		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	64	26066	06/25/86 09:25	<12.9	2.17	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	24	26073	06/26/86 09:52	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	15.1	<1.00	<1.00	5.10
T4CM	66	26073	06/26/86 09:52	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	12.0	<0.610	<1.70	5.75
T4CC	25	26083	06/23/86 14:52	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	68	26083	06/23/86 14:52	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	26	26084	06/23/86 13:57	<2.00	16.4	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	69	26084	06/23/86 13:57	<12.9	6.81	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	27	26085	06/26/86 14:20	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	27.0	<1.00	<1.00	<2.00
T4CM	70	26085	06/26/86 14:20	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	21.1	<0.610	<1.70	<2.40

SAMPLE LIST T4C

STORET CODE:					34511	34475	34301
METHOD CODE:					Y8	Y8	Y8
PARAMETER:					112TCE	TCLEE	CLC6H5
UNITS:					UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME			
T4CC	3	01020	06/25/86	10:30	<1.00	8.03	50.3
T4CM	3	01020	06/25/86	10:30	<100	4.67	12.7
T4BM	9	11002	05/29/86	08:45	<1.00	<1.30	<0.500
T4BMC	2	11002	05/29/86	08:45	<1.00	<1.00	<2.00
T4CC	4	02019	06/24/86	09:06	<1.00	<1.00	<2.00
T4CM	15	02019	06/24/86	09:06	<1.00	<1.30	<0.500
T4CC	5	02030	06/27/86	14:01	<1.00	<1.00	<2.00
T4CM	17	02030	06/27/86	14:01	<1.00	<1.30	<0.500
T4CC	6	02035	06/25/86	09:02	<1.00	2.63	<2.00
T4CM	20	02035	06/25/86	09:02	<1.00	<1.30	0.64
T4CC	7	02037	06/23/86	11:26	<1.00	<1.00	<2.00
T4CM	22	02037	06/23/86	11:26	<1.00	<1.30	<0.500
T4CC	8	02038	06/23/86	15:55	<1.00	<1.00	<2.00
T4CM	23	02038	06/23/86	15:55	<1.00	<1.30	<0.500
T4CC	9	02039	06/24/86	10:05	<1.00	<1.00	<2.00
T4CM	24	02039	06/24/86	10:05	<1.00	<1.30	<0.500
T4CC	11	22021	06/12/86	09:37	<1.00	<1.00	<2.00
T4CM	26	22021	06/12/86	09:37	<1.00	<1.30	<0.500
T4CC	12	22024	06/12/86	07:28	<1.00	<1.00	<2.00
T4CM	27	22024	06/12/86	07:28	<1.00	<1.30	<0.500
T4CC	13	23142	06/26/86	08:47	<1.00	<1.00	<2.00
T4CM	34	23142	06/26/86	08:47	<5.00	<1.30	<0.500
T4CC	15	23177	06/12/86	15:00	<1.00	<1.00	<2.00
T4CM	36	23177	06/12/86	15:00	<1.00	<1.30	<0.500
T4CC	16	23179	06/12/86	09:42	<1.00	75.2	<2.00
T4CM	37	23179	06/12/86	09:42	<1.00	75.5	<0.500
T4CC	17	23185	06/19/86	10:03	<1.00	<1.00	<2.00
T4CM	41	23185	06/19/86	10:03	<1.00	<1.30	<0.500
T4CC	18	23188	06/19/86	11:46	<1.00	<1.00	<2.00
T4CM	44	23188	06/19/86	11:46	<1.00	<1.30	<0.500
T4CC	19	23190	06/19/86	12:41	<1.00	<1.00	<2.00
T4CM	45	23190	06/19/86	12:41	<1.00	<1.30	<0.500
T4BM	16	24150	05/29/86	09:00	<1.00	<1.30	<0.500
T4BMC	3	24150	05/29/86	09:00	<1.00	<1.00	<2.00
T4CC	20	24178	06/19/86	14:22	<1.00	57.4	<2.00
T4CM	50	24178	06/19/86	14:22	<1.00	49.2	<0.500
T4CC	21	25023	06/25/86	08:36	<1.00	<1.00	<2.00
T4CM	59	25023	06/25/86	08:36	<1.00	<1.30	<0.500
T4CC	23	26041	06/27/86	10:28	<1.00	<1.00	2.16
T4CM	65	26041	06/27/86	10:28	<1.00	<1.30	2.77
T4CC	22	26066	06/25/86	09:25	<1.00	4.27	9.67
T4CM	64	26066	06/25/86	09:25	<1.00	3.96	7.60
T4CC	24	26073	06/26/86	09:52	<1.00	<1.00	<2.00
T4CM	66	26073	06/26/86	09:52	<1.00	<1.30	<0.500
T4CC	25	26083	06/23/86	14:52	<1.00	<1.00	<2.00
T4CM	68	26083	06/23/86	14:52	<1.00	<1.30	<0.500
T4CC	26	26084	06/23/86	13:57	<1.00	<1.00	<2.00
T4CM	69	26084	06/23/86	13:57	<1.00	<1.30	<0.500
T4CC	27	26085	06/26/86	14:20	<1.00	<1.00	<2.00
T4CM	70	26085	06/26/86	14:20	<1.00	<1.30	<0.500

SAMPLE LIST T4C

:TORET CODE:					99133	99133	99133	77985	77985	77985
METHOD CODE:					00	BBB	R8	R8	BBB	R8
'ARAMETER:					DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
NITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
LD.GRP.	#	SAMPLE ID	DATE	TIME						
T4CC	3	01020	06/25/86	10:30		27	16		<4.7	<2.0
T4CM	3	01020	06/25/86	10:30	16.1			<9.31		
T4BM	9	11002	05/29/86	08:45	<0.130			<9.31		
T4BMC	2	11002	05/29/86	08:45		*<15	<4.0		*<4.7	<2.0
T4CC	4	02019	06/24/86	09:06		<15	<4.0		<4.7	<2.0
T4CM	15	02019	06/24/86	09:06	<0.130			<9.31		
T4CC	5	02030	06/27/86	14:01		<15	<4.0		<4.7	<2.0
T4CM	17	02030	06/27/86	14:01	<0.130			<9.31		
T4CC	6	02035	06/25/86	09:02		<15	<4.0		<4.7	<2.0
T4CM	20	02035	06/25/86	09:02	<0.130			<9.31		
T4CC	7	02037	06/23/86	11:26		<15	<4.0		<4.7	<2.0
T4CM	22	02037	06/23/86	11:26	<0.130			<9.31		
T4CC	8	02038	06/23/86	15:55		<15	<4.0		<4.7	<2.0
T4CM	23	02038	06/23/86	15:55	<0.130			<9.31		
T4CC	9	02039	06/24/86	10:05		<15	<4.0		<4.7	<2.0
T4CM	24	02039	06/24/86	10:05	<0.130			<9.31		
T4CC	11	22021	06/12/86	09:37		<15	<4.0		<4.7	<2.0
T4CM	26	22021	06/12/86	09:37	<0.130			<9.31		
T4CC	12	22024	06/12/86	07:28		<15	<4.0		<4.7	<2.0
T4CM	27	22024	06/12/86	07:28	<0.130			<9.31		
T4CC	13	23142	06/26/86	08:47		<15	<4.0		<4.7	<2.0
T4CM	34	23142	06/26/86	08:47	<0.130			<9.31		
T4CC	15	23177	06/12/86	15:00		<15	<4.0		<4.7	<2.0
T4CM	36	23177	06/12/86	15:00	<0.130			<9.31		
T4CC	16	23179	06/12/86	09:42		<15	<4.0		810	530
T4CM	37	23179	06/12/86	09:42	0.953			736		
T4CC	17	23185	06/19/86	10:03		<15	<4.0		<4.7	<2.0
T4CM	41	23185	06/19/86	10:03	<0.130			<9.31		
T4CC	18	23188	06/19/86	11:46		<15	<4.0		42	15
T4CM	44	23188	06/19/86	11:46	<0.130			16.8		
T4CC	19	23190	06/19/86	12:41		<15	<4.0		<4.7	<2.0
T4CM	45	23190	06/19/86	12:41	<0.130			<9.31		
T4BM	16	24150	05/29/86	09:00	<0.130			<9.31		
T4BMC	3	24150	05/29/86	09:00		*<15	<4.0		*<4.7	<2.0
T4CC	20	24178	06/19/86	14:22		<15	9.5		24	35
T4CM	50	24178	06/19/86	14:22	7.25			34.2		
T4CC	21	25023	06/25/86	08:36		<15	<4.0		<4.7	<2.0
T4CM	59	25023	06/25/86	08:36	<0.130			<9.31		
T4CC	23	26041	06/27/86	10:28		<15	<4.0		89	83
T4CM	65	26041	06/27/86	10:28	<0.130			40.5		
T4CC	22	26065	06/25/86	09:25		<15	<4.0		<4.7	<2.0
T4CM	64	26066	06/25/86	09:25	<0.130			<9.31		
T4CC	24	26073	06/26/86	09:52		<15	<4.0		<4.7	<2.0
T4CM	66	26073	06/26/86	09:52	<0.130			<9.31		
T4CC	25	26083	06/23/86	14:52		<15	<4.0		<4.7	<2.0
T4CM	68	26083	06/23/86	14:52	<0.130			<9.31		
T4CC	26	26084	06/23/86	13:57		<15	<4.0		<4.7	<2.0
T4CM	69	26084	06/23/86	13:57	<0.130			<9.31		
T4CC	27	26085	06/26/86	14:20		<15	<4.0		<4.7	<2.0
T4CM	70	26085	06/26/86	14:20	0.239			<9.31		

SAMPLE LIST 1...

:ORET CODE:					98551	34306	39330	39430	39320	39380	39390	39300	81580	98564	98563	98562	81512	98561
:THOD CODE:					884	SB	SB	SB	SB	SB	SB	SB	UB	UB	UB	UB	UB	UB
ARAMETER:					DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	DMDS	1,4-DXAT	1,4-DITH	CPMS	BTZ	CPMSO
ITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
.D.GRP.	#	SAMPLE ID	DATE	TIME														
T4CC	20	26086	06/24/86	13:55	170	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	71	26086	06/24/86	13:55	210	<0.070	<0.070	<0.060	<0.053	0.620	0.142	<0.070	<1.00	<2.00	13.6	<1.30		<4.20
T4CC	29	26127	06/26/86	12:58	1900	<11.0	5.20	<5.90	<4.70	12.7	<7.60	<10.0	<3.00	<6.10	74.8	<14.0		<17.0
T4CM	72	26127	06/26/86	12:58	1900	<0.070	0.667	<0.300	<0.053	1.49	0.391	<0.070	<1.00	5.35	59.6	<1.30		<4.20
T4CC	30	26128	06/24/86	13:34	1000	<11.0	5.64	<5.90	<4.70	56.9	7.64	<10.0	<3.00	<6.10	42.3	<14.0		<17.0
T4CM	73	26128	06/24/86	13:34	1700	<0.700	1.00	<0.600	<0.530	6.41	1.34	<0.700	<1.00	7.02	72.4	2.62		<4.20
T4CC	31	26133	06/27/86	09:06	690	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<300	26.5	69.1	527		<17.0
T4CM	74	26133	06/27/86	09:06	950	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	15.4	59.7	612		14.6
T4CC	32	26148	06/24/86	08:52	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	75	26148	06/24/86	08:52	<11	<0.070	<0.070	<0.060	<0.053	0.537	0.193	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	33	27048	06/19/86	09:15	36	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	88	27048	06/19/86	09:15	44	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	34	27062	06/12/86	10:52	27	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	87	27062	06/12/86	10:52	29	<0.070	<0.070	<0.060	<0.053	0.119	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	35	28025	06/19/86	14:35	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	89	28025	06/19/86	14:35	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4MC	6	28027	06/04/86	07:44	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MM	35	28027	06/04/86	07:44		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4CC	18	03005	06/11/86	11:50	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	25	03005	06/11/86	11:50	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4MC	7	33060	06/04/86	08:56	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MM	26	33060	06/04/86	08:56		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4CC	36	35012	06/11/86	16:18	3500	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	28.7	192	<14.0		<17.0
T4CM	94	35012	06/11/86	16:18	10000	<0.070	0.988	<0.060	<0.053	0.220	<0.052	<0.070	<1.00	37.4	345	<1.30		<4.20
T4CC	37	35013	06/12/86	14:21	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	95	35013	06/12/86	14:21	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	38	35052	06/25/86	12:01	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	100	35052	06/25/86	12:01	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	39	35065	06/30/86	09:48	2500	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<30.0	23.7	134	<14.0		<17.0
T4CM	106	35065	06/30/86	09:48	1900	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	9.44	86.7	<1.30		10.2
T4MC	1	03523	06/04/86	13:47	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MM	1	03523	06/04/86	13:47		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4CC	40	36001	06/23/86	14:09	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	8.00	<10.0	129	<6.10	<11.0	69.5		<17.0
T4CM	109	36001	06/23/86	14:09	<11	<0.700	<0.700	<0.600	<0.530	0.659	5.66	<0.700	22.6	<2.00	<1.10	59.6		<4.20
T4CC	41	36076	06/25/86	14:24	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3000	27.9	28.2	<14.0		<17.0
T4CM	113	36076	06/25/86	14:24	<11	<1.40	<1.40	<1.20	<1.06	<1.20	<1.04	<1.40	<1.00	32.6	42.8	14.4		19.9
T4CC	42	36082	06/27/86	10:02	490	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<300	179	972	<14.0		<17.0
T4CM	114	36082	06/27/86	10:02	590	<0.700	4.87	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	133	679	4.51		<4.20
T4CC	43	36112	06/30/86	08:52	1000	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	76.8	458	<14.0		<17.0
T4CM	117	36112	06/30/86	08:52	1500	<0.070	<0.070	0.149	<0.053	<0.060	<0.052	<0.070	<1.00	73.3	541	2.59		<4.20
OPGM2	2	37307	06/18/86	11:41	41	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPGM2C	2	37307	06/18/86	11:41	35	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPGM2	3	37308	06/16/86	15:17	330	<0.070	<0.070	<0.060	<0.053	0.521	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		81.8
OPGM2C	3	37308	06/16/86	15:17	270	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		49.2
OPGM2	5	37312	06/17/86	11:13	22	<0.070	<0.070	<0.120	<0.053	1.42	1.11	<0.140	<1.00	<2.00	<1.10	<1.30		<4.20
OPGM2C	1	37312	06/17/86	11:13	14	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPGM2	12	37332	06/16/86	11:58	<11	<0.070	<0.070	<0.060	<0.053	0.363	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPGM2C	5	37332	06/16/86	11:58	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPGM2	21	37343	06/13/86	08:34	1100	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPGM2C	6	37343	06/13/86	08:39	36	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0

SAMPLE LIST T4C

STORET CODE:					81596	34030	34010	34371	90553	90554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:					M8	M8	M8	M8	M8	M8	T8	T8	T8	T8	T8	T8	T8	T8
PARAMETER:					MIBK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	OSP-XYL	METHYLCL	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T4CC	28	26086	06/24/86	13:55	<2.00	1.95	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	71	26086	06/24/86	13:55	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	29	26127	06/26/86	12:58	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	72	26127	06/26/86	12:58	<12.9	<1.34	2.47	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	30	26128	06/24/86	13:34	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	73	26128	06/24/86	13:34	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	31	26133	06/27/86	09:06	462	605	270	<100	<100	<200	1710		<200	<200	68000	<100	<100	<200
T4CM	74	26133	06/27/86	09:06	<258	645	356	7.77	8.49	53.7	648	<1.10	8.34	<1.20	19200	<0.610	<1.70	<2.40
T4CC	32	26140	06/24/86	08:52	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	36.8	<1.00	<1.00	<2.00
T4CM	75	26140	06/24/86	08:52	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	27.9	<0.610	<1.70	<2.40
T4CC	33	27040	06/19/86	09:15	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	3.77	<1.00	<1.00	<2.00
T4CM	88	27040	06/19/86	09:15	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1.81	2.74	<1.70	<2.40
T4CC	34	27062	06/12/86	10:52	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	33.9	<1.00	<1.00	<2.00
T4CM	87	27062	06/12/86	10:52	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	12.5	<0.610	<1.70	<2.40
T4CC	35	28025	06/19/86	14:35	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	89	28025	06/19/86	14:35	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4MC	6	28027	06/04/86	07:44	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	2.25	<2.00
T4MM	35	28027	06/04/86	07:44		1.48	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	1.95	<2.40
T4CC	18	63005	06/11/86	11:50	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	3.49	<1.00	<1.00	<2.00
T4CM	25	63005	06/11/86	11:50	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4MC	7	33060	06/04/86	08:56	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4MM	26	33060	06/04/86	08:56		1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	36	35012	06/11/86	16:18	<2.00	48.9	1.33	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	94	35012	06/11/86	16:18	<12.9	39.6	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC	37	35013	06/12/86	14:21	<2.00	1.78	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	14.6	<1.00	<1.00	64.1
T4CM	95	35013	06/12/86	14:21	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	5.18	<1.20	<1.20	11.3	<0.610	<1.70	56.0
T4CC	38	35052	06/25/86	12:01	<2.00	5.78	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	2.32	<1.00	<1.00	<2.00
T4CM	100	35052	06/25/86	12:01	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	1.62	<1.40	<0.610	<1.70	<2.40
T4CC	39	35065	06/30/86	09:48	<20.0	<10.0	<10.0	<10.0	<10.0	<20.0	<50.0		<20.0	<20.0	<10.0	<10.0	<10.0	<20.0
T4CM	106	35065	06/30/86	09:48	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	1.35	<1.20	1.40	<0.610	<1.70	<2.40
T4MC	1	03523	06/04/86	13:47	<2.00	3.88	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	12.4	<1.00	<1.00	<2.00
T4MM	1	03523	06/04/86	13:47		9.04	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	8.97	<0.610	<1.70	<2.40
T4CC	40	36001	06/23/86	14:09	5670	16700	401	572	588	728	125			108	5100	3.49		273
T4CM	109	36001	06/23/86	14:09	3740	27300	582	714	860	1858	RE	7.86	<1.20	<1.20	4780	<0.610	<1.70	282
T4CC	41	36076	06/25/86	14:24	<2000	<1000	<1000	<1000	<1000	<2000	38100		<2000	<2000	14900	<1000	<1000	<2000
T4CM	113	36076	06/25/86	14:24	24.0	490	9.12	1.8	<1.35	<2.47	3830	1.21	6.43	<1.20	6700	<0.610	<1.70	<2.40
T4CC	42	36082	06/27/86	10:02	<200	184	<100	20	<100	<200	<500		<200	<200	<100	<100	<100	<200
T4CM	114	36082	06/27/86	10:02	<12.9	4.05	<1.21	.28	2.11	<2.47	<5.00	<1.10	<1.20	<1.20	4.15	8.91	<1.70	<2.40
T4CC	43	36112	06/30/86	08:52	<2.00	2.65	<1.00	.80	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4CM	117	36112	06/30/86	08:52	<12.9	3.65	<1.21	1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	28.9	<0.610	<1.70	<2.40
OPGM2	2	37307	06/18/86	11:41	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPGM2C	2	37307	06/18/86	11:41	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPGM2	3	37308	06/16/86	15:17	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	2.00	2.02	<1.70	<2.40
OPGM2C	3	37308	06/16/86	15:17	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	7.12	3.20	<1.00	<2.00
OPGM2	5	37312	06/17/86	11:13	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPGM2C	1	37312	06/17/86	11:13	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	2.28	<1.00	<1.00	<2.00
OPGM2	12	37332	06/16/86	11:58	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	4.47	<0.610	<1.70	<2.40
OPGM2C	5	37332	06/16/86	11:58	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	6.04	<1.00	<1.00	<2.00
OPGM2	21	37343	06/13/86	08:34	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPGM2C	6	37343	06/13/86	08:39	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00

SAMPLE LIST T[illegible]

ORET CODE:					34511	34475	34301
THOD CODE:					Y8	Y8	Y8
RAMETER:					112TCE	TCLEE	CLC6H5
ITS:					UG/L	UG/L	UG/L
D.GRP.	#	SAMPLE ID	DATE	TIME			
T4CC	28	26006	06/24/06	13:55	<1.00	<1.00	<2.00
T4CM	71	26006	06/24/06	13:55	<1.00	<1.30	<0.500
T4CC	29	26127	06/26/06	12:58	<1.00	<1.00	2.37
T4CM	72	26127	06/26/06	12:58	<1.00	<1.30	<0.500
T4CC	30	26128	06/24/06	13:34	<1.00	<1.00	2.39
T4CM	73	26128	06/24/06	13:34	<1.00	<1.30	2.63
T4CC	31	26133	06/27/06	09:06	<100	495	<200
T4CM	74	26133	06/27/06	09:06	<1.00	510	5.25
T4CC	32	26140	06/24/06	08:52	<1.00	<1.00	<2.00
T4CM	75	26140	06/24/06	08:52	<1.00	<1.30	<0.500
T4CC	33	27040	06/19/06	09:15	<1.00	<1.00	<2.00
T4CM	80	27040	06/19/06	09:15	<1.00	<1.30	<0.500
T4CC	34	27062	06/12/06	10:52	<1.00	<1.00	<2.00
T4CM	87	27062	06/12/06	10:52	<1.00	<1.30	<0.500
T4CC	35	28025	06/19/06	14:35	<1.00	<1.00	<2.00
T4CM	89	28025	06/19/06	14:35	<5.00	<1.30	<0.500
T4MC	6	28027	06/04/06	07:44	<1.00	<1.00	<2.00
T4MM	35	28027	06/04/06	07:44	<1.00	<1.30	<0.500
T4CC	10	83005	06/11/06	11:50	<1.00	<1.00	<2.00
T4CM	25	83005	06/11/06	11:50	<1.00	<1.30	<0.500
T4MC	7	33060	06/04/06	08:56	<1.00	<1.00	<2.00
T4MM	26	33060	06/04/06	08:56	<1.00	<1.30	<0.500
T4CC	36	35012	06/11/06	16:18	<1.00	<1.00	80.8
T4CM	94	35012	06/11/06	16:18	<1.00	<1.30	58.3
T4CC	37	35013	06/12/06	14:21	<1.00	4.03	<2.00
T4CM	95	35013	06/12/06	14:21	<1.00	4.31	<0.500
T4CC	38	35052	06/25/06	12:01	<1.00	<1.00	10.3
T4CM	100	35052	06/25/06	12:01	<1.00	<1.30	<0.500
T4CC	39	35065	06/30/06	09:48	<10.0	19.7	<20.0
T4CM	106	35065	06/30/06	09:48	<1.00	15.4	5.76
T4MC	1	83523	06/04/06	13:47	<1.00	<1.00	<2.00
T4MM	1	83523	06/04/06	13:47	<1.00	<1.30	<0.500
T4CC	40	36001	06/23/06	14:09		227	28200
T4CM	109	36001	06/23/06	14:09	<1.00	164	38000
T4CC	41	36076	06/25/06	14:24	<1000	<1000	16500
T4CM	113	36076	06/25/06	14:24	3.00	0.27	6300
T4CC	42	36082	06/27/06	10:02	<100	<100	413
T4CM	114	36082	06/27/06	10:02	<1.00	<1.30	1.98
T4CC	43	36112	06/30/06	09:52	<1.00	<1.00	<2.00
T4CM	117	36112	06/30/[illegible]	:52	<1.00	1.08	<0.500
OPGM2	2	37307	06/18/[illegible]	11:41	<1.00	<1.30	<0.500
OPGM2C	2	37307	06/18/06	11:41	<1.00	<1.00	<2.00
OPGM2	3	37308	06/16/06	15:17	<1.00	40.5	<0.500
OPGM2C	3	37308	06/16/06	15:17	<1.00	36.3	<2.00
OPGM2	5	37312	06/17/06	11:13	<1.00	<1.30	<0.500
OPGM2C	1	37312	06/17/06	11:13	<1.00	<1.00	<2.00
OPGM2	12	37332	06/16/06	11:58	<1.00	<1.30	<0.500
OPGM2C	5	37332	06/16/06	11:58	<1.00	<1.00	<2.00
OPGM2	21	37343	06/13/06	08:34	<1.00	<1.30	<0.500
OPGM2C	6	37343	06/13/06	08:39	[illegible] 00	<1.00	<2.00

SAMPLE LIST T4C

TORET CODE:					99133	99133	99133	77985	77985	77985
METHOD CODE:					08	888	88	88	888	88
PARAMETER:					DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME						
T4CC	28	26086	06/24/86	13:55		<15	<4.0		<4.7	<2.0
T4CN	71	26086	06/24/86	13:55	<0.130			<9.31		
T4CC	29	26127	06/26/86	12:58		<15	<4.0		<4.7	<2.0
T4CN	72	26127	06/26/86	12:58	<0.130			<9.31		
T4CC	30	26128	06/24/86	13:34		<15	<4.0		<4.7	<2.0
T4CN	73	26128	06/24/86	13:34	<0.130			<9.31		
T4CC	31	26133	06/27/86	09:06		39	<400		1100	1000
T4CN	74	26133	06/27/86	09:06	26.4			935		
T4CC	32	26140	06/24/86	08:52		<15	<4.0		<4.7	<2.0
T4CN	75	26140	06/24/86	08:52	<0.130			<9.31		
T4CC	33	27040	06/19/86	09:15		<15	<4.0		<4.7	<2.0
T4CN	00	27040	06/19/86	09:15	0.433			<9.31		
T4CC	34	27062	06/12/86	10:52		<15	<4.0		<4.7	<2.0
T4CN	87	27062	06/12/86	10:52	0.330			<9.31		
T4CC	35	28025	06/19/86	14:35		<15	<4.0		<4.7	<2.0
T4CN	89	28025	06/19/86	14:35	<0.130			<9.31		
T4MC	6	28027	06/04/86	07:44		<15	<4.0		<4.7	<2.0
T4MN	35	28027	06/04/86	07:44	<0.130					
T4CC	10	03005	06/11/86	11:50		<15	<4.0		<4.7	6.2
T4CN	25	03005	06/11/86	11:50	<0.130			<9.31		
T4MC	7	33060	06/04/86	08:56		<15	<4.0		<4.7	<2.0
T4MN	26	33060	06/04/86	08:56	<0.130					
T4CC	36	35012	06/11/86	16:18		<15	<4.0		<4.7	<2.0
T4CN	94	35012	06/11/86	16:18	<0.130			<9.31		
T4CC	37	35013	06/12/86	14:21		<15	<4.0		<4.7	<2.0
T4CN	95	35013	06/12/86	14:21	<0.130			<9.31		
T4CC	38	35052	06/25/86	12:01		<15	<4.0		<4.7	<2.0
T4CN	100	35052	06/25/86	12:01	<0.130			<9.31		
T4CC	39	35065	06/30/86	09:48		<15	<40		70	<20
T4CN	106	35065	06/30/86	09:48	<0.130			33.9		
T4MC	1	03523	06/04/86	13:47		53	56		<4.7	<2.0
T4MN	1	03523	06/04/86	13:47	40.9					
T4CC	40	36091	06/23/86	14:09		200	140		73	53
T4CN	109	36091	06/23/86	14:09	141			34.2		
T4CC	41	36076	06/25/86	14:24		<15	<4000		<4.7	<2000
T4CN	113	36076	06/25/86	14:24	0.644			<9.31		
T4CC	42	36082	06/27/86	10:02		<15	<400		28	<200
T4CN	114	36082	06/27/86	10:02	<0.130			17.9		
T4CC	43	36112	06/30/86	08:52		<15	<4.0		<4.7	<2.0
T4CN	117	36112	06/30/86	08:52	<0.130			<9.31		
OPGW2	2	37307	06/18/86	11:41	<0.130			<9.31		
OPGW2C	2	37307	06/18/86	11:41		<15	<4.0		<4.7	<2.0
OPGW2	3	37308	06/16/86	15:17	0.876			111		
OPGW2C	3	37308	06/16/86	15:17		<15	<4.0		150	120
OPGW2	5	37312	06/17/86	11:13	<0.130			<9.31		
OPGW2C	1	37312	06/17/86	11:13		<15	<4.0		<4.7	<2.0
OPGW2	12	37332	06/16/86	11:58	<0.130			<9.31		
OPGW2C	5	37332	06/16/86	11:58		<15	<4.0		<4.7	<2.0
OPGW2	21	37343	06/13/86	08:34	<0.139			<9.31		
OPGW2C	6	37343	06/13/86	08:39		<15	<4.0		<4.7	8.4

SAMPLE LIST T4C

TORET CODE:					98551	34386	39330	39430	39320	39380	39390	39380	81580	98564	98563	98562	81512	98561
ETHOD CODE:					888	S8	S8	S8	S8	S8	S8	S8	U8	U8	U8	U8	U8	U8
ARAMETER:					DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	DMDS	1,4-OXAT	1,4-DITH	CPMS	BTZ	CPMSO
NITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
LD.GRP.	#	SAMPLE ID	DATE	TIME														
OPGM2	31	37353	06/12/86	11:32	210	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPGM2C	8	37353	06/12/86	11:32	140	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPGM2	32	37354	06/11/86	10:06	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPGM2C	4	37354	06/11/86	10:06	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MC	2	04007	06/04/86	14:13	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MM	2	04007	06/04/86	14:13		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4MC	3	04030	06/04/86	08:24	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	35.0	<6.10	<11.0	<14.0		<17.0
T4MM	10	04030	06/04/86	08:24		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4MC	4	04033	06/04/86	09:01	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MM	13	04033	06/04/86	09:01		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4BM	4	06005	06/04/86	11:37	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4BMC	4	6005	06/04/86	11:37	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4BM	5	07001	05/29/86	11:26	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4BMC	1	07001	05/29/86	11:26	*<5.7	*<11.0	*<4.70	*<5.90	*<4.70	*<4.70	*<7.60	*<10.0	<3.00	*<6.10	*<11.0	*<14.0		*<17.0
T4MC	5	09005	06/05/86	11:05	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4MM	15	09005	06/05/86	11:05		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
OPGM2	8	BOLLER	07/01/86	09:32	120	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		8.40
OPGM2C	7	BOLLER	07/01/86	09:32	120	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CC	1	01012	06/25/86	12:50	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4CM	1	01012	06/25/86	12:50	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC	2	01014	07/01/86	08:36	<29	<55.0	<23.5	<29.5	<23.5	<23.5	<38.0	<50.0	<300	<30.5	<55.0	<70.0		<85.0
T4CM	2	01014	07/01/86	08:36	<11	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	4.31	<1.10	<1.30		<4.20

SAMPLE LIST T4C

STORET CODE:				81596	34030	34010	34371	90553	90554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:				A8	W8	W8	W8	W8	W8	Y8	Y8	Y8	Y8	Y8	Y8	Y8	Y8
PARAMETER:				MIBK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	O&P-XYL	METHYLCL	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
OPGW2	31	37353	06/12/86 11:32	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.26	<1.40	<0.610	<1.70	<2.40
OPGW2C	8	37353	06/12/86 11:32	4.01	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPGW2	32	37354	06/11/86 10:06	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPGW2C	4	37354	06/11/86 10:06	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	2.21	<1.00	<1.00	<2.00
T4WC	2	04007	06/04/86 14:13	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	7.38	<1.00	<1.00	<1.00	<2.00
T4WW	2	04007	06/04/86 14:13		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	8.64	<1.40	<0.610	<1.70	<2.40
T4WC	3	04030	06/04/86 08:24	<2.00	3.31	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	4.21	4.40	<1.00	<1.00	<2.00
T4WW	10	04030	06/04/86 08:24		2.96	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	2.54	3.29	<0.610	<1.70	<2.40
T4WC	4	04033	06/04/86 09:01	<2.00	36.6	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4WW	13	04033	06/04/86 09:01		266	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4BW	4	06005	06/04/86 11:37	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4BWC	4	6005	06/04/86 11:37	<2.00	12.1	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4BW	5	07001	05/29/86 11:26	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4BWC	1	07001	05/29/86 11:26	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	.5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4WC	5	09005	06/05/86 11:05	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	10.9	<1.00	<1.00	<1.00	<2.00
T4WW	15	09005	06/05/86 11:05		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	7.29	<1.40	<0.610	<1.70	<2.40
OPGW2	8	BOLLER	07/01/86 09:32	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	27.3	<0.610	<1.70	<2.40
OPGW2C	7	BOLLER	07/01/86 09:32	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	39.7	<1.00	<1.00	<2.00
T4CC	1	01012	06/25/86 12:50	2.58	<1 00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	3.87	2.86	<1.00	<1.00	<2.00
T4CW	1	01012	06/25/86 12:50	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	1.75	3.62	1.95	<0.610	<1.70	<2.40
T4CC	2	01014	07/01/86 08:36	<200	185000	1090	441	1890	846	<500		<200	<200	<100	<100	<100	<200
T4CW	2	01014	07/01/86 08:36	<12.9	212000	832	273	695	1740	<5.00	<1.10	<1.20	<1.20	<1.40	8.00	<1.70	<2.40

SAMPLE LIST T[illegible]

STORET CODE:					34511	34475	34361
METHOD CODE:					Y8	Y8	Y8
PARAMETER:					112TCE	TCLEE	CLC6HS
UNITS:					UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME			
OPGM2	31	37353	06/12/86	11:32	<1.00	<1.30	<0.500
OPGM2C	8	37353	06/12/86	11:32	<1.00	<1.00	<2.00
OPGM2	32	37354	06/11/86	10:06	<1.00	<1.30	<0.560
OPGM2C	4	37354	06/11/86	10:06	<1.00	<1.00	<2.00
T4MC	2	84007	06/04/86	14:13	<1.00	1.83	<2.00
T4MM	2	84007	06/04/86	14:13	<1.00	2.11	<0.500
T4MC	3	84030	06/04/86	08:24	<1.00	<1.00	<2.00
T4MM	18	84030	06/04/86	08:24	<1.00	<1.30	<0.500
T4MC	4	84033	06/04/86	09:01	<1.00	<1.00	<2.00
T4MM	13	84033	06/04/86	09:01	<1.00	<1.30	<0.500
T4BM	4	86005	06/04/86	11:37	<1.00	<1.30	<0.500
T4BMC	4	6005	06/04/86	11:37	<1.00	<1.00	<2.00
T4BM	5	87001	05/29/86	11:26	<1.00	<1.30	<0.500
T4BMC	1	87001	05/29/86	11:26	<1.00	<1.00	<2.00
T4MC	5	89005	06/05/86	11:05	<1.00	2.01	<2.00
T4MM	15	89005	06/05/86	11:05	<1.00	1.84	<0.500
OPGM2	8	BOLLER	07/01/86	09:32	<1.00	6.56	<0.500
OPGM2C	7	BOLLER	07/01/86	09:32	<1.00	5.90	<2.00
T4CC	1	81012	06/25/86	12:50	<1.00	15.8	<2.00
T4CM	1	81012	06/25/86	12:50	<1.00	10.8	<0.500
T4CC	2	81014	07/01/86	08:36	<100	<100	<200
T4CM	2	81014	07/01/86	08:36	<1.00	<1.30	<0.500

ORET CODE:				99133	99133	99133	77905	77905	77905
THOD CODE:				Q8	B8B	R8	R8	B8B	R8
.RAMETER:				DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
ITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
D.GRP.	#	SAMPLE ID	DATE TIME						
OPGM2	31	37353	06/12/86 11:32	<0.130			<9.31		
OPGM2C	8	37353	06/12/86 11:32		<15	<4.0		<4.7	<2.0
OPGM2	32	37354	06/11/86 10:06	<0.130			<9.31		
OPGM2C	4	37354	06/11/86 10:06		<15	<4.0		<4.7	<2.0
T4MC	2	84007	06/04/86 14:13		<15	<4.0		<4.7	<2.0
T4MM	2	84007	06/04/86 14:13	<0.130					
T4MC	3	84030	06/04/86 08:24		<15	<4.0		<4.7	<2.0
T4MM	10	84030	06/04/86 08:24	<0.130					
T4MC	4	84033	06/04/86 09:01		<15	<4.0		<4.7	<2.0
T4MM	13	84033	06/04/86 09:01	<0.130					
T4BM	4	86005	06/04/86 11:37	<0.130			<9.31		
T4BMC	4	6005	06/04/86 11:37		<15	<4.0		<4.7	<2.0
T4BM	5	87001	05/29/86 11:26	<0.130			<9.31		
T4BMC	1	87001	05/29/86 11:26		*<15	<4.0		*<4.7	<2.0
T4MC	5	89005	06/05/86 11:05		<15	<4.0		<4.7	<2.0
T4MM	15	89005	06/05/86 11:05	<0.130					
OPGM2	8	BOLLER	07/01/86 09:32	0.332			<9.31		
OPGM2C	7	BOLLER	07/01/86 09:32		<15	<4.0		<4.7	<2.0
T4CC	1	81012	06/25/86 12:56		<15	<4.0		<4.7	<2.0
T4CM	1	81012	06/25/86 12:50	0.244			<9.31		
T4CC	2	81014	07/01/86 08:36		<75	<400		72000	3700
T4CM	2	81014	07/01/86 08:36	<0.130			3360		

4TH QUARTER FY 1986 TASK 4 GC/MS CONFIRMATION DATA

FIELD GROUP NUMBERS T4CC2, T4WC2, AND OPG3C ARE GC/MS RESULTS

STORET CODE:				98551	34386	39330	39430	39320	39380	39390	39300	81580	98564	98563	98562	81512	98561
METHOD CODE:				BBS	S8	S8	S8	S8	S8	S8	S8	U8	U8	U8	U8	U8	U8
PARAMETER:				DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	DMDS	1,4-OXAT	1,4-DITH	CPMS	BTZ	CPMSO
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T4C2	4	01021	09/18/86 14:22	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	1	01021	09/18/86 07:00	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.90	<6.10	<11.0	<14.0		<17.0
T4C2	6	01023	09/18/86 11:09	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	2	01023	09/18/86 11:09	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	16	02020	09/17/86 11:16	<11	<0.070	<0.070	<0.060	<0.053	0.430	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	4	02020	09/17/86 11:16	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	19	02034	09/05/86 13:57	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	5	02034	09/05/86 13:57	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	20	02035	09/05/86 15:00	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	6	02035	09/05/86 15:00	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	28	22059	09/03/86 10:24	<11	<0.070	<0.070	<0.060	<0.053	0.127	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	7	22059	09/03/86 10:24	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	29	22060	09/03/86 00:05	<11	<0.070	<0.070	<0.060	<0.053	0.396	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	8	22060	09/03/86 00:05	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	31	23095	09/03/86 12:31	1100	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.80	10.0	91.0	<1.30		<4.20
T4CC2	9	23095	09/03/86 12:31	600	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	4.33	10.1	67.7	<14.0		<17.0
T4C2	33	23125	09/25/86 15:24	19	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	10	23125	09/25/86 15:24	10	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	37	23179	09/02/86 09:57	780	2.29	<1.40	<1.20	<1.06	<1.20	<1.04	<1.40	<1.80	17.9	73.0	73.4		13.6
T4CC2	12	23179	09/02/86 09:57	540	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	55.0	115		<17.0
T4C2	39	23182	09/04/86 10:12	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	14	23182	09/04/86 10:12	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	40	23183	09/04/86 14:07	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	15	23183	09/04/86 14:07	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	50	24178	09/22/86 14:50	300	0.207	<0.070	<0.060	<0.053	3.35	2.22	<0.070	<1.80	<2.00	<1.10	13.5		55.9
T4CC2	18	24178	09/22/86 14:50	>290	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		70.3
T4C2	51	24185	09/23/86 08:50	<11	<0.070	<0.070	<0.060	<0.053	0.396	0.080	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	19	24185	09/23/86 08:50	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	57	25016	09/05/86 11:06	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	0.133	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	20	25016	09/05/86 11:06	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	60	26011	09/19/86 08:54	19	<0.070	0.109	<0.060	<0.053	0.164	<0.052	<0.070	<1.80	<2.00	1.99	<1.30		<4.20
T4CC2	21	26011	09/19/86 08:54	15	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	61	26015	09/22/86 09:10	590	<0.070	<0.070	<0.060	<0.053	0.112	<0.052	<0.070	<1.80	2.46	11.7	<1.30		<4.20
T4CC2	22	26015	09/22/86 09:10	410	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	62	26017	09/22/86 10:53	130	<0.070	<0.070	<0.060	<0.053	0.103	<0.052	<0.070	<1.80	<2.00	5.27	<1.30		<4.20
T4CC2	23	26017	09/22/86 10:53	61	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	63	26020	09/23/86 00:45	920	<0.070	<0.070	<0.060	<0.053	0.201	<0.052	<0.070	<1.80	<2.00	2.93	<1.30		<4.20
T4CC2	24	26020	09/23/86 00:45									<3.00					
T4C2	65	26041	09/23/86 07:10	3300	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	10.0	8.46	54.5	48.8		<42.0
T4CC2	25	26041	09/23/86 07:10	2500	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	42.3	<6.10	62.1	<14.0		<17.0
T4C2	72	26127	09/29/86 10:20	1700	<0.070	<0.070	<0.060	<0.053	2.42	0.366	1.14	<1.80	4.42	34.3	<1.30		<4.20
T4CC2	26	26127	09/29/86 10:20	1300	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	40.1	<14.0		<17.0
T4C2	74	26133	09/19/86 12:07	950	<1.40	<1.40	<0.060	<1.06	2.24	<1.04	<1.40	<1.80	11.4	31.7	360		31.4
T4CC2	27	26133	09/19/86 12:07	470	<11.0	<4.70	<5.90	<4.70	7.84	<7.60	<10.0	<300	13.6	35.3	480		18.6
T4C2	76	26142	09/24/86 07:48	<11	<0.070	<0.700	<0.060	<0.053	2.52	<0.520	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	28	26142	09/24/86 07:48	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	122	27016	09/26/86 00:22	14	<0.070	<0.070	<0.060	<0.053	0.246	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	29	27016	09/26/86 00:22	6.6	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	81	27053	09/19/86 08:52	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30		<4.20
T4CC2	30	27053	09/19/86 08:52	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0

SAMPLE LIST T4C3

STORET CODE:				81596	34030	34010	34371	98553	98554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:				W8	W8	W8	W8	W8	W8	Y8	Y8	Y8	Y8	Y8	Y8	Y8	Y8
PARAMETER:				MIBK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	O&P-XYL	METHYLCL	11DCE	11DCLE	T1?DCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T4C2	4	01021	09/18/86 14:22	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	1	01021	09/18/86 07:00	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	6	01023	09/18/86 11:09	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	2	01023	09/18/86 11:09	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	16	02020	09/17/86 11:16	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	2.50	<1.20	31.9	<0.610	<1.70	<2.40
T4CC2	4	02020	09/17/86 11:16	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		2.82	<2.00	36.0	<1.00	<1.00	<2.00
T4C2	19	02034	09/05/86 13:57	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	4.29	<1.20	13.3	<0.610	<1.70	<2.40
T4CC2	5	02034	09/05/86 13:57	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		4.61	<2.00	14.6	<1.00	<1.00	<2.00
T4C2	20	02035	09/05/86 15:00	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	6.74	<1.20	162	<0.610	<1.70	13.5
T4CC2	6	02035	09/05/86 15:00	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		10.0	<2.00	>166	<1.00	<1.00	16.7
T4C2	28	22059	09/03/86 10:24	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	14.1	<0.610	<1.70	<2.40
T4CC2	7	22059	09/03/86 10:24	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	17.9		<2.00	<2.00	9.09	<1.00	<1.00	<2.00
T4C2	29	22060	09/03/86 08:05	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	8	22060	09/03/86 08:05	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	>160		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	31	23095	09/03/86 12:31	<12.9	22.0	6.40	2.85	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1420	<0.610	<1.70	<2.40
T4CC2	9	23095	09/03/86 12:31	6.22	23.7	<1.00	<1.00	<1.00	2.25	<5.00		<2.00	<2.00	3860	43.1	<1.00	<2.00
T4C2	33	23125	09/25/86 15:24	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1.71	<0.610	<1.70	<2.40
T4CC2	10	23125	09/25/86 15:24	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	2.24	<1.00	<1.00	<2.00
T4C2	37	23179	09/02/86 09:57	<12.9	32.8	460	1.28	<1.35	<2.47	128	<1.10	<1.20	<1.20	26900	<0.610	<1.70	<2.40
T4CC2	12	23179	09/02/86 09:57	<2.00	31.5	<1.00	<1.00	<1.00	2.05	158		3.35	<2.00	>16600	122	<1.00	<2.00
T4C2	39	23182	09/04/86 10:12	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	14	23182	09/04/86 10:12	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	40	23183	09/04/86 14:07	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	15	23183	09/04/86 14:07	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	50	24178	09/22/86 14:50	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	124	<0.610	<1.70	2.66
T4CC2	18	24178	09/22/86 14:50	<2.00	1.14	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	163	1.39	<1.00	2.73
T4C2	51	24185	09/23/86 08:50	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	19	24185	09/23/86 08:50	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	57	25016	09/05/86 11:06	<12.9	15.4	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	20	25016	09/05/86 11:06	<2.00	5.62	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	60	26011	09/19/86 08:54	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	21	26011	09/19/86 08:54	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	61	26015	09/22/86 09:10	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	22	26015	09/22/86 09:10	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	62	26017	09/22/86 10:53	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	23	26017	09/22/86 10:53	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	63	26020	09/23/86 08:45	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	24	26020	09/23/86 08:45	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	65	26041	09/23/86 07:10	<12.9	48.4	729	2.22	<1.35	2.59	<100	<22.0	<24.0	<24.0	<28.0	19.9	<34.0	<48.0
T4CC2	25	26041	09/23/86 07:10	25.1	<27.5	<25.0	<5.00	<5.00	<10.0	<25.0		<10.0	<10.0	<5.00	<25.0	<5.00	<10.0
T4C2	72	26127	09/29/86 10:20	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	26	26127	09/29/86 10:20	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	74	26133	09/19/86 12:07	<323	562	195	8.41	8.52	55.0	<25.0	<1.10	<6.00	<600	48000	<61.0	<170	<240
T4CC2	27	26133	09/19/86 12:07	<200	536	199	<100	<100	<200	814		<200	<200	68300	<100	<100	<200
T4C2	76	26142	09/24/86 07:48	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	28	26142	09/24/86 07:48	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	122	27016	09/26/86 08:22	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	29	27016	09/26/86 08:22	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	81	27053	09/19/86 08:52	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	30	27053	09/19/86 08:52	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00

SAMPLE LIST 1of3

STORET CODE:				34511	34475	34381
METHOD CODE:				Y8	Y8	Y8
PARAMETER:				112TCE	TCLEE	CLC6H5
UNITS:				UG/L	UG/L	UG/L
FLG.GRP.	#	SAMPLE ID	DATE TIME			
T4C2	4	01021	09/10/86 14:22	<1.00	<1.30	<0.500
T4CC2	1	01021	09/10/86 07:00	<1.00	<1.00	<2.00
T4C2	6	01023	09/10/86 11:09	<1.00	<1.30	<0.500
T4CC2	2	01023	09/10/86 11:09	<1.00	<1.00	<2.00
T4C2	16	02020	09/17/86 11:16	<1.00	<1.30	<0.500
T4CC2	4	02020	09/17/86 11:16	<1.00	<1.00	<2.00
T4C2	19	02034	09/05/86 13:57	<1.00	1.36	<0.500
T4CC2	5	02034	09/05/86 13:57	<1.00	<1.00	<2.00
T4C2	20	02035	09/05/86 15:00	<1.00	2.90	<0.500
T4CC2	6	02035	09/05/86 15:00	<1.00	3.59	<2.00
T4C2	28	22059	09/03/86 10:24	<1.00	<1.30	<0.500
T4CC2	7	22059	09/03/86 10:24	<1.00	<1.00	<2.00
T4C2	29	22060	09/03/86 08:05	<1.00	<1.30	<0.500
T4CC2	8	22060	09/03/86 08:05	<1.00	<1.00	<2.00
T4C2	31	23095	09/03/86 12:31	<1.00	31.5	<0.500
T4CC2	9	23095	09/03/86 12:31	<1.00	34.3	<2.00
T4C2	33	23125	09/25/86 15:24	<1.00	<1.30	<0.500
T4CC2	10	23125	09/25/86 15:24	<1.00	<1.00	<2.00
T4C2	37	23179	09/02/86 09:57	<1.00	67.7	<0.500
T4CC2	12	23179	09/02/86 09:57	<1.00	59.0	<2.00
T4C2	39	23182	09/04/86 10:12	<1.00	<1.30	<0.500
T4CC2	14	23182	09/04/86 10:12	<1.00	<1.00	<2.00
T4C2	40	23183	09/04/86 14:07	<1.00	<1.30	<0.500
T4CC2	15	23183	09/04/86 14:07	<1.00	<1.00	<2.00
T4C2	50	24178	09/22/86 14:50	<1.00	48.2	<0.500
T4CC2	18	24178	09/22/86 14:50	<1.00	55.7	<2.00
T4C2	51	24185	09/23/86 08:56	<1.00	<1.30	<0.500
T4CC2	19	24185	09/23/86 08:56	<1.00	<1.00	<2.00
T4C2	57	25016	09/05/86 11:06	<1.00	<1.30	<0.500
T4CC2	20	25016	09/05/86 11:06	<1.00	<1.00	<2.00
T4C2	60	26011	09/19/86 08:54	<1.00	<1.30	<0.500
T4CC2	21	26011	09/19/86 08:54	<1.00	<1.00	<2.00
T4C2	61	26015	09/22/86 09:10	<1.00	<1.30	<0.500
T4CC2	22	26015	09/22/86 09:10	<1.00	<1.00	<2.00
T4C2	62	26017	09/22/86 10:53	<1.00	<1.30	<0.500
T4CC2	23	26017	09/22/86 10:53	<1.00	<1.00	<2.00
T4C2	63	26020	09/23/86 08:45	<1.00	<1.30	<0.500
T4CC2	24	26020	09/23/86 08:45	<1.00	<1.00	<2.00
T4C2	65	26041	09/23/86 07:10	<20.0	<26.0	<11.6
T4CC2	25	26041	09/23/86 07:10	<5.00	<5.00	<10.0
T4C2	72	26127	09/29/86 10:20	<1.00	<1.30	<0.500
T4CC2	26	26127	09/29/86 10:20	<1.00	<1.00	3.52
T4C2	74	26133	09/19/86 12:07	<5.00	<6.50	<2.90
T4CC2	27	26133	09/19/86 12:07	<100	437	<200
T4C2	75	26142	09/24/86 07:48	<1.00	<1.30	<0.500
T4CC2	28	26142	09/24/86 07:48	<1.00	<1.00	<2.00
T4C2	122	27016	09/26/86 08:22	<1.00	<1.30	<0.500
T4CC2	29	27016	09/26/86 08:22	<1.00	<1.00	<2.00
T4C2	81	27053	09/19/86 08:52	<1.00	<1.30	<0.500
T4CC2	30	27053	09/19/86 08:52	<1.00	<1.00	<2.00

SAMPLE LIST T4C3

STORET CODE:				99133	99133	99133	77985	77985	77985
METHOD CODE:				08	888	H8	R8	888	H8
PARAMETER:				DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME						
T4C2	4	01021	09/18/86 14:22	<0.130			<9.31		
T4CC2	1	01021	09/18/86 07:00		<15	<4.0		<4.7	<2.0
T4C2	6	01023	09/18/86 11:09	<0.130			<9.31		
T4CC2	2	01023	09/18/86 11:09		<15	<4.0		<4.7	<2.0
T4C2	16	02020	09/17/86 11:16	<0.130			<9.31		
T4CC2	4	02020	09/17/86 11:16		<15	<4.0		<4.7	<2.0
T4C2	19	02034	09/05/86 13:57	<0.130			<9.31		
T4CC2	5	02034	09/05/86 13:57		<15	<4.0		<4.7	<2.0
T4C2	20	02035	09/05/86 15:00	<0.130			<9.31		
T4CC2	6	02035	09/05/86 15:00		<15	<4.0		<4.7	<2.0
T4C2	28	22059	09/03/86 10:24	0.149			<9.31		
T4CC2	7	22059	09/03/86 10:24		<15	<4.0		<4.7	<2.0
T4C2	29	22060	09/03/86 08:05	<0.130			<9.31		
T4CC2	8	22060	09/03/86 08:05		<15	<4.0		<4.7	<2.0
T4C2	31	23095	09/03/86 12:31	<0.130			674		
T4CC2	9	23095	09/03/86 12:31		<15	<4.0		900	680
T4C2	33	23125	09/25/86 15:24	<0.130			<9.31		
T4CC2	10	23125	09/25/86 15:24		<15	<4.0		<4.7	<2.0
T4C2	37	23179	09/02/86 09:57	1.82			626		
T4CC2	12	23179	09/02/86 09:57		<15	<4.0		870	790
T4C2	39	23182	09/04/86 10:12	<0.130			<9.31		
T4CC2	14	23182	09/04/86 10:12		<15	<4.0		<4.7	<2.0
T4C2	40	23183	09/04/86 14:07	<0.130			<9.31		
T4CC2	15	23183	09/04/86 14:07		<15	<4.0		<4.7	<2.0
T4C2	50	24178	09/22/86 14:50	5.50			31.9		
T4CC2	18	24178	09/22/86 14:50		<15	5.1		56	47
T4C2	51	24185	09/23/86 08:50	<0.130			<9.31		
T4CC2	19	24185	09/23/86 08:50		<15	<4.0		<4.7	<2.0
T4C2	57	25016	09/05/86 11:06	<0.130			<9.31		
T4CC2	20	25016	09/05/86 11:06		<15	<4.0		<4.7	<2.0
T4C2	60	26011	09/19/86 08:54	<0.130			<9.31		
T4CC2	21	26011	09/19/86 08:54		<15	<4.0		<4.7	<2.0
T4C2	61	26015	09/22/86 09:10	<0.130			<9.31		
T4CC2	22	26015	09/22/86 09:10		<15	<4.0		<4.7	<2.0
T4C2	62	26017	09/22/86 10:53	<0.130			<9.31		
T4CC2	23	26017	09/22/86 10:53		<15	<4.0		<4.7	<2.0
T4C2	63	26020	09/23/86 08:45	<0.130			<9.31		
T4CC2	24	26020	09/23/86 08:45			<4.0			<2.0
T4C2	65	26041	09/23/86 07:10	<0.130			23.5		
T4CC2	25	26041	09/23/86 07:10		<15	<20		73	47
T4C2	72	26127	09/29/86 10:20	<0.130			<9.31		
T4CC2	26	26127	09/29/86 10:20		<15	<4.0		<4.7	<2.0
T4C2	74	26133	09/19/86 12:07	25.0			736		
T4CC2	27	26133	09/19/86 12:07		30	<400		770	850
T4C2	76	26142	09/24/86 07:48	<0.130			<9.31		
T4CC2	28	26142	09/24/86 07:48		<15	<4.0		<4.7	<2.0
T4C2	122	27016	09/26/86 08:22	<0.130			<9.31		
T4CC2	29	27016	09/26/96 08:22		<15	<4.0		<4.7	<2.0
T4C2	81	27053	09/19/86 08:52	<0.130			<9.31		
T4CC2	30	27053	09/19/86 08:52		<15	<4.0		<4.7	<2.0

SAMPLE LIST 1...

STORET CODE:				98551	34386	39330	39430	39320	39380	39390	39300	81500	98564	98563	98562	81512	98561
METHOD CODE:				888	S8	S8	S8	S8	S8	S8	S8	U8	U8	U8	U8	U8	U8
PARAMETER:				DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	DMDS	1,4-OXAT	1,4-DITH	CPMS	BTZ	CPMSO
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T4W2	19	33024	09/03/86 10:50	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	1	33024	09/03/86 10:50	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4W2	21	33026	08/28/86 1:53	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	2	33026	08/28/86 13:53	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4W2	23	33030	09/04/86 09:40		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	3	33030	09/04/86 09:40	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4W2	25	33034	09/04/86 11:37		<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	4	33034	09/04/86 11:37	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	97	35037	09/05/86 12:30	<11	<0.070	<0.070	<0.060	<0.053	3.64	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC2	32	35037	09/05/86 12:30	<5.7	<11.0	<4.70	<5.90	<4.70	8.04	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	98	35038	09/05/86 13:31	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC2	33	35038	09/05/86 13:31	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	101	35058	09/08/86 10:18	<11	<0.070	<0.070	<0.060	<0.053	1.44	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC2	34	35058	09/08/86 10:18	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	105	35063	09/15/86 11:37	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC2	35	35063	09/15/86 11:37	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	106	35065	09/08/86 11:17	2500	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	14.2	113	<1.30		<4.20
T4CC2	36	35065	09/08/86 11:17	1500	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	104	<14.0		<17.0
T4C2	110	36065	09/26/86 11:44	43	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC2	37	36065	09/26/86 11:41	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4C2	114	36082	09/26/86 10:45	580	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.00	126	896	6.35		<4.20
T4CC2	39	36082	09/26/86 10:45	480	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	197	1220	<14.0		<17.0
T4C2	120	36121	09/26/86 13:40	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
T4CC2	38	36121	09/26/86 13:40	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPG3	1	37305	08/26/86 14:56	1700	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	1	37305	08/26/86 14:56	1000	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPG3	6	37313	08/26/86 10:15	3900	<0.350	<0.350	<0.300	<0.265	<0.300	<0.260	<0.350	<1.00	4.15	9.45	<1.30		<4.20
OPG3C	2	37313	08/26/86 10:15	3700	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPG3	7	37320	09/22/86 12:06	19	<0.070	<0.070	<0.060	<0.053	0.065	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	3	37320	09/22/86 12:06	13	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPG3	25	37347	08/25/86 10:13	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	5	37347	08/25/86 00:00	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPG3	27	37349	09/11/86 07:53	42	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	6	37349	09/11/86 07:53	31	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	NA	<6.10	<11.0	<14.0		<17.0
OPG3	31	37353	09/12/86 07:38	660	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	4	37353	09/12/86 07:38	>94	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	NA	<6.10	<11.0	<14.0		<17.0
OPG3	34	37356	09/08/86 10:43	180	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	7	37356	09/08/86 10:43	150	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
OPG3	35	37357	09/11/86 10:47	22	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.00	<2.00	<1.10	<1.30		<4.20
OPG3C	8	37357	09/11/86 10:47	10	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	NA	<6.10	<11.0	<14.0		<17.0
T4W2	4	84014	08/26/86 00:04	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	5	84014	08/26/86 00:04	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T4W2	6	84021	08/25/86 10:18	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	6	84021	08/25/86 10:18	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	5.64	<6.10	<11.0	<14.0		<17.0
T4W2	8	84027	08/26/86 11:59	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070						
T4WC2	7	84027	08/26/86 11:59	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0

SAMPLE LIST T4C3

STORET CODE:				81596	34030	34010	34371	98553	98554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:				R8	W8	W8	W8	W8	W8	Y8	Y8	Y8	Y8	Y8	Y8	Y8	Y8
PARAMETER:				MIBK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	O&P-XYL	METHYLCL	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T4W2	19	33024	09/03/86 10:50		3.60	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4WC2	1	33024	09/03/86 10:50	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	47.3		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4W2	21	33026	08/28/86 13:53		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4WC2	2	33026	08/28/86 13:53	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4W2	23	33030	09/04/86 09:40		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1.78	<0.610	<1.70	<2.40
T4WC2	3	33030	09/04/86 09:40	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	2.53	<1.00	<1.00	<2.00
T4W2	25	33034	09/04/86 11:37		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4WC2	4	33034	09/04/86 11:37	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	1.91	<1.00	<1.00	<2.00
T4C2	97	35037	09/05/86 12:30	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	24.6	<0.610	<1.70	<2.40
T4CC2	32	35037	09/05/86 12:30	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	33.0	<1.00	<1.00	<2.00
T4C2	98	35038	09/05/86 13:31	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	33	35038	09/05/86 13:31	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	101	35058	09/08/86 10:18	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	7.83	<0.610	<1.70	<2.40
T4CC2	34	35058	09/08/86 10:18	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	9.40	<1.00	<1.00	<2.00
T4C2	105	35063	09/15/86 11:37	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<0.50	<9.60
T4CC2	35	35063	09/15/86 11:37	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	106	35065	09/08/86 11:17	<12.9	<1.34	>8.55	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	4.92	9.776	<1.70	<2.40
T4CC2	36	35065	09/08/86 11:17	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4C2	110	36065	09/26/86 11:44	<12.9	4.09	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	43.9	<0.610	<1.70	11.5
T4CC2	37	36065	09/26/86 11:41	<2.00	7.73	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	73.5	<1.00	<1.00	17.8
T4C2	114	36082	09/26/86 10:45	<12.9	<1.34	<1.21	<1.28	2.69	3.43	<5.00	<1.10	<1.20	<1.20	4.28	<0.610	<1.70	<2.40
T4CC2	39	36082	09/26/86 10:45	<2.00	<1.00	<1.00	<1.00	2.10	<2.00	<5.00		<2.00	<2.00	3.43	15.6	<1.00	<2.00
T4C2	120	36121	09/26/86 13:40	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4CC2	38	36121	09/26/86 13:40	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPG3	1	37305	08/26/86 14:56	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPG3C	1	37305	08/26/86 14:56	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPG3	6	37313	08/26/86 10:15	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	0.617	<1.70	<2.40
OPG3C	2	37313	08/26/86 10:15	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPG3	7	37320	09/22/86 12:06	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPG3C	3	37320	09/22/86 12:06	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	1.87	<1.00	<1.00	<2.00
OPG3	25	37347	08/25/86 10:13	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPG3C	5	37347	08/25/86 00:00	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPG3	27	37349	09/11/86 07:53	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPG3C	6	37349	09/11/86 07:53	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA
OPG3	31	37353	09/12/86 07:38	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPG3C	4	37353	09/12/86 07:38	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA
OPG3	34	37356	09/08/86 10:43	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
OPG3C	7	37356	09/08/86 10:43	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
OPG3	35	37357	09/11/86 10:47	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	11.0	<0.610	<1.70	<2.40
OPG3C	8	37357	09/11/86 10:47	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA
T4W2	4	84014	08/26/86 08:04		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4WC2	5	84014	08/26/86 08:04	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T4W2	6	84021	08/25/86 10:18		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4WC2	6	84021	08/25/86 10:18	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	1.84	<1.00	<1.00	<2.00
T4W2	8	84027	08/26/86 11:59		<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4WC2	7	84027	08/26/86 11:59	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00

SAMPLE LIST T4W3

STORET CODE:					34511	34475	34301
METHOD CODE:					YB	YB	YB
PARAMETER:					112TCE	TCLEE	CLC6H5
UNITS:					UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME			
T4W2	19	33024	09/03/86	10:50	<1.00	<1.30	<0.500
T4WC2	1	33024	09/03/86	10:50	<1.00	<1.00	<2.00
T4W2	21	33026	08/28/86	13:53	<1.00	<1.30	<0.500
T4WC2	2	33026	08/28/86	13:53	<1.00	<1.00	<2.00
T4W2	23	33030	09/04/86	09:48	<1.00	<1.30	<0.500
T4WC2	3	33030	09/04/86	09:48	<1.00	<1.00	<2.00
T4W2	25	33034	09/04/86	11:37	<1.00	<1.30	<0.500
T4WC2	4	33034	09/04/86	11:37	<1.00	<1.00	<2.00
T4C2	97	35037	09/05/86	12:30	<1.00	<1.30	<0.500
T4CC2	32	35037	09/05/86	12:30	<1.00	<1.00	<2.00
T4C2	98	35038	09/05/86	13:31	<1.00	<1.30	<0.500
T4CC2	33	35038	09/05/86	13:31	<1.00	<1.00	<2.00
T4C2	101	35058	09/08/86	10:18	<1.00	<1.30	<0.500
T4CC2	34	35058	09/08/86	10:18	<1.00	<1.00	<2.00
T4C2	105	35063	09/15/86	11:37	<5.00	<1.30	<0.500
T4CC2	35	35063	09/15/86	11:37	<1.00	<1.00	<2.00
T4C2	106	35065	09/08/86	11:17	<1.00	11.0	5.77
T4CC2	36	35065	09/08/86	11:17	<1.00	10.7	4.44
T4C2	110	36065	09/26/86	11:44	<1.00	<1.30	1.78
T4CC2	37	36065	09/26/86	11:41	<1.00	<1.00	2.87
T4C2	114	36082	09/26/86	10:45	<1.00	1.55	<0.500
T4CC2	39	36082	09/26/86	10:45	<1.00	1.09	2.16
T4C2	120	36121	09/26/86	13:40	<1.00	<1.30	<0.500
T4CC2	38	36121	09/26/86	13:40	<1.00	<1.00	<2.00
OPG3	1	37305	08/26/86	14:56	<1.00	<1.30	<0.500
OPG3C	1	37305	08/26/86	14:56	<1.00	<1.00	<2.00
OPG3	6	37313	08/26/86	10:15	<1.00	<1.30	<0.500
OPG3C	2	37313	08/26/86	10:15	<1.00	<1.00	<2.00
OPG3	7	37320	09/22/86	12:06	<1.00	<1.30	<0.500
OPG3C	3	37320	09/22/86	12:06	<1.00	<1.00	<2.00
OPG3	25	37347	08/25/86	10:13	<1.00	<1.30	<0.500
OPG3C	5	37347	08/25/86	08:08	<1.00	<1.00	<2.00
OPG3	27	37349	09/11/86	07:53	<1.00	<1.30	<0.500
OPG3C	6	37349	09/11/86	07:53	NA	NA	NA
OPG3	31	37353	09/12/86	07:38	<1.00	<1.30	<0.500
OPG3C	4	37353	09/12/86	07:38	NA	NA	NA
OPG3	34	37356	09/08/86	10:43	<1.00	<1.30	<0.500
OPG3C	7	37356	09/08/86	10:43	<1.00	<1.00	<2.00
OPG3	35	37357	09/11/86	10:47	<1.00	2.24	<0.500
OPG3C	8	37357	09/11/86	10:47	NA	NA	NA
T4W2	4	84014	08/26/86	08:04	<1.00	<1.30	<0.500
T4WC2	5	84014	08/26/86	08:04	<1.00	<1.00	<2.00
T4W2	6	84021	08/25/86	10:18	<1.00	<1.30	<0.500
T4WC2	6	84021	08/25/86	10:18	<1.00	<1.00	<2.00
T4W2	8	84027	08/26/86	11:59	<1.00	<1.30	<0.500
T4WC2	7	84027	08/26/86	11:59	<1.00	<1.00	<2.00

SAMPLE LIST T4C3

STORET CODE:				99133	99133	99133	77985	77985	77985
METHOD CODE:				Q8	B8B	R8	R8	B8B	R8
PARAMETER:				DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME						
T4W2	19	33024	09/03/86 10:50	<0.130					
T4WC2	1	33024	09/03/86 10:50		<15	<4.0		<4.7	<2.0
T4W2	21	33026	08/28/86 13:53	<0.130					
T4WC2	2	33026	08/28/86 13:53		<15	<4.0		<4.7	<2.0
T4W2	23	33030	09/04/86 09:40	5.46					
T4WC2	3	33030	09/04/86 09:40		<15	4.9		<4.7	<2.0
T4W2	25	33034	09/04/86 11:37	<0.130					
T4WC2	4	33034	09/04/86 11:37		<15	<4.0		<4.7	<2.0
T4C2	97	35037	09/05/86 12:30	<0.130			<9.31		
T4CC2	32	35037	09/05/86 12:30		<15	<4.0		<4.7	<2.0
T4C2	98	35038	09/05/86 13:31	<0.130			<9.31		
T4CC2	33	35038	09/05/86 13:31		<15	<4.0		<4.7	<2.0
T4C2	101	35058	09/08/86 10:18	<0.130			<9.31		
T4CC2	34	35058	09/08/86 10:18		<15	<4.0		<4.7	<2.0
T4C2	105	35063	09/15/86 11:37	<0.130			<9.31		
T4CC2	35	35063	09/15/86 11:37		<15	<4.0		<4.7	<2.0
T4C2	106	35065	09/08/86 11:17	<0.130			24.0		
T4CC2	36	35065	09/08/86 11:17		<15	<4.0		42	27
T4C2	110	36065	09/26/86 11:44	1.07			<9.31		
T4CC2	37	36065	09/26/86 11:41		<15	<4.0		<4.7	<2.0
T4C2	114	36082	09/26/86 10:45	0.191			24.3		
T4CC2	39	36082	09/26/86 10:45		<15	<4.0		31	30
T4C2	120	36121	09/26/86 13:48	<0.130			<9.31		
T4CC2	38	36121	09/26/86 13:49		<15	<4.0		<4.7	<2.0
OPG3	1	37305	08/26/86 14:56	<0.130			<9.31		
OPG3C	1	37305	08/26/86 14:56		<15	<4.0		<4.7	<2.0
OPG3	6	37313	08/26/86 10:15	<0.130			<9.31		
OPG3C	2	37313	08/26/86 10:15		<15	<4.0		<4.7	<2.0
OPG3	7	37320	09/22/86 12:06	<0.130			<9.31		
OPG3C	3	37320	09/22/86 12:06		<15	<4.0		<4.7	<2.0
OPG3	25	37347	08/25/86 10:13	<0.130			<9.31		
OPG3C	5	37347	08/25/86 00:00		<15	<4.0		<4.7	<2.0
OPG3	27	37349	09/11/86 07:53	<0.130			<9.31		
OPG3C	6	37349	09/11/86 07:53		<15	NA		<4.7	NA
OPG3	31	37353	09/12/86 07:38	<0.130			<9.31		
OPG3C	4	37353	09/12/86 07:38		<15	NA		<4.7	NA
OPG3	34	37356	09/08/86 10:43	<0.130			<9.31		
OPG3C	7	37356	09/08/86 10:43		<15	<4.0		<4.7	<2.0
OPG3	35	37357	09/11/86 10:47	<0.130			<9.31		
OPG3C	8	37357	09/11/86 10:47		<15	NA		<4.7	NA
T4W2	4	84014	08/26/86 00:04	11.5					
T4WC2	5	84014	08/26/86 00:04		<15	9.1		<4.7	<2.0
T4W2	6	84021	08/25/86 10:18	<0.130					
T4WC2	6	84021	08/25/86 10:18		<15	<4.0		<4.7	<2.0
T4W2	8	84027	08/26/86 11:59	38.8					
T4WC2	7	84027	08/26/86 11:59		43	<4.0		<4.7	<2.0

TASK 44 GC/MS CONFIRMATION DATA

FIELD GROUP NUMBER T44GM53 IS GC/MS RESULTS

SAMPLE LIST T4P[illegible]

STORET CODE:					98551	34386	39330	39430	39320	39380	39390	39300	81580	98564	98563	98562	81512	98561
METHOD CODE:					8SE	SB	SB	SB	SB	SB	SB	SB	UB	UB	UB	UB	UB	UB
PARAMETER:					DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	DMDS	1,4-DXAT	1,4-DITH	CPMS	BTZ	CPMSO
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T44GMS3	1	01000	05/05/87	10:13	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T441S3	1	01000	05/05/87	10:13	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T44RR3	1	01000	06/02/87	08:51	<11	<0.083	<0.083	<0.056	<0.046	0.154	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44CW3	7	02000	05/05/87	13:19	<11	<0.083	<0.083	<0.056	<0.046	0.069	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	2	02000	05/05/87	13:19	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T44RR3	3	02000	06/02/87	08:58	<11	<0.083	<0.083	<0.056	<0.046	0.080	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	3	04009	05/06/87	07:36	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T44WW3	9	04009	05/06/87	07:36	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	1.50	<1.98
T44GMS3	4	09002	05/05/87	14:16	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T44RR3	12	09002	06/03/87	09:55	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44WW3	106	09002	05/05/87	14:16	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T44GMS3	5	22051	05/13/87	07:52	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	5	23004	05/13/87	10:08	1600	<0.415	<0.415	<0.280	<0.230	3.48	0.512	<0.295	<1.16	2.92	10.8	<1.08	<1.14	<1.98
T44GMS3	6	23004	05/13/87	10:08	930	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	9.08	48.2	24.6		<17.0
T4425-3	6	23029	05/13/87	11:44	420	<0.083	<0.083	<0.056	<0.046	0.670	0.421	<0.059	8.47	13.1	55.0	38.1	1.41	12.7
T44GMS3	7	23029	05/13/87	11:44	230	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	NA	<6.10	<11.0	<14.0		<17.0
T4425-3	11	23189	05/14/87	08:36	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	8	23189	05/14/87	08:36	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44GMS3	9	23193	05/14/87	08:28	NA	NA	NA	NA	NA	NA	NA	NA	27.5	NA	NA	NA		NA
T441S3	9	23193	05/14/87	08:28	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	1.68	<1.08	<1.14	<1.98
T4425-3	15	24092	05/18/87	08:42	30	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	10	24092	05/18/87	08:42	25	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	16	24106	05/18/87	13:35	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	11	24106	05/18/87	13:35	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	18	24111	05/14/87	13:55	220	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	12	24111	05/14/87	13:55	120	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	19	24113	05/18/87	10:46	13	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	13	24113	05/18/87	10:46	8.4	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	20	24120	05/19/87	13:43	<11	<0.083	<0.083	<0.056	<0.046	0.125	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	14	24120	05/19/87	13:43	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	22	24127	05/12/87	14:33	680	<0.083	<0.083	<0.056	<0.046	1.14	0.819	>0.066	<1.16	2.09	6.45	22.9	<1.14	92.6
T44GMS3	15	24127	05/12/87	14:43	310	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	22.3		49.5
T4425-3	24	27849	05/12/87	15:12	<11	<0.083	<0.083	<0.056	<0.046	0.136	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	17	27849	05/12/87	15:12	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44CW3	64	27855	05/08/87	09:15	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	19	27855	05/08/87	09:15	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T4425-3	25	27874	05/13/87	09:47	<11	<0.083	<0.083	<0.056	<0.046	0.188	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	20	27874	05/13/87	09:47	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	NA	<6.10	<11.0	<14.0		<17.0
T44GMS3	21	33002	05/05/87	08:21	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T44RR3	17	33002	06/02/87	14:41	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44WW3	108	33002	05/05/87	08:21	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T44GMS3	22	33063	05/06/87	14:24	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	<6.10	<11.0	<14.0		<17.0
T44WW3	32	33063	05/06/87	14:24	<11	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	<1.35	<1.59	<1.08	<1.14	<1.98
T44GMS3	23	35016	05/06/87	15:16	3600	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	14.7	160	<14.0		<17.0
T441S3	23	35016	05/06/87	15:16	5400	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	16.9	183	1.25	3.56	<1.98
T44GMS3	25	35066	05/12/87	07:47	1400	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44GMS3	26	36084	05/12/87	10:20	5400	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	44.6	346	<14.0		<17.0
T441S3	30	36084	05/12/87	10:20	12000	<2.00	<2.00	<1.40	<1.15	<1.38	<1.50	<1.48	<1.16	68.6	498	<1.08	5.27	<1.98
T44GMS3	27	36090	05/06/87	13:51	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<3.00	1230	1060	<14.0		<17.0
T441S3	31	36090	05/06/87	13:51	13	<0.083	<0.083	<0.056	<0.046	<0.055	<0.060	<0.059	<1.16	1170	1110	8.46	14.6	<1.98

SAMPLE LIST T4PAUL

TARGET CODE:					81596	34030	34010	34371	98553	98554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:					R8	W8	W8	W8	W8	W8	Y8	Y8	Y8	Y8	Y8	Y8	Y8	Y8
PARAMETER:					MIBK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	ORP-XYL	METHYLCL	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
LD.GRP.	#	SAMPLE ID	DATE	TIME														
T44GMS3	1	81008	05/05/87	10:13	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	6.57	<1.00	<1.00	<2.00
T44ISS3	1	81008	05/05/87	10:13	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	4.29	<0.610	<1.70	<2.40
T44RR3	1	81008	06/02/87	00:51	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	6.93	<0.610	<1.70	<2.40
T44GW3	7	82008	05/05/87	13:19	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	2	82008	05/05/87	13:19	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T44RR3	3	82008	06/02/87	00:58	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	3	84009	05/06/87	07:36	<2.00	3.40	7.23	28.6	62.3	67.4	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T44WW3	9	84009	05/06/87	07:36	<12.9	3.05	5.20	13.7	45.1	53.4	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	4	89002	05/05/87	14:16	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T44RR3	12	89002	06/03/87	09:55	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44WW3	106	89002	05/05/87	14:16	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	5	22051	05/13/87	07:52	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	1.66	<1.00	<1.00	<1.50
T4425-3	5	23004	05/13/87	10:08	<12.9	<134	<121	<128	<135	<247	<500	<110	<120	<120	7330	<61.0	<170	<240
T44GMS3	6	23004	05/13/87	10:08	<2.00	10.3	<1.00	<1.00	<1.00	<2.00	34.0		<2.00	<1.20	>150	54.3	<1.00	<1.50
T4425-3	6	23029	05/13/87	11:44	<12.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
T44GMS3	7	23029	05/13/87	11:44	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA
T4425-3	11	23189	05/14/87	00:36	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	8	23189	05/14/87	00:36	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	1.11	<1.00	<1.00	<1.50
T44GMS3	9	23193	05/14/87	00:28	<2.00	3.36	<1.00	<1.00	<1.00	2.50	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T44ISS3	9	23193	05/14/87	00:28	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T4425-3	15	24092	05/18/87	08:42	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	10	24092	05/18/87	08:42	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T4425-3	16	24106	05/18/87	13:35	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	11	24106	05/18/87	13:35	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T4425-3	18	24111	05/14/87	13:55	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	1.58	<0.610	<1.70	<2.40
T44GMS3	12	24111	05/14/87	13:55	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	1.21	<1.00	<1.00	<1.50
T4425-3	19	24113	05/18/87	10:46	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	13	24113	05/18/87	10:46	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T4425-3	20	24120	05/19/87	13:43	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	14	24120	05/19/87	13:43	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T4425-3	22	24127	05/12/87	14:33	<12.9	2.15	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	104	4.25	<1.70	<2.40
T44GMS3	15	24127	05/12/87	14:43	<2.00	2.09	<1.00	<1.00	<1.00	<2.00	7.23		<2.00	<1.20	139	8.12	<1.00	<1.50
T4425-3	24	27049	05/12/87	15:12	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	19.4	<0.610	<1.70	<2.40
T44GMS3	17	27049	05/12/87	15:12	<2.00	1.13	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	26.3	<1.00	<1.00	<1.50
T44GW3	64	27055	05/08/87	09:15	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	19	27055	05/08/87	09:15	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T4425-3	25	27074	05/13/87	09:47	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	27.0	<0.610	<1.70	<2.40
T44GMS3	20	27074	05/13/87	09:47	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA
T44GMS3	21	33002	05/05/87	00:21	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T44RR3	17	33002	06/02/87	14:41	<12.9	8.23	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44WW3	108	33002	05/05/87	00:21	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	22	33063	05/06/87	14:24	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	1.38	<1.00	<1.00	<2.00
T44WW3	32	33063	05/06/87	14:24	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	23	35016	05/06/87	15:16	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	<2.00	<1.00	<1.00	<1.00	<2.00
T44ISS3	23	35016	05/06/87	15:16	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.616	<1.70	<2.40
T44GMS3	25	35066	05/12/87	07:47	<2.00	2.80	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	2.34	<1.00	<1.00	<1.50
T44GMS3	26	36084	05/12/87	10:20	<2.00	7.68	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	74.5	37.1	19.1	<1.00	<1.50
T44ISS3	30	36084	05/12/87	10:20	<12.9	8.47	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	56.7	34.5	11.9	<1.70	<2.40
T44GMS3	27	36090	05/06/87	13:51	<2.00	<1.00	<1.00	<1.00	<1.00	<2.00	<5.00		<2.00	13.6	4.56	>158	<1.00	<2.00
T44ISS3	31	36090	05/06/87	13:51	<12.9	<1.34	<1.21	2.84	<1.35	<2.47	<5.00	<1.10	<1.20	14.9	3.99	265	<1.70	<2.40

SAMPLE LIST T[illegible]

STORET CODE:					99133	99133	99133	77905	77905	77905
METHOD CODE:					GB	BBB	MB	RB	BBB	MB
PARAMETER:					DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME						
T44GMS3	1	01000	05/05/87	10:13		<15	<4.0		<4.7	<2.0
T44ISS3	1	01000	05/05/87	10:13	<0.130			<9.31		
T44RR3	1	01000	06/02/87	08:51	<0.130			<9.31		
T44CW3	7	02000	05/05/87	13:19	<0.130			<9.31		
T44GMS3	2	02000	05/05/87	13:19		<15	<4.0		<4.7	<2.0
T44RR3	3	02000	06/02/87	08:58	<0.130			<9.31		
T44GMS3	3	04009	05/06/87	07:36		<15	<4.0		<4.7	<2.0
T44WW3	9	04009	05/06/87	07:36	<0.130			<9.31		
T44GMS3	4	09002	05/05/87	14:16		<15	<4.9		<4.7	<2.0
T44RR3	12	09002	06/03/87	09:55	<0.130			<9.31		
T44WW3	106	09002	05/05/87	14:16	<0.130			<9.31		
T44GMS3	5	22051	05/13/87	07:52		<15	<3.8		<4.7	<1.1
T4425-3	5	23004	05/13/87	10:08	1.42			414		
T44GMS3	6	23004	05/13/87	10:08		<15	<3.8		720	>170
T4425-3	6	23029	05/13/87	11:44	<0.130			<9.31		
T44GMS3	7	23029	05/13/87	11:44		<15	NA		<4.7	NA
T4425-3	11	23109	05/14/87	08:36	<0.130			<9.31		
T44GMS3	8	23109	05/14/87	08:36		<15	<3.8		<4.7	2.0
T44GMS3	9	23193	05/14/87	08:28		NA	<3.8		NA	<1.1
T44ISS3	9	23193	05/14/87	08:28	<0.130			<9.31		
T4425-3	15	24092	05/18/87	08:42	<0.130			<9.31		
T44GMS3	10	24092	05/18/87	08:42		<15	<3.8		<4.7	<1.1
T4425-3	16	24106	05/18/87	13:35	<0.130			<9.31		
T44GMS3	11	24106	05/18/87	13:35		<15	<3.8		<4.7	<1.1
T4425-3	18	24111	05/14/87	13:55	<0.130			<9.31		
T44GMS3	12	24111	05/14/87	13:55		<15	<3.8		<4.7	<1.1
T4425-3	19	24113	05/18/87	10:46	<0.130			<9.31		
T44GMS3	13	24113	05/18/87	10:46		<15	<3.8		<4.7	<1.1
T4425-3	20	24120	05/19/87	13:43	<0.130			<21.6		
T44GMS3	14	24120	05/19/87	13:43		<15	<3.8		<4.7	<1.1
T4425-3	22	24127	05/12/87	14:33	3.64			169		
T44GMS3	15	24127	05/12/87	14:43		<15	<3.8		190	>170
T4425-3	24	27049	05/12/87	15:12	<0.130			<9.31		
T44GMS3	17	27049	05/12/87	15:12		<15	<3.8		<4.7	1.2
T44CW3	64	27055	05/08/87	09:15	<0.130			<9.31		
T44GMS3	19	27055	05/08/87	09:15		<15	<3.8		<4.7	<1.1
T4425-3	25	27074	05/13/87	09:47	<0.130			<9.31		
T44GMS3	20	27074	05/13/87	09:47		<15	NA		<4.7	NA
T44GMS3	21	33002	05/05/87	08:21		<15	<4.0		<4.7	<2.0
T44RR3	17	33002	06/02/87	14:41	<0.130			<9.31		
T44WW3	108	33002	05/05/87	08:21	<0.130			<9.31		
T44GMS3	22	33063	05/06/87	14:24		<15	<4.0		<4.7	<2.0
T44WW3	32	33063	05/06/87	14:24	3.21			<9.31		
T44GMS3	23	35016	05/06/87	15:16		<15	<4.0		<4.7	<2.0
T44ISS3	23	35016	05/06/87	15:16	<0.130			<9.31		
T44GMS3	25	35066	05/12/87	07:47		<15	<3.8		<4.7	<1.1
T44GMS3	26	36084	05/12/87	10:20		<15	<3.8		<4.7	<1.1
T44ISS3	30	36084	05/12/87	10:20	<0.130			<9.31		
T44GMS3	27	36090	05/06/87	13:51		<15	<4.0		<4.7	<2.0
T44ISS3	31	36090	05/06/87	13:51	<0.130			<9.31		

STORET CODE:					34511	34475	34301
METHOD CODE:					Y8	Y8	Y8
PARAMETER:					112TCE	TCLEE	CLC6H5
UNITS:					UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME			
T44GMS3	1	01008	05/05/87	10:13	<1.00	<1.00	<2.00
T441S3	1	01008	05/05/87	10:13	<1.00	<1.30	<0.500
T44RR3	1	01008	06/02/87	08:51	<1.00	<1.30	<0.500
T44CM3	7	02008	05/05/87	13:19	<1.00	<1.30	<0.500
T44GMS3	2	02008	05/05/87	13:19	<1.00	<1.00	<2.00
T44RR3	3	02008	06/02/87	08:58	<1.00	<1.30	<0.500
T44GMS3	3	04009	05/06/87	07:36	<1.00	<1.00	<2.00
T44WW3	9	04009	05/06/87	07:36	<1.00	<1.30	<0.500
T44GMS3	4	09002	05/05/87	14:16	<1.00	1.65	<2.00
T44RR3	12	09002	06/03/87	09:55	<1.00	1.59	<0.500
T44WW3	106	09002	05/05/87	14:16	<1.00	1.93	<0.500
T44GMS3	5	22051	05/13/87	07:52	<1.00	<1.00	<2.10
T4425-3	5	23004	05/13/87	10:08	<100	<130	<50.0
T44GMS3	6	23004	05/13/87	10:08	<1.00	36.9	<2.10
T4425-3	6	23029	05/13/87	11:44	NA	NA	NA
T44GMS3	7	23029	05/13/87	11:44	NA	NA	NA
T4425-3	11	23189	05/14/87	08:36	<1.00	<1.30	<0.500
T44GMS3	8	23189	05/14/87	08:36	<1.00	<1.00	<2.10
T44GMS3	9	23193	05/14/87	08:28	<1.00	<1.00	<2.10
T441S3	9	23193	05/14/87	08:28	<1.00	<1.30	<0.500
T4425-3	15	24092	05/18/87	08:42	<1.00	<1.30	<0.500
T44GMS3	10	24092	05/18/87	08:42	<1.00	<1.00	<2.10
T4425-3	16	24106	05/18/87	13:35	<1.00	<1.30	<0.500
T44GMS3	11	24106	05/18/87	13:35	<1.00	<1.00	<2.10
T4425-3	18	24111	05/14/87	13:55	<1.00	<1.30	<0.500
T44GMS3	12	24111	05/14/87	13:55	<1.00	<1.00	<2.10
T4425-3	19	24113	05/18/87	10:46	<1.00	<1.30	<0.500
T44GMS3	13	24113	05/18/87	10:46	<1.00	<1.00	<2.10
T4425-3	20	24120	05/19/87	13:43	<1.00	<1.30	<0.500
T44GMS3	14	24120	05/19/87	13:43	<1.00	<1.00	<2.10
T4425-3	22	24127	05/12/87	14:33	<1.00	70.1	<0.500
T44GMS3	15	24127	05/12/87	14:43	<1.00	84.6	<2.10
T4425-3	24	27049	05/12/87	15:12	<1.00	<1.30	<0.500
T44GMS3	17	27049	05/12/87	15:12	<1.00	<1.00	<2.10
T44CM3	64	27055	05/08/87	09:15	<1.00	<1.30	<0.500
T44GMS3	19	27055	05/08/87	09:15	<1.00	<1.00	<2.10
T4425-3	25	27074	05/13/87	09:47	<1.00	<1.30	<0.500
T44GMS3	20	27074	05/13/87	09:47	NA	NA	NA
T44GMS3	21	33002	05/05/87	08:21	<1.00	<1.00	<2.00
T44RR3	17	33002	06/02/87	14:41	<1.00	<1.30	32.7
T44WW3	108	33002	05/05/87	08:21	<1.00	<1.30	<0.500
T44GMS3	22	33063	05/06/87	14:24	<1.00	<1.00	<2.00
T44WW3	32	33063	05/06/87	14:24	<1.00	<1.30	<0.500
T44GMS3	23	35016	05/06/87	15:16	<1.00	<1.00	6.00
T441S3	23	35016	05/06/87	15:16	<1.00	<1.30	19.5
T44GMS3	25	35066	05/12/87	07:47	<1.00	<1.00	<2.10
T44GMS3	26	36084	05/12/87	10:20	21.0	7.51	5.38
T441S3	30	36084	05/12/87	10:20	36.0	8.76	4.71
T44GMS3	27	36090	05/06/87	13:51	2.43	18.9	39.5
T441S3	31	36090	05/06/87	13:51	4.47	23.6	55.9

STORET CODE:				96551	34386	39330	39430	39320	39380	39390	39300	81580	98564	98563	98562	81512	98561
METHOD CODE:				B88	SB	SB	SB	SB	SB	SB	SB	UB	UB	UB	UB	UB	UB
PARAMETER:				DIMP	HCCPD	ALDRIN	ISODRIN	P,P'-DDE	DIELDRIN	ENDRIN	P,P'-DDT	DMDS	1,4-OXAT	1,4-DITH	CPMS	BTZ	CPMSO
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T44CM3	92	36110	05/11/87 15:42	<11	<0.083	<0.083	<0.056	<0.046	>0.050	<0.060	<0.059	<1.16	<1.35	<1.59	<1.00	<1.14	<1.90
T44GMS3	28	36110	05/11/87 15:42	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44CM3	97	36139	05/11/87 14:39	420	<0.415	<0.415	<0.280	<0.230	<0.275	<0.300	<0.295	<1.16	58.9	302	3.79	6.79	<1.90
T44GMS3	29	36139	05/11/87 14:39	170	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	44.9	241	<14.0		<17.0
T44GMS3	41	37309	07/08/87 08:56	588	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		15.7
T44OP3	4	37309	06/16/87 09:45	830	<0.700	<0.700	<0.600	<0.530	<0.600	<0.520	<0.700	<1.80	<2.00	6.48	<1.30	<2.00	27.1
T44GMS3	42	37332	07/08/87 08:05	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.50	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44OP3	9	37332	06/18/87 08:29	<11	<0.070	<0.070	<0.060	<0.053	0.711	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30	<2.00	<4.20
T44GMS3	43	37333	07/09/87 07:20	<5.7	<11.0	<4.73	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44OP3	10	37333	06/18/87 09:39	<11	<0.070	<0.070	<0.060	<0.053	0.205	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30	<2.00	<4.20
T44GMS3	44	37344	07/06/87 11:15	560	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		53.0
T44GMS3	45	37359	07/08/87 09:45	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0
T44OP3	33	37359	06/17/87 10:25	<11	<0.070	<0.070	<0.060	<0.053	<0.060	<0.052	<0.070	<1.80	<2.00	<1.10	<1.30	<2.00	<4.20
T44GMS3	46	C111	07/08/87 09:55	<5.7	<11.0	<4.70	<5.90	<4.70	<4.70	<7.60	<10.0	<2.50	<6.10	<11.0	<14.0		<17.0

SAMPLE LIST TOPAUL

STORET CODE:				81596	34030	34010	34371	90553	90554	34423	34501	34496	34546	32106	34531	34506	32102
METHOD CODE:				R8	W8	W8	W8	W8	W8	Y8	Y8	Y8	Y8	Y8	Y8	Y8	Y8
PARAMETER:				MIBK	BENZENE	TOLUEN	ETHYLBENZ	M-XYL	O&P-XYL	METHYLCL	11DCE	11DCLE	T12DCE	CHCL3	12DCLE	111TCE	CCL4
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME														
T44CW3	92	36110	05/11/87 15:42	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	91.6	2.61	<1.70	<2.40
T44GMS3	28	36110	05/11/87 15:42	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	<1.00	<1.50
T44CW3	97	36139	05/11/87 14:39	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	25.4	20.4	<1.70	<2.40
T44GMS3	29	36139	05/11/87 14:39	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	4.28	27.6	<1.00	<1.50
T44GMS3	41	37309	07/08/87 08:56	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	6.25	<1.00	<1.50
T44OP3	4	37309	06/16/87 09:45	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	6.27	<1.70	<2.40
T44GMS3	42	37332	07/08/87 08:05	<2.00	1.75	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	2.78	<1.00	<1.00	<1.50
T44OP3	9	37332	06/18/87 08:29	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	<1.40	<0.610	<1.70	<2.40
T44GMS3	43	37333	07/09/87 07:20	<2.00	48.0	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	16.7	<1.00	<1.00	<1.50
T44OP3	10	37333	06/18/87 09:39	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	<1.20	<1.20	13.5	<0.610	<1.70	<2.40
T44GMS3	44	37344	07/08/87 11:15	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	>160	3.93	<1.00	9.30
T44GMS3	45	37359	07/08/87 09:45	<2.00	2.89	<1.00	<1.00	<1.00	<2.00	<4.00		2.58	<1.20	<1.00	<1.00	2.86	<1.50
T44OP3	33	37359	06/17/87 10:25	<12.9	<1.34	<1.21	<1.28	<1.35	<2.47	<5.00	<1.10	2.31	1.26	<1.40	<0.610	3.70	<2.40
T44GMS3	46	CIII	07/08/87 09:55	<2.00	<1.10	<1.00	<1.00	<1.00	<2.00	<4.00		<2.00	<1.20	<1.00	<1.00	1.06	<1.50

SAMPLE LIST T<-AUL

STORET CODE:				99133	99133	99133	77985	77985	77985
METHOD CODE:				08	BE8	R8	R8	888	R8
PARAMETER:				DBCP	DBCP	DBCP	DCPD	DCPD	DCPD
UNITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE TIME						
T44CM3	92	36110	05/11/87 15:42	<0.130			<9.31		
T44GMS3	28	36110	05/11/87 15:42		<15	<3.8		<4.7	<1.1
T44CM3	97	36139	05/11/87 14:39	<0.130			<9.31		
T44GMS3	29	36139	05/11/87 14:39		<15	<3.8		<4.7	<1.1
T44GMS3	41	37309	07/08/87 08:56		<15	<3.8		840	>170
T44OP3	4	37309	06/16/87 09:45	0.176			475		
T44GMS3	42	37332	07/08/87 00:05		<15	<3.8		<4.7	<1.1
T44OP3	9	37332	06/18/87 00:29	<0.130			<9.31		
T44GMS3	43	37333	07/09/87 07:20		<15	<3.8		<4.7	<1.1
T44OP3	10	37333	06/18/87 09:39	<0.130			<9.31		
T44GMS3	44	37344	07/08/87 11:15		<15	12		<4.7	43
T44GMS3	45	37359	07/08/87 09:45		<15	<3.8		<4.7	1.8
T44OP3	33	37359	06/17/87 10:25	<0.130			<9.31		
T44GMS3	46	CIII	07/08/87 09:55		<15	<3.8		<4.7	<1.1

SAMPLE LIST T4PAUL

STORET CODE:					34511	34475	34301
METHOD CODE:					Y8	Y8	Y8
PARAMETER:					112TCE	TCLEE	CLC6H5
UNITS:					UG/L	UG/L	UG/L
FLD_GRP.	#	SAMPLE ID	DATE	TIME			
T44CM3	92	36110	05/11/87	15:42	<1.00	<1.30	<0.500
T44GMS3	28	36110	05/11/87	15:42	<1.00	<1.00	<2.10
T44CM3	97	36139	05/11/87	14:39	<1.00	<1.30	<0.500
T44GMS3	29	36139	05/11/87	14:39	<1.00	<1.00	<2.10
T44GMS3	41	37309	07/08/87	08:56	<1.00	73.5	<2.10
T44OP3	4	37309	06/16/87	09:45	<1.00	45.4	<0.500
T44GMS3	42	37332	07/08/87	08:05	<1.00	<1.00	6.64
T44OP3	9	37332	06/18/87	08:29	<1.00	<1.30	<0.500
T44GMS3	43	37333	07/09/87	07:20	<1.00	<1.00	<2.10
T44OP3	10	37333	06/18/87	09:39	<1.00	<1.30	<0.500
T44GMS3	44	37344	07/08/87	11:15	<1.00	116	3.89
T44GMS3	45	37359	07/08/87	09:45	<1.00	3.17	10.8
T44OP3	33	37359	06/17/87	10:25	<1.00	3.95	<0.500
T44GMS3	46	C111	07/08/87	09:55	<1.00	1.74	<2.10

GC/MS DATA FOR TENTATIVELY IDENTIFIED COMPOUNDS

Non-target analytes	01008	01012	01014	01020	02006	02019	02026	02030	02034	I 02035	I 02035	02037	02038	02039	03505	03523	04007	04009	04014	04021	04027	04030	04033	06005	07001
ANALYTES WITH 10 OR MORE OCCURRENCES																									
1,1,2,2-tetrachloroethane		7.41		5.33					10.6	17.6					14.4				16	6.44					
1,1,2-trichloroethane									7.34	9.64		7.83			7.59										
2,6,10,14-tetramethylhexadecane								55.1																	
2,6,10-trimethyl pentadecane								45																	
bis(2-ethylhexyl) phthalate								16.9																	
caprolactam	350								219		73.9			165					740	1120	666		5.75		
chlorobenzene				54.6																					
cyclopentanone						19.8																16.6			
hexadecanoic acid								89.2		6.76			8.47												
n-eicosane				15.7		335		76.3							109										
n-heneicosane						111		32.6							32.4										
n-heptadecane				38.2		1250		152		11.3					672										
n-hexadecane				19.4		706		96.4		37.9					328										
n-nonadecane		14.4		13.9		731		117		8.45					305										
n-pentadecane						210		27.2							114										
n-tetradecane						43									27.7										
octadecane						1630		125							517										
octadecanoic acid										14.8															
tetrachloroethene																									
THF (tetrahydrofuran)		28.7																							
ANALYTES WITH LESS THAN 10 OCCURRENCES																									
1,1-bisethylthioethane																									
1,2,3,4,5,7,7-heptachloronorbornene																									
1,2-dichloroethane																									
1,2-dichloroethene				13																					
1,2-dichloropropene				33.4																					
1,3 cyclopentadiene																									
1,3,5-dioxathiolane																									
1,3-dithiolane				8.13																					
1,3-dithiolane-2-thione																									
1,4-cyclooctadiene			2400																						
1,4-dithian																									
1,4-dithiane																									
1-propanone									19.6																
1-(4-hydroxy-3-methoxyphenyl)ethanone																									
2 propanone								49																	
2,2,2-trichloroethanol																									
2,3-dichloro-2-methylbenzyl alcohol																									
2,4-imidazolidinedione																									
2,6,10,14-tetramethylhexadecane		11.4																							
2,6,10,14-tetramethylpentadecane		30																							
2,6,10,14-tetramethylheradiene																									
2,6,10,14-tetramethylpentadecane								52.1																	
2,6,10,14-tetramethylpentadiene																									
2-cyclopenten-1-one																									

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	01308	01012	01014	01020	02006	02019	02020	02030	02034	I 02035	II 02035	02037	02038	02039	03005	03523	04007	04009	04010	04021	04027	04034	04035	04041
2-methylcyclopentanone																								
2-methyl-2,4-pentanol																								
2-propanol																								
2-(4-methyl-2-furyl)-2-cyclopenten-1-one																								
3,3,5-trimethylcyclohexanon																								
3,5-dimethyl-1,2,4-trithiolane																								
3-methylhexane																								
3-methyl-1,3,5-hexatriene			7706																					
4-hydroxy-4-methyl-2-pentanone																								
6-oxatricyclo[3,2,2,0,2,6]-octan-7-ol																								
acetophenone																								
azidobenzene																								
benzaldehyde																								
benzothiazole																								
bicyclodihydropentamylene			155v																					
bicyclo[3,2,1]hept-2-en-1-ol																								
biphenyl-ol																								
butyl octadecanoate																								
butylglycolacetate																								
butyltetradecanoate													15.4											
cholestane								6.1																
chloromethyl phenol																								
chloro-methyl sulfonylamide																								
cholest-3-ene																								
CPHS isomer																								
cyclohexanone																								
cyclopenten-1-one																								
decanoic acid						25.9		18.3																
dehydropyran																								
dichlorobenzene				144																				
diheptylphthalate		16.7																						
dihydroxymethylbenzoate																								
dimethoxymethane																								
dimethylphthalate																								
dimethylsulfide																								
dimethyltrithiolane																								
diphenyl ether																								
DMDF																								
docosane						45.2									15.4									
docosanamide																								
dodecanoic acid								4.7					3.11											
ethylbenzene			268v															15.5						
hexachlorobicyclohexene																								
heptachlorobicyclo[2,2,1]hept-2-ene																								
heptachloro-bicyclo[2,2,1]heptane																								
hexanone																								
hexachlorocyclo[2,2,1]hepta-2-ene																								
hexachlorooctachlene																								

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	01006	01012	01014	01026	02008	02019	02024	02030	02034	02035 I	02035 I	02037	02038	02039	03065	03523	04007	04009	04014	04021	04027	04030	04033	06005	07001
hexadecanamide																									
hexanoic acid								6.82																	
hexanol																									
hexanone																									
isooctyl octadecanoate													18.2												
isooctylbenzene																									
isopropylbenzene																									
limonene																									
methoxybenzaldehyde																									
methyl ester of dihydroxybenzoic acid																									
methyl octane																									
methylbenzylamine																									
methylethylbenzene			750																						
methylnapthalene			6050															33.6							
methylsulfurylbenzene																									
methylthio-1-butanone																									
methyltricyclo(3,2,1.0,2,7)oct-3-ene-5-carboxylate																6.32									
methyl-2,4-pentanediol																									
n-octha-4,6-diene																									
n methyl lutidon				10.4																					
naphthalene			1520																						
nonanal																									
nonane																									
n,n-dibutylacetamide																									
n,n-dimethylbenzylamine																									
n-nonylacetamide																									
n-octylmethanamide ?								6.5																	
n-nitrosodipropylamide																									
n-n'-bis (1-methylethyl) urea																									
n-propylpropanine																									
n-tridecane																									
octadecanamide														21.5											
octadecanenitrile?																									
octanoic acid														11.4											
pentachlorophenol																									
phenol																									
pentanethiol acid																									
propanoic acid																									
propanedinitryl																									
propanil																									
propanoic acid																									
propylbenzene																		47.1							
pyridine																									
p-isopropylbenzaldehyde																									
silicone																									
sulfur																									
tetrachlorobenzene																									
tetrachlorophenol																									

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	01068	01012	01014	01026	02008	02019	02020	02030	02034	I 02035	II 02035	02037	02038	02039	03005	03523	04007	04009	04614	04021	04027	04036	04033	04005	07001
tetrachlorotoluene																									
tetracycloheptane																									
tetradecanoic acid								61.4																	
tetradecanol																									
thiophene																									
toluene			3630																						
trichlorobenzene																									
tricyclo[2,2,1.02,6]-heptan-3-ol																									
triethyl ester of phosphoric acid																									
triethylphosphate																									
trimethyl ester of phosphorothioic acid																									
trimethylbenzene																									
trimethylcycloheptane																		16.4							
xylene																									
xylene 527			5000																						
xylene 530			1000																						
[illegible]																									
2-methyl, 1-(1,1-dimethylethyl)-2-methyl-1,3-propanediyl propionate	9					7												100							
ethyl, methyl benzene																		51							
ethyl dimethyl benzene																		21.2							
oxacyclohexylethanol																									
hexylmonopropylurea																									
oxatricyclooctanone																									
2,6-1-butyl-4-methyl phenol																									
trichlorocyclopentene																									
5-ethyl-5-sec.amyl-2,8,6[11b,3b,5a]-pyrimidinetrione																									
5-methyl-1,3-oxathiane																									
	165	2	6	10	11	1	11	6	13	4	7	1	1	8	3	11	1	9	7	2	2	1	1	1	9	9
General groups of compounds																									
alkene																									
635		28.1		12.1		29.1					12.1		10.8	36.2											
aliphatic hydrocarbon																									
alkane																									
chlorinated compound																									
640		27.3		6.39							1.01		5.65	35.5											
sulfur compound																									
650		19.6		6.91							3.97		6.95	32.9											
655		33.9		12							19.5		11.2	57.8											
alkene or alcohol																									
632				6.34							6.69		5.68	18.8											
alkane or alkene																									

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	01068	01012	01014	01020	02008	02019	02020	02030	02034	I 02035	I 02035	02037	02038	02039	03005	03523	01067	u0609	04014	04021	04023	04030	04033	06005	u7601
643		77.5		22.9									56.2												
671		12.6								5.6		6.49	19.8												
651		7.83											13.6												
636																				1.45					
bicyclo compound			x																						
654																									
amide																									
648													6.63												
chlorohydrocarbon																									
665																									
649																									
bicyclo or tricyclo compound																									
alicyclic compound			x																						
631													6.81												
alcohol or unsaturated fatty acid													x												
sicosol																									
663																									
647																									
664																									
alkyne																									
acid or alcohol																									
637																									
646																									
638																									
aliphatic cyclic compound																									
phthalate																									
	36	6	5	2	8	0	2	0	3	0	6	0	6	12	0	1	0	0	0	0	1	0	0	0	0	0

m-a-target analytes	05662	69x05	11002	22021	22026	22051	22059	22066	23004	23029	23095	23-191	23-192	23125	23182	23197	I 23159	I 23179	23162	2318a	23165	23168	23120	24032	24040
ANALYTES WITH 10 OR MORE OCCURRENCES																									
1,1,2,2-tetrachloroethane							39.1					16.7			13.6		22.2	25.9			16.2	1u.4	7.31		
1,1,2-trichloroethane							26.8					10.7			7.39		6.52	17.6			8.36				
2,6,10,14-tetramethylheptadecane													15.9				14.7				12.7	43.7			
2,6,10-trimethyl pentadecane				331	5au										73	65.7	35.5					12.5	74		
bis(2-ethylhexyl) phthalate						19.9											7.46				10.8		92.9		
caprolactam	335						451	28.6				263	19.9					159u							13.6
chlorobenzene															15.2		4u.5					1u.4			
cyclopentanone				14.6	26.9												63.3								
hexadecanoic acid																									
n-eicosane				129	358								14.6		33.1	55.8	18.7					32	59.9		
n-heneicosane				38.5	1u3										12	19.5	7.9				11.7	11.7	1u.u		
n-heptadecane				532	1750							5u.2	4y.1		157	259	133				3u.3	137	267		
n-hexadecane				342	1uuu							23.2	26.1		46.1	154	85.8					7y.7	1uu		
n-nonadecane				247	76u							27.3	45		7u.y	1u2	62.7				21.1	72.4	15u		
n-pentadecane				114	5u4								7.58		4u.4	47.5						33.1	4u.u		
n-tetradecane				3u.6	12u										1u.6	21.3							6.15		
octadecane				1uz	162u							2y.2	36		134	257						46.y	225		
octadecanoic acid																									
tetrachloroethene									11.2		29.4						17.7	4u.2							
THF (tetrahydrofuran)														9.7											
ANALYTES WITH LESS THAN 10 OCCURRENCES																									
1,1-dimethylthiolethane																									
1,2,3,4,5,7,7-heptachloronorbornene																									
1,2-dichloroethane																									
1,2-dichloroethene																									
1,2-dichloropropene																									
1,3 cyclopentadiene																									
1,3,6-dioxathiocane																									
1,3-dithiolane																									
1,3-dithiolane-2-thione																									
1,4-cyclooctadiene																									
1,4-dithian																						1u.5			
1,4-dithiane																									
1-propanol																									
1-(4-hydroxy-3-methoxyphenyl)ethanone																									
2 propanone																									
2,2,2-trichloroethanol																									
2,3-dichloro-2-methylbenzyl alcohol																									
2,4-isobenzofurandione																									
2,6,10,14-tetramethylhexadecane				111								24.7													
2,6,10,14-tetramethylpentadecane																									
2,6,10,14-tetramethylheptadecane													17.9												
2,6,10,14-tetramethylpentadecane																									
2-cyclohexen-1-one																									

Non-target analytes	09002	09005	11002	22021	22024	22051	22059	22060	23004	23029	23095	23-151	23-152	23125	23142	23177	I 23179	I 23179	23182	23183	23185	23188	24052	24106
2-methylcyclopentanone																								
2-methyl-2,4-pentanol																								
2-propanol																								
2-(4-methyl-2-furyl)-2-cyclopenten-1-one																	102							
3,3,5-trimethylcyclohexanon																								
3,5-dimethyl-1,2,4-trithiolane																								
3-methylhexane																								
3-methyl-1,3,5-hexatriene																								
4-hydroxy-4-methyl-2-pentanone																								
6-oxatricyclo[3.2.2.0,2.8]-octan-7-ol																	16.7	30.5						
acetophenone																								
azidobenzene																								
benzamide																								
benzothiazole																								
bicyclo[3]hyeropentadiene																								
bicyclo[2.2.1]hept-2-en-7-ol																								
biphenyl-ol				6.15	47.1																			
butyl octadecanoate																								
butylglycolacetate																								
butyltetradecanoate																								
chlorofera																								
chloromethyl phenol																								
chloro-methyl sulfacylamide																								
cholest-3-ene																								
CPMS isomer																								
cyclohexanone																								
cyclopenten-1-one																								
decanoic acid					14.8																			
dehydropyran																								
dichlorobenzene																								
diheptylphthalate																								
dihydroxymethylbenzoate																	20.3							
dimethoxybutanone																								
dimethylphthalate															46.4					5.88				
dimethylsulfide																								
dimethyltrithiolane																								
diphenyl ether																								
DMP																								
docosane					24.											7.69	31						7.31	
dodecanamide																								
dodecanoic acid																							41.3	
ethylbenzene																								
heptachlorobicycloheptene									46.7															
heptachloronicyclo[2.2.1]hept-2-ene											35.3							19						
heptachloro-nicyclo[2.2.1]heptane																								
heptanone																								
hexachloronicyclo[2.2.1]hepta-2-ene																								
hexachlorocantadiene											8.4						33.6	19.1						

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	03002	05005	11002	22021	22624	22051	22053	22060	23004	23025	23055	23-191	23-192	23125	23142	23172	I 23179	I 23179	23182	23183	23185	23186	23190	26092	24106
hexadecanamide																									
hexanoic acid																									
hexanol																									
hexanone																									
isobutyl octadecanoate																									
isobutylbenzene																		699							
isopropylbenzene																									
limonene					8.55																				
methoxybenzaldehyde																									
methyl ester of dihydroxybenzoic acid																									
methyl octane																									
methylbenzylamine											51														
methylethylbenzene																									
methylnaphalene																									
methylsulfurylbenzene									17.6								20.3								
methylthio-1-butanone																									
methyltricyclo(3,2,1.0,2,7]oct-3-ene-3-c																									
methyl-2,4-pentanediol																									
n-menths-4,8-diene																									
n methyl lutidon																									
naphalene																									
nonanal					12.9																				
nonane																									
n,n-dibutylacetamide																									
n,n-diethylbenzylamine																									
n-benzylacetamide																						9.44			
n-methylmethanamide ?																									
n-nitrosodipropylamide																									
n-n'-bis (1-methylethyl] urea																									
n-propylpropanine																									
n-tridecane				7.64	19.8																				
octanecanamide																					14.5				
octanecanethioic																									
octanoic acid																									
pentachlorophenol																									
phenol																									
propanoic acid																	8.68								
propanoic acid											21.5														
propanenitryl											38.6														
propanol																		6.4							
propanoic acid																									
propylbenzene																									
pyridine																									
p-isopropylbenzaldehyde																									
siloxane																									
sulfur																									
tetrachlorobenzene									29.5								9.21								
tetrachloromanol																									

Non-target analytes	09402	09465	11402	22021	22024	22051	22053	22060	23004	23029	23095	23-191	23-192	23125	23142	23177	I 23179	I 23179	23182	23183	23185	23188	23190	24092	24106
tetrachlorostannane											9.45														
tetracycloheptane											310														
tetradecanoic acid																									
tetradecanol																									
thiophene																									
toluene																									
trichlorobenzene																									
tricyclo[2,2,1.02,6]-heptan-3-ol																									
triethyl ester of phosphoric acid																									
triethylphosphate																									
trimethyl ester of phosphorothioic acid																									
trimethylbenzene																									
trimethylcyclohexane																									
xylene																									
xylene 527																									
xylene 530																									
"freon"																									
2-methyl, 1-(1,1-dimethylethyl)-2-methyl-1,3-propanediyl propionate																									
ethyl, methyl benzene																									
ethyl dimethyl benzene																									
dodecylcarjethanol																									
bis(isopropyl)urea									33.5																
oxatricyclooctanone									15.2																
2,6-1-butyl-4-methyl phenol																									
trichlorocyclopentene																									
5-ethyl-5-sec.amyl-2,4,6(1h,3h,5h)-pyrimidinetrione																									
5-methyl-1,3-oxathiane																									
	156	1	6	6	13	16	1	3	1	6	9	6	8	9	1	13	10	21	5	6	1	8	13	13	1	8
General gr··· ·ccumin																									
alkene					x	x							x	x			x						x	x	
635																22									
aliphatic hydrocarbon						x										x								x	
alkane													x			x						x	x	x	
chlorinated compound									20.7	7.31	x							x							
640																									
sulfur compound																									
455																									
alkene or alcohol																x									
632																									
alkane or alkene					x								x											x	

Non-target analytes	05882	09005	11002	22021	22v24	22051	22059	22060	23004	23029	23035	23-131	23-192	23125	23142	23177	I 23179	I 23[illegible]	23182	23183	23185	23188	23190	24002	24006
683																									
671																									
631																									
636																									
bicyclo compound											12.2														
654																									
amine																									
648																									
chlorohydrocarbon																									
669																									
649											8														
bicyclo or tricyclo compound																									
alicyclic compound																									
631																									
alcohol or unsaturated fatty acid																									
alcohol																									
661																									
647																									
664																							8		
alkyne																									
acid or alcohol																									
637																									
646																									
638																			8						
aliphatic cyclic compound																									
pentalene																									
	38	0	0	0	2	2	0	0	0	1	1	3	3	1	0	4	1	1	1	0	0	1	3	4	0	0

Non-target analytes	24111	24113	24127	I 24174	I 24176	25016	25023	26011	26015	26027	26028	I 26041	I 26044	26056	26073	26083	26084	26085	26086	I 26127	I 26127	26128	I 26133	I 26133	26140
ANALYTES WITH 10 OR MORE OCCURRENCES																									
1,1,2,2-tetrachloroethane					32.1																			215	7.04
1,1,2-trichloroethane																8.55									
2,6,10,14-tetramethylhexadecane																									
2,6,10-trimethyl pentadecane																				119					
bis(2-ethylhexyl) phthalate	68.3		16.1	6.9			15.6							8.79											112
caprolactam		528	188			2350		216	375	221			121	340	1560			332					106	142	
chlorobenzene														10.6											
cyclopentanone												142				6.37	8.85		12.2	8.9	5.5				
hexadecanoic acid							9.66							10.9				9.09							
n-eicosane																35.5	121		211						
n-heneicosane																32.2	80.6		91.1						
n-heptadecane												22.5				208	443		563	412					
n-hexacosane																126			368						
n-nonacosane																418	378		369						
n-pentacosane																23.3	139		74.5	42.4					
n-tetradecane																	29.5			16.8					
octacosane																205	726		581	297					
octadecanoic acid						65.6	7.69							10.5					57.1						
tetrachloroethene				21																			351		
THF (tetrahydrofuran)									53.5	26	122	23.8		12.6			17		167	7.43		218a			126
ANALYTES WITH LESS THAN 10 OCCURRENCES																									
1,1-bismethylthioethane																									
1,2,3,4,5,7,7-heptachlornorbornene				6.12								41.1													
1,2-dichloroethane																									
1,2-dichloroethene																									
1,2-dichloropropane																									
1,3 cyclopentadiene												31.8													
1,3,6-dioxathiolane																									
1,3-dithiolane																									
1,3-dithiolane-2-thione														15.6				26.8	9.66	7.32					
1,4-cyclooctadiene																									
1,4-dithian												46.4													
1,4-dithiane														122						124					
1-propanol																									
1-(4-hydroxy-3-methoxyphenol)ethanone																									
2 propanone																									
2,2,2-trichloroethanol																									
2,3-dichloro-2-methylbenzyl alcohol																							44.6		
2,4-imidazolidinedione																									
2,6,10,14-tetramethylhexadecane																									
2,6,10,14-tetramethylpentadecane																									
2,6,10,14-tetramethylheptadiene				11.5																					
2,6,10,14-tetramethylpentadecane																									
2,6,10,14-tetramethylpentadiene				9.19																					
2-cyclopenten-1-one																									

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	24111	24113	24127	24178 I	24178 K	25016	25623	26011	26015	26017	26020	26641 I	26641 K	26066	26073	26083	26084	26085	26086	26127 K	26127 I	26128	26133 I	26133 K	26140
2-methylcyclopentanone																									
2-methyl-2,4-pentanol													928												
2-propanol												237													
2-(4-methyl-2-furyl)-2-cyclopenten-1-one																									
3,3,5-trimethylcyclohexanone												195	126												
1,3-dimethyl-1,2,4-trithiolane														21.7				26.4		5.57		7.22			
3-methylhexane																									
1-methyl-1,3,5-hexatriene																									
4-hydroxy-4-methyl-2-pentanone												453	126										154	52.3	
8-oxatricyclo[2.2.2.0,2.6]-octan-7-ol																									
acetophenone																									
azidobenzene																									
benzamine																						25.7			
benzothiazene				26.2																					
bicyclodihydropentadiene																									
bicyclo[2.2.1]hept-2-en-7-ol																									
biphenyl-ol																									
butyl octanecanoate																									
butylglycolacetate														6.77	5.57										
butylhexadecanoate																									
chlorotern																									
chloromethyl phenol												377	344												
chloro-methyl sulfoxylamide																									
cholest-3-ene																52.8									
CH3 isomer																							26.5		
cyclohexanone																6.54									
cyclopenten-1-one												21.2													
decanoic acid																									
hexyrapyran																									
trichlorobenzene																									
diheptylpathalate																									
dihydroxymethylbenzoate																									
dimethoxymethane												28.3													
dimetaylpathalate																									
dimethylsulfide													5c80												
dimethyltrithiolane																									
diphenyl ether																									
[redacted]												6660	5440										310	140	
docosane																	35.6		53						
dodecanamide																									
dodecanoic acid																			56						
ethylbenzene																									
heptachloronorcycloheptene																									
heptachloronorcyclo[2.2.1]hept-2-ene																							37..	7a.4	
heptachloro-nicyclo[2.2.1]heptane																									
heptanone																									
nerschloronicyclo[2.2.1]hepta-2-ene																									
hexachlorostadiene																							14.9	9..	

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	24111	24113	24127	24178 I	24178 I	25016	25023	26011	26015	26017	26020	26031 I	26041 I	26066	26073	26083	26084	26085	26086	26127 I	26127 I	26128	26133 I	26133 I	26140
hexadecanamide						27.7																			
hexanoic acid																									
hexanol																			10.7						
hexanone																									
isobutyl octadecanoate																									
isomethylbenzene																									
isopropylbenzene																									
limonene																									
methoxybenzaldehyde																					11				
methyl ester of dihydroxybenzoic acid																								3u.1	
methyl octane																									
methylbenzylamine																									
methylethylbenzene																									
methylnaphthalene																									
methylsulfurylbenzene												195											27		
methylene-1-butanone																									
methyltricyclo[3,2,1,e,2,7]oct-3-ene-5-c																									
methyl-2,4-pentanediol												1000													
n-mentha-4,8-diene																									
n methyl lutidon																									
naphthalene																									
nonanal																									
nonane																									
n,n-dibutylacetamide																									
n,n-dimethylbenzylamine																									
n-benzylacetamide																									
n-methylmethanamide !																									
n-nitrosodipropylamide																									
n-n'-bis (1-methylethyl) urea									8.04														27.3		
n-propylpropanamine												60.7													
n-tridecane																									
octadecanamide						3u5	2u																		
octadecamethicl?																									
octanoic acid												33.3													
pentachlorophenol																									
phenol												5u1													
pimaric acid																									
propanoic acid																									
propanedioic acid																									
propanol																									
propanoic acid																									
propylbenzene																									
pyridine												15.3													
p-isopropylbenzaldehyde																									
siloxane													295												
sulfur												1u90	344									644		503	
tetrachlorobenzene																									
tetrachlorophenol																									

Non-target analytes	24181	26183	25127	I 24178	I 26178	25016	25023	26011	26015	26017	26020	I 26041	I 26041	26066	26073	26083	26084	26085	26086	I 26127	I 26127	26128	I 25133	I 26133	26140
tetrachlorostannane																									
tetracycloheptane												141													
tetradecanoic acid												32.7							113						
tetradecanol																									
thiophene														30.2											
toluene												921	464				13.2						366	173	
trichlorobenzene																									
tricyclo[2.2.1.02,6]-heptan-3-ol																							64.2	35.9	
triethyl ester of propanoic acid													304												
triethylphosphate												862													
trimethyl ester of phosphorothioic acid																							25.5		
trimethylbenzene																									
trimethylcyclohexane													216												
xylene																									
xylene 527																							53.9	25.7	
xylene 530																							46.4	28	
"freon"																									
2-methyl, 1-(1,1-dimethylethyl)-2-methyl-1,3-propanediyl propanoate																									
ethyl, methyl benzene																									
ethyl dimethyl benzene																									
dimecyclohexylethanol																									
hexisopropylidene																									
oxatricyclooctanone																									
2,6-1-butyl-4-methyl phenol																									
trichlorocyclopentene																									
5-ethyl-5-sec.amyl-2,4,6(1h,3h,5h)-pyrimidinetrione																									
5-methyl-1,3-oxathiane																									
	168	1	1	2	6	1	6	4	1	3	2	1	26	12	11	2	11	11	4	15	1w	2	4	15	12	3
General groups of compounds																									
alkene																				x	x				
635							15						15.7			6.w5	14.6		26	64.7			31.5			
aliphatic hydrocarbon																	x	x		x	x					
alkane																					x		x			x
chlorinated compound																										
644																			10.2	57.5			22.x			92.6
sulfur compound													x						x			x				
650																			8.71	28.6			14.7			7.4
655																			2.47	69.5			33			100
alkene or alcohol							x										x	x	x	x	x					
634																			11.4	55.3			10.5			42.8
alkane or alkene																					x					

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	24111	24113	24127	I 24178	I 24178	25016	25023	26011	26015	26017	26020	I 26041	I 26041	26066	26073	26083	26084	26085	26086	I 26127	I 26127	26128	I 26133	I 26133	26140
643																									
671																			55.8			33.9			24
651																						11			44.5
636						12.5							656						16.1			6.23			23.2
bicyclo compound																									
658																									
amine																									
668																									
chloropicrocarbon																									12.4
669																									
649																									
bicyclo or tricyclo compound																									
alicyclic compound																									
631																									
alcohol or unsaturated fatty acid																									13
alcohol																									
663																									
647																									16.2
664																									6.73
alkyne																									18.1
acid or alcohol																									
637																									
646																									13.6
638																									17.2
aliphatic cyclic compound																									11.5
pathiate																									
	35	0	0	0	0	0	1	0	0	0	0	0	3	0	1	2	3	2	7	10	5	1	0	0	2	15

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	Z6102	27016	27040	27049	27053	27055	27062	28025	33026	33036	33063	35012	35013	35016	35037	35038	35052	35058	35065 I	35065 I	25666	36001	36065	36076	36042
ANALYTES WITH 10 uG MORE OCCURRENCES																									
1,1,2,2-tetrachloroethane			10.8				67.1								22.8		10.4		14.3			98.2			
1,1,2-trichloroethane															15.7										
2,6,10,14-tetramethylheradecane			16.1				3a7		9.67				86.8												
2,6,10-trimethyl pentanecane			10.1				85					89	46.1												
bis(2-etaylberyl) phthalate									25.4								6.85		23.1			13.5			
caprolactan					562	8810					2240			436	302			44.7	1290	89		37.1		675	
chlorobenzene												60.1		13.8					8.46			7900		6320	
cyclopentanone			17.2					5.38																	
hexadecanoic acid								15.5									6.02							14.2	7.89
n-eicosane									10.9			115	34.1									15.3			
n-henelcosane												25.9	10.8												
n-heptadecane									30.8			437	126									50.6			
n-hexadecane												265	20			601						31.9			
n-nonadecane			16.4						21.5			193	60.8									30.8			
n-pentadecane												>0	20.2												
n-tetradecane												17.7	5.48												
octadecane									28.3			452	95												
octadecanoic acid								50.6									13.1							9.52	
tetrachloroethene																									
THF (tetrahydrofuran)	172		334					18					2.8			116				21.8					
ANALYTES WITH LESS THAN 10 uG/SAMPLES																									
1,1-bis(methylthio)ethane																						35.5			
1,2,3,4,5,7,7-heptachloronorbornene																									
1,2-dichloroethane													10.8												
1,2-dichloroethene																									
1,2-dichloropropane																									
1,3 cyclopentadiene																									
1,3,5-dioxathiolane																									
1,3-dithiolane												31.1		29.4											11.4
1,3-dithiolane-2-thione																			26.8						11.9
1,4-cyclooctadiene																									
1,4-dithian																									
1,4-dithiane												133													
1-propanol																									
1-(4-hydroxy-3-methoxyphenol)ethanone																								9.51	
2 propanone																									
2,2,2-trichloroethanol																						35.3			
2,3-dicalora-2-methylbenzyl alcanol																									
2,4-imidazolidinedione																			7.35			4			
2,6,10,14-tetramethylhexadecane																						15.1			
2,6,10,14-tetramethylpentadecane																									
2,6,10,14-tetramethylheradiene																									
2,6,10,14-tetramethylpentadecane			35.2				219																		
2,6,10,14-tetramethylpentadecene																									
2-cyclohexen-1-one									a.63																

Non-target analytes	25142	27016	27040	27049	27053	27055	27062	28025	33926	33030	33063	35012	35013	35016	35037	35038	35052	35056	I 35065	I 35065	35066	36001	36065	36076	36092
2-methylcyclopentanone																									
2-methyl-2,4-pentanol																									
2-propanol																									
2-(4-methyl-2-furyl)-2-cyclopenten-1-one																									
3,3,5-trimethylcyclohexanon																									
3,5-dimethyl-1,2,4-trithiol-ne												50.1												21.1	
3-methylhexane																						1686			
3-methyl-1,3,5-hexatriene																									
4-hydroxy-4-methyl-2-pentanone																									
4-oxatricyclo(3,2,2,0,2,6)-octan-7-ol																									
acetophenone																						142		22.2	
azidobenzene																									7.56
benzamine																									
benzothiazene																									
bicyclodihydropentadiene																									
bicyclo(2.2.1)hept-2-en-7-ol																								8.77	
biphenyl-ol													8.55												
butyl octadecanoate																			7.67						5.8
butylglycolacetate																									
butyltetradecanoate																			7.25						
chloroform																									
chloromethyl phenol																									
chloro-metayl sulfonylamide																								12.1	
cosient-3-ene																									
CPHS isomer																									
cyclohexanone																									
cyclopenten-1-one																									
decanoic acid																									
dehydronyran							71.4																		
dichlorobenzene																						554e0		155e00	
diheptylphthalate																									
dihydroxymethylbenzoate																									
dimethoxymethane																									
dimethylphthalate																									
dimethylsulfide																									
dimethyltrithiolane																									
diphenyl ether																						17.4		8.71	
DMSF																									
docosane												11.5													
dodecanamide																									7.65
dodecanoic acid								6.48																	
ethylbenzene																									
hexachlorobicycloheptene																									
hexachlorobicyclo(2.2.1)hept-2-ene																									
heptachloro-bicyclo(2.2.1)hexane																						51.1			
heptanone																			9.62						
hexachlorobicyclo(2.2.1)hepta-2-one																						114			
hexachlorobutadiene																									

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	26142	27016	27040	27049	27053	27055	27062	28025	33026	33030	33063	35012	35013	35016	35037	35038	35052	35058	I 35065	I 35065	35066	36001	36005	36007	36042
hexadecanamide																									
hexanoic acid																									
hexanol																						44.8			
hexanone																						2740		20.3	
isobutyl octadecanoate																									
isooctylbenzene																									
isopropylbenzene																						108			
limonene																									
methoxybenzaldehyde																									
methyl ester of dihydroxybenzoic acid																									
methyl octane																									
methylbenzylamine																	60.4								
methylstyrenezene																						547			
methylnaphalene																									
methylsulfoxybenzene																			17.2					8.63	
methyltetr-1-octanone																						25.5			
methyltricyclo[3,2.1,0,2,7]oct-3-ene-5-c																									
methyl-2,4-pentanediol																									
a-mentha-4,8-diene																								11.9	
a methyl luteoa																									
naphtalene																									
nonanal																									
nonane																									
n,n-dibutylacetamide																			15.3						
n,n-dimethylbenzylamine																	9.48								
n-benzylacetamide																								12.6	
n-butylmethanamine ?																									
n-nitrosodipropylamide																								14.5	
n-n'-bis (1-methylethyl) urea																									
n-propylpropanine																									
n-tridecane																									
octadecanamide								50.1									12.1								
octadecanethiol?																									
octanoic acid																									
pentachlorophenol																								65.1	
phenol																									
propanoic acid																									
propanedinitryl																									
propanol																									
propanoic acid																			33.8						
propylbenzene																						26.3			
pyridine																									
p-isopropylbenzylalcohol																			63.1						
siloxane																									
sulfur																									
tetrachlorobenzene																						15.3			
tetrachloroethene																								16.4	

Non-target analytes	25102	27016	27046	27049	27053	27055	27062	28025	33026	33038	33063	35012	35013	35016	35037	35038	35052	35058	35065 R	35065 I	35066	35081	35085	35076	35082
tetrachlorotoluene																									
tetracycloheptane																									
tetradecanoic acid								11.2																	
tetradecanol			1*																						
thiophene												27.4													
toluene																						346			
trichlorobenzene																						249		145	
tricyclo[2.2.1.02,6]-heptan-3-ol																									
triethyl ester of phosphoric acid																									
triethylphosphate																									
trimethyl ester of phosphorothioic acid																									
trimethylbenzene																						26.2			
trimetaxycyclosarane																									
xylene																									
xylene 527																						1069			
xylene 53b																						892			5.33
"freon"																	32.4								
2-methyl, 1-(1,1-dimethylethyl)-2-methyl-1,3-propanediyl propionate																									
ethyl, methyl benzene																									
ethyl dimethyl benzene																									
isocyclohexylethanol																									
bisisopropylurea																									
oxatricycloactanone																									
2,5-i-butyl-4-methyl phenol						7.8																			
tricholorocyclopentene																									
5-ethyl-5-sec.oxyl-2,4,6(1h,3h,5h)-pyrimidinetrione																									
5-methyl-1,3-oxathiane																									
	158	1	0	8	0	1	2	5	7	7	0	1	15	13	3	3	2	8	1	13	2	6	23	0	15	7
General groups of compounds																									
alkene								x					x	x											
615																									
aliphatic hydrocarbon										x															
alkane													x	x											
chlorinated compound								x													22.1		x		x
44b																									
sulfur compound			x										x		22.9					x					
45b																									
655																									
alkene or alcohol																									
632																									
alkane or alkene								x						x											

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	26142	27016	27046	27049	27053	27055	27062	28025	33026	33030	33663	35012	35013	35016	35037	35038	35052	35056	I 35065	I 35665	35666	36001	36005	36076	36082
643																									
671																									
651																									
536																									
bicyclo compound																									
654																									
amide																									
646																									
chlorohydrocarbon						20																			
665																									
649																									
bicyclo or tricyclo compound																									
alicyclic compound																									
657																									
alcohol or unsaturated fatty acid																									
alcohol																									
663																									
647																									
664																									
alkyne																									
acid or alcohol																									
637																									
646																									
638																									
aliphatic cyclic compound																									
phthalate																									
	38	0	0	1	0	0	1	3	0	1	0	0	3	3	1	0	0	0	0	1	0	1	1	0	2	0

Non-target analytes	36[illegible]4	36[illegible]0	36112	36139	37365	37307	37306	37309	37312	37313	37320	37332	37343	37344	37347	37349	37353	37354	37356	37357	37359	BOLLER
ANALYTES WITH 10 OR MORE OCCURRENCES																						
1,1,2,2-tetrachloroethane			6.42																			
1,1,2-trichloroethane																						
2,6,10,14-tetramethylhexadecane			13.9																			
2,6,10-trimethyl pentadecane																						
bis(2-ethylhexyl) phthalate			38.1															2.83				18.4
caprolactam	186	86.3	12.6		154					359												
chlorobenzene		56.3										8.8		2.9							5.5	
cyclopentanone																						
hexadecanoic acid		6.32	11.2																			
n-eicosane			17.6			7.4																
n-heneicosane			7.28																			
n-heptadecane			37.4			26.6							14.3									
n-hexadecane			22.6																			
n-nonadecane			28.9			13							7.49									
n-pentacosane																						
n-tetradecane																						
octadecane			14.3			7.66																
octadecanoic acid		49.5	54.5																			
tetrachloroethene		11.2		23.1			20.9							39.5								
THF (tetrahydrofuran)																						
ANALYTES WITH LESS THAN 10 OCCURRENCES																						
1,1-bis(methylthio)ethane																						
1,2,3,4,5,7,7-heptachloronorbornene																						
1,2-dichloroethane																						
1,2-dichloroethene																						
1,2-dichloropropane																						
1,3 cyclopentadiene							18.9															
1,3,6-dioxathiocane			7.47	7																		
1,3-dithiolane		73.1	13.2																			
1,3-dioxolane-2-thione			16.2																			
1,4-cyclooctadiene																						
1,4-dithian																						
1,4-dithiane																						
1-propanone																						
1-(4-hydroxy-3-methoxyphenol)ethanone																						
2 propanone																						
2,2,2-trichloroethanol																						
2,3-dichloro-2-methylbenzyl alcohol																						
2,4-imidazolidinedione																						
2,6,10,14-tetrethylhexadecane																						
2,6,10,14-tetraethylpentadecane																						
2,6,10,14-tetramethylpentene																						
2,6,10,14-tetramethylpentadecane			13.7										5.51									
2,6,10,14-tetramethylpentadiene																						
2-cyclohexen-1-one																						

Non-target analytes	36664	36890	36912	36939	37305	37307	37308	37309	37312	37313	37320	37332	37343	37344	37347	37349	37353	37354	37356	37357	37359	MDLLAB
2-methylcyclopentanone											10.1											
2-methyl-2,4-pentanol																						
2-propanol																						
2-(4-methyl-2-furyl)-2-cyclopenten-1-one										14.4												
3,3,5-trimethylcyclohexanone																						
3,5-dimethyl-1,2,4-trithiolane			78.8																			
3-methylhexane																						
3-methyl-1,3,5-hexatriene																						
4-hydroxy-4-methyl-2-pentanone																	13					
4-oxatricyclo[2,2,2,0,2,6]-octan-7-ol																						
acetophenone																						
azidobenzene																						
benzazine																						
benzothiazene																						
bicyclomethylcrupentadiene																						
bicyclo[2,2,1]hept-2-en-7-ol																						
biphenyl-ol																						
butyl octadecanoate																						
butylglycolacetate																						
butylhexadecanoate																						
chloroform																						
chloromethyl phenol																						
chloro-methyl sulfonylamide																						
c -st-1-ene																						
Cpd isomer																						
cyclohexanone																						
cyclopenten-1-one																						
decanoic acid																						
dehydrofuran																						
dichlorobenzene																					2.48	
diheptylphthalate			11																			
dihydroxymethylbenzoate																						
dimethoxymethane																						
dimetaylphthalate																						
dimethylsulfide																						
dimethyltrithiolane		79.9			111																	
diphenyl ether																						
DMHP																						
docosane																						
dodecanamide																						
dodecanoic acid			46.2																			
etaylbenzene																						
heptachlorobicycloheptene																						
heptachlorobicyclo[2.2.1]hept-2-ene																						
heptachloro-bicyclo[2.2.1]heptane																						
heptanone																						
hexachlorobicyclo[2.2.1]hepta-2-ene																						
hexachlorobutadiene																						

Non-target analytes	36684	36690	36112	36139	37305	37307	37308	37309	37312	37313	37320	37332	37343	37344	37347	37349	37353	37354	37356	37357	37359	BOLLER
hexadecanamide																						
hexanoic acid																						
hexanol																						
hexanone																						
isobutyl octadecanoate																						
isopentylbenzene																						
isopropylbenzene																						
limonene																						
methoxybenzaldehyde																						
methyl ester of dihydroxybenzoic acid																						
methyl octane																	32.3					
methylbenzylamine																						
methylethylbenzene																						
methylnaphthalene																						
methylsulfoxylbenzene																						
methylthio-1-butanone																						
methyltricyclo[3.2.1,6,2,7]oct-3-ene-5-c																						
methyl-2,4-pentanediol																						
n-nonan-4,8-diene																						
n-methyl lactidoz																						
naphthalene																						
nonanal																						
nonane																	28.9					
n,n-dibutylacetamide																						
n,n-dimethylbenzylamine																						
n-heptylacetamide																						
n-methylmethanamide ?																						
n-nitrosodipropylamine																						
n-n'-bis (1-methylethyl) urea																						
n-propylpropanine																						
n-tridecane																						
octadecanamide																						
octadecanethiol			19.3																			
octanoic acid																						
pentachloropheaol																						
phenol																						
phosphorothidic acid																						
propanic acid																						
propanedioatryl																						
propanil																						
propanoic acid											38.7											
propylbenzene																						
pyridine																						
p-isopropylbenzyldehyde																						
siloxane																						
sulfur			21.5																			
tetrachlorobenzene																						
tetrachlorophenol																						

Non-target analytes	36084	36090	36112	36139	37305	37307	37308	37309	37312	37313	37320	37332	37343	37344	37347	37349	37353	37354	37356	37357	37359	BGLLEB
tetrachlorostannane																						
tetracycloheptane																						
tetradecanoic acid			18.6																			
tetradecanol																						
thiophene			58.5																			
toluene																						
trichlorobenzene																						
tricyclo[2.2.1.02,6]-heptan-3-ol																						
triethyl ester of phosphoric acid																						
triethylphosphate																						
trimethyl ester of phosphorothioic acid																						
trimethylbenzene																						
trimethylcyclohexane																						
xylene																						
xylene 527																						
xylene 538																						
*freon																						
2-methyl, 1-(1,1-dimethylethyl)-2-methyl-1,3-propanediyl propionate																						
ethyl, methyl benzene																						
ethyl dimethyl benzene																						
codecycloxyethanol																						
bisisopropylurea																						
orotricyclooctanone																						
2,6-1-butyl-4-methyl phenol																						
trichlorocyclopentene	5.5																					
5-ethyl-5-sec.onyl-2,4,6(1h,3h,5h)-pyrimidinetrione	56.9																					
5-methyl-1,3-orathiane		16.3																				
	156	3	8	23	3	1	4	2	0	6	3	1	1	3	2	0	0	3	1	0	0	2	1

General groups of compounds

alkene																						
635																						1
aliphatic hydrocarbon				1														1				
alkane				1																		
chlorinated compound	57.2				7.7s			1														5.7s
640				15.2																		
sulfur compound	23.9	66			114																	
650																						
655																						
alkene or alcohol																						
632																						
alkane or alkene																						

Analytical Results for Tentatively Identified Compounds by GC/MS Analysis

Non-target analytes	36084	36090	36112	36139	37305	37307	37308	37309	37312	37313	37320	37332	37343	37344	37347	37349	37353	37354	37356	37357	37359	60CL56
643																						
671																						
651																						
636																						
bicyclo compound																						
656			28.1																			6.42
amide																						
648																						
chloronaphrecarbon																						
663			8.85																			5.87
649			11.9																			7.08
bicycle or tricycle compound																						
alicyclic compound								89														
631																						
alcohol or unsaturated fatty acid																						
alcohol																						
663																						
647																						
664																						
alkyne																						
acid or alcohol			3																			
637																						
645																						
638																						
aliphatic cyclic compound																						
phthalate																						
	38	2	1	7	2	6	0	1	1	0	6	0	0	0	0	0	0	1	0	0	0	4

TASK 4 GC/MS NONTARGET DATA 3RD AND 4TH QUARTERS FY1986

PARAMETERS	STORET #	T4CC	TENTATIVE ID
UNITS	METHOD	1	
DATE	06/25/86		
TIME	12:50		
UNK055	91055	28.7	THF
UNK532	91532	7.41	1,1,2,2-TETRACHLOROETHANE
UNK591	91591	6.43	ALKANE
UNK594	91594	30.0	2,6,10,14-TETRAETHYLPENTADECANE N-HEPTADECANE
UNK600	91600	11.4	2,6,10,14-TETRAETHYLHEXADECANE
UNK605	91605	14.4	N-NONADECANE
UNK608	91608	5.42	UNK
UNK617	91617	11.3	ALKENE
UNK632	91632	14.7	DIHEPTYLPHTHALATE
UNK635	91635	28.1	A PHTHALATE
UNK640	91640	27.3	A PHTHALATE
UNK643	91643	77.5	A PHTHALATE
UNK650	91650	19.6	A PHTHALATE
UNK651	91651	7.83	A PHTHALATE
UNK655	91655	39.9	A PHTHALATE
UNK671	91671	12.6	A PHTHALATE

PARAMETERS	STORET #	TACC	TENTATIVE ID
UNITS	METHOD	2	
DATE	07/01/86		
TIME	08:36		
UNK123	91123	1720	
UNK127	91127	723	
UNK129	91129	773	
UNK144	91144	9640	
UNK147	91147	3780	
UNK514	91514	7700	CnH10, POSSIBLY 3-METHYL-1,3,5-HEXATRIENE
UNK515	91515	3630	TOLUENE
UNK522	91522	2400	XYLENE, POSSIBLY 1,4-CYCLO-OCTADIENE
UNK526	91526	2680	ETHYLBENZENE
UNK527	91527	9000	XYLENE
UNK529	91529	3820	BICYCLO COMPOUND
UNK530	91530	7000	XYLENE
UNK531	91531	1750	BICYCLO COMPOUND
UNK532	91532	1720	ISOMER OF UNK531
UNK536	91536	950	UNK
UNK538	91538	790	POSSIBLY METHYL ETHYL BENZENE
UNK539	91539	17200	BICYCLO COMPOUND
UNK540	91540	1450	BICYCLO COMPOUND
UNK541	91541	2710	UNK
UNK543	91543	1550	POSSIBLY BICYCLODIHYDRO-PENTADIENE
UNK548	91548	46600	ISOMER OF UNK543
UNK549	91549	8350	BICYCLO COMPOUND
UNK553	91553	61000	c11h10
UNK555	91555	30400	BICYCLO COMPOUND
UNK556	91556	39200	UNK, c12h16
UNK558	91558	28500	ISOMER OF UNK556
UNK559	91559	5050	UNK
UNK560	91560	3470	NAPTHALENE, ALICYCLIC COMPOUND
UNK561	91561	7000	NAPTHALENE, ALICYCLIC COMPOUND
UNK562	91562	15200	NAPTHALENE, ALICYCLIC COMPOUND
UNK563	91563	6150	BICYCLO COMPOUND, UNK
UNK564	91564	3680	ALICYCLIC COMPOUND, UNK
UNK565	91565	5170	ALICYCLIC COMPOUND, UNK
UNK566	91566	1270	UNK
UNK567	91567	1550	UNK
UNK569	91569	4800	UNK
UNK570	91570	6050	METHYL NAPTHALENE
UNK574	91574	1070	UNK, ALICYCLIC COMPOUND
UNK575	91575	8100	UNK, BICYCLIC COMPOUND
UNK576	91576	3640	UNK, ALICYCLIC COMPOUND

PARAMETERS	STORET #	01014 TICC	TENTATIVE ID
UNITS	METHOD	2	
DATE	07/01/86		
TIME	08:36		
UNK577	91577	775	UNK, ALICYCLIC COMPOUND
UNK579	91579	1890	UNK, ALICYCLIC COMPOUND
UNK583	91583	13900	UNK, ALICYCLIC COMPOUND
UNK584	91584	8050	UNK
UNK585	91585	2890	UNK, ALICYCLIC COMPOUND
UNK587	91587	34300	UNK, BICYCLIC COMPOUND
UNK588	91588	7230	UNK, ALICYCLIC COMPOUND
UNK590	91590	16300	UNK, ALICYCLIC COMPOUND
UNK591	91591	890	UNK, ALICYCLIC COMPOUND
UNK593	91593	4220	UNK, ALICYCLIC COMPOUND
UNK597	91597	1590	UNK, ALICYCLIC COMPOUND
UNK602	91602	770	UNK, ALICYCLIC COMPOUND
UNK612	91612	1290	UNK, ALICYCLIC COMPOUND
UNK615	91615	750	UNK
UNK617	91617	1310	UNK
UNK619	91619	1260	UNK, ALICYCLIC COMPOUND
UNK621	91621	635	UNK
UNK623	91623	335	UNK
UNK624	91624	403	UNK
UNK626	91626	2250	UNK
UNK627	91627	484	UNK
UNK672	91672	4990	UNK
UNK694	91694	3550	UNK

PARAMETERS	STORET #	TNCC	TENTATIVE ID
UNITS	METHOD	3	
DATE	06/25/86		
TIME	10:30		
UNK048	91048	13.0	1,2-DICHLOROETHENE
UNK079	91079	6.80	NO MATCH
UNK087	91087	33.4	1,2-DICHLOROPROPENE
UNK193	91193	144	DICHLOROBENZENE
UNK524	91524	54.6	CHLOROBENZENE
UNK532	91532	5.99	1,1,2,2-TETRACHLOROETHANE
UNK543	91543	11.1	DICHLOROBENZENE
UNK545	91545	39.0	DICHLOROBENZENE
UNK558	91558	8.13	SULFUR COMPOUND, POSSIBLY 1,3-DITHIOLANE
UNK566	91566	28.7	UNK
UNK572	91572	8.66	UNK
UNK574	91574	99.5	UNK
UNK578	91578	30.6	UNK
UNK580	91580	10.4	N-METHYL LUTIDON (c8h11n0)
UNK581	91581	14.8	UNK
UNK582	91582	13.4	ALKANE, UNK
UNK584	91584	540	UNK
UNK588	91588	19.4	N-HEXADECANE
UNK591	91591	22.6	UNK
UNK594	91594	38.2	N-HEPTADECANE, ALKANE
UNK600	91600	11.5	ALKANE
UNK604	91604	37.2	UNK
UNK605	91605	19.9	N-NONADECANE
UNK608	91608	51.0	UNK
UNK609	91609	139	UNK
UNK610	91610	15.7	N-EICOSANE, UNK
UNK616	91616	100	UNK
UNK617	91617	6.34	ALIPHATIC HYDROCARBON
UNK619	91619	13.9	UNK
UNK620	91620	7.23	UNK
UNK629	91629	7.70	UNK
UNK632	91632	6.43	A PHTHALATE
UNK635	91635	12.1	A PHTHALATE
UNK640	91640	6.39	A PHTHALATE
UNK643	91643	22.9	A PHTHALATE
UNK650	91650	6.91	A PHTHALATE
UNK655	91655	12.0	A PHTHALATE

PARAMETERS / UNITS	STORET # / METHOD	TICC	TENTATIVE ID
	02019		
DATE	06/24/86		
TIME	09:06		
UNK122	91122	4.22	NO MATCH
UNK517	91517	19.8	CYCLOPENTANONE
UNK573	91573	29.9	DECANOIC ACID
UNK575	91575	29.0	TETRADECANE
UNK578	91578	16.1	ALIPHATIC HYDROCARBON
UNK579	91579	20.8	ALIPHATIC HYDROCARBON
UNK582	91582	210	PENTADECANE
UNK585	91585	102	ALIPHATIC HYDROCARBON
UNK586	91586	125	ALIPHATIC HYDROCARBON
UNK587	91587	19.5	ALIPHATIC HYDROCARBON
UNK588	91588	706	HEXADECANE
UNK591	91591	398	ALIPHATIC HYDROCARBON
UNK592	91592	99.9	ALIPHATIC HYDROCARBON
UNK594	91594	1250	ALIPHATIC HYDROCARBON, HEPTADECANE
UNK596	91596	164	ALIPHATIC HYDROCARBON
UNK597	91597	107	ALIPHATIC HYDROCARBON
UNK598	91598	125	ALIPHATIC HYDROCARBON
UNK600	91600	1030	OCTADECANE, ALIPHATIC HYDRO-CARBON
UNK601	91601	25.7	ALIPHATIC HYDROCARBON
UNK602	91602	176	ALIPHATIC HYDROCARBON
UNK603	91603	212	ALIPHATIC HYDROCARBON
UNK605	91605	731	NONADECANE, ALIPHATIC HYDRO-CARBON
UNK607	91607	72.0	ALIPHATIC HYDROCARBON
UNK608	91608	88.4	ALIPHATIC HYDROCARBON
UNK610	91610	335	N-EICOSANE
UNK612	91612	126	ALIPHATIC HYDROCARBON
UNK613	91613	58.5	ALIPHATIC HYDROCARBON
UNK614	91614	45.6	ALIPHATIC HYDROCARBON
UNK615	91615	111	N-HENEICOSANE
UNK617	91617	271	ALIPHATIC HYDROCARBON
UNK619	91619	32.7	ALIPHATIC HYDROCARBON
UNK620	91620	45.2	DOCOSANE
UNK621	91621	35.8	ALIPHATIC HYDROCARBON
UNK626	91626	38.9	ALIPHATIC HYDROCARBON
UNK627	91627	191	ALIPHATIC HYDROCARBON
UNK628	91628	30.7	ALIPHATIC HYDROCARBON
UNK635	91635	29.1	PHTHALATE
UNK642	91642	23.3	UNK

PARAMETERS / UNITS	STORET # / METHOD	02020 T4CC2 4	TENTATIVE ID
DATE	09/17/86		
TIME	11:16		
UNK642	91642	14.5	UNK
UNK671	91671	57.4	UNK
UNK693	91693	28.5	UNK

PARAMETERS	STORET #	02030 TICC	TENTATIVE ID
UNITS	METHOD	5	
DATE	06/27/86		
TIME	14:01		
UNK037	91037	27.6	2 PROPANONE
UNK042	91042	9.90	2 PROPANONE
UNK044	91044	40.0	2 PROPANONE
UNK079	91079	4.10	CHLOROFORM
UNK152	91152	6.50	N METHYLMETHAMINE
UNK559	91559	6.82	HEXANOIC ACID, OCTANOIC ACID
UNK563	91563	35.6	UNK
UNK573	91573	28.3	DECANOIC ACID
UNK576	91576	30.7	UNK
UNK580	91580	9.53	UNK
UNK582	91582	27.2	N-PENTADECANE
UNK585	91585	12.3	ALKENE OR ALCOHOL
UNK587	91587	287	DODECANOIC ACID
UNK588	91588	96.4	N-HEXADECANE
UNK589	91589	9.32	ALKENE OR ALCOHOL
UNK591	91591	45.0	ALIPHATIC HYDROCARBON, 2,6,10-TRIMETHYLPENTADECANE
UNK592	91592	20.2	ALKENE, ALIPHATIC HYDROCARBON
UNK593	91593	45.6	UNK, ALIPHATIC HYDROCARBON
UNK594	91594	152	N-HEPTADECANE
UNK595	91595	52.1	2,6,10,14-TETRAMETHYLPENTADECANE
UNK597	91597	40.5	ALIPHATIC HYDROCARBON
UNK598	91598	61.4	TETRADECANOIC ACID
UNK600	91600	125	N-OCTADECANE
UNK601	91601	55.1	2,6,10,14-TETRAMETHYLHEXADECANE
UNK602	91602	18.5	ALIPHATIC HYDROCARBON
UNK603	91603	8.91	ALIPHATIC HYDROCARBON
UNK604	91604	8.77	ALIPHATIC HYDROCARBON
UNK605	91605	64.7	ALKENE OR ALCOHOL, HYDROCARBON
UNK606	91606	117	N-NONADECANE
UNK609	91609	89.2	HEXADECANOIC ACID
UNK611	91611	76.3	N-EICOSANE
UNK614	91614	26.9	ALKENE OR ALCOHOL
UNK615	91615	33.7	ALKENE OR ALCOHOL
UNK616	91616	32.6	N-HENEICOSANE
UNK617	91617	0.0	NOT FOUND
UNK618	91618	466	ALCOHOL OR ALKENE
UNK620	91620	9.68	ALIPHATIC HYDROCARBON
UNK632	91632	16.9	ALIPHATIC HYDROCARBON
UNK635	91635	14.9	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	91642	14.5	UNK

PARAMETERS		02034		
	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	5	
DATE	09/05/86		
TIME	13:57		
UNK059	91059	19.8	1 PROPAMINE
UNK515	91515	7.34	1,1,2-TRICHLOROETHANE
UNK531	91531	10.6	1,1,2,2-TETRACHLOROETHANE
UNK565	91565	219	CAPROLACTAM

PARAMETERS	STORET #	TECC	TENTATIVE ID
UNITS	METHOD		
DATE	06/25/86		
TIME	09:02		
UNK515	91515	9.64	1,1,2-TRICHLOROETHANE
UNK532	91532	17.6	1,1,2,2-TETRACHLOROETHANE
UNK551	91551	6.89	UNK
UNK594	91594	11.3	N-HEPTADECANE
UNK600	91600	37.9	N-HEXADECANE, ALKANE
UNK605	91605	8.45	N-NONADECANE
UNK608	91608	6.76	HEXADECANOIC ACID
UNK617	91617	14.8	OCTADECANOIC ACID
UNK632	91632	6.69	A PHTHALATE
UNK635	91635	12.1	A PHTHALATE
UNK640	91640	7.01	A PHTHALATE
UNK650	91650	9.97	A PHTHALATE
UNK655	91655	19.5	A PHTHALATE
UNK671	91671	5.60	A PHTHALATE

		02035	
PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	6	
DATE	09/05/86		
TIME	15:00		
UNK565	91565	73.9	CAPROLACTAM

PARAMETERS	02037		
UNITS	STORET #	TACC	TENTATIVE ID
	METHOD	7	
DATE	06/23/86		
TIME	11:26		
UNK532	91532	7.83	1,1,2,2-TETRACHLOROETHANE
UNK585	91585	7.56	UNK
UNK617	91617	10.1	UNK
UNK632	91632	5.88	PHTHALATE
UNK635	91635	10.8	PHTHALATE
UNK640	91640	5.85	PHTHALATE
UNK642	91642	35.5	UNK
UNK650	91650	6.95	PHTHALATE
UNK655	91655	11.2	PHTHALATE
UNK660	91660	67.4	UNK
UNK661	91661	56.2	UNK
UNK671	91671	6.49	PHTHALATE

PARAMETERS	STORET #	T4CC	TENTATIVE ID
UNITS	METHOD	8	
DATE	06/23/86		
TIME	15:55		
UNK562	91562	7.88	UNK
UNK576	91576	7.31	UNK
UNK586	91586	9.11	DODECANOIC ACID
UNK608	91608	8.47	HEXADECANOIC ACID
UNK617	91617	7.81	ALCOHOL OR UNSATURATED FATTY ACIDS
UNK619	91619	15.8	BUTYL HEXADECANOATE
UNK628	91628	10.2	ISOBUTYL OCTADECANOATE
UNK631	91631	6.81	PHTHALATE
UNK632	91632	19.9	PHTHALATE
UNK633	91633	7.97	ALIPHATIC HYDROCARBON
UNK635	91635	36.2	PHTHALATE
UNK637	91637	6.94	ALIPHATIC HYDROCARBON
UNK640	91640	35.5	PHTHALATE
UNK641	91641	35.3	UNK
UNK642	91642	173	UNK
UNK643	91643	56.2	PHTHALATE
UNK644	91644	16.9	UNK
UNK645	91645	35.1	UNK
UNK646	91646	14.7	ALIPHATIC HYDROCARBON
UNK648	91648	6.63	PHTHALATE
UNK650	91650	32.9	PHTHALATE
UNK651	91651	13.6	PHTHALATE
UNK652	91652	8.72	ALIPHATIC HYDROCARBON
UNK655	91655	57.8	PHTHALATE
UNK671	91671	19.8	PHTHALATE

PARAMETERS UNITS	STORET # METHOD	02039 TICC	TENTATIVE ID
DATE	06/24/86		
TIME	10:05		
UNK565	91565	165	CAPROLACTAM
UNK608	91608	7.02	UNK
UNK618	91618	7.93	UNK
UNK621	91621	80.1	UNK
UNK627	91627	17.0	UNK, OCTADECANAMIDE
UNK628	91628	21.5	OCTADECANAMIDE
UNK637	91637	29.4	UNK
UNK642	91642	425	UNK
UNK647	91647	10.7	UNK
UNK655	91655	11.4	OCTANOIC ACID, 1,2,3-PROPANETRYL
UNK657	91657	33.4	UNK
UNK674	91674	1650	UNK

PARAMETERS / UNITS	STORET # / METHOD	03005 TACC 10	TENTATIVE ID
DATE	06/11/86		
TIME	11:50		
UNK515	91515	7.59	1,1,2-TRICHLOROETHANE
UNK532	91532	14.4	1,1,2,2-TETRACHLOROETHANE
UNK575	91575	27.7	N-TETRADECANE
UNK576	91576	7.49	UNK
UNK578	91578	11.5	C15 ALKENE
UNK579	91579	15.6	C15 ALKENE
UNK582	91582	113	N-PENTADECANE
UNK585	91585	24.6	C16 ALKENE
UNK586	91586	51.0	C16 ALKENE, C17 ALKENE
UNK588	91588	329	N-HEXADECANE
UNK591	91591	154	C17, C18 ALKENE
UNK592	91592	38.3	C17 ALKENE
UNK594	91594	672	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK596	91596	59.9	C18 ALKENE
UNK597	91597	51.7	C18 ALKENE
UNK598	91598	15.1	C18 ALKENE
UNK599	91599	BK	
UNK600	91600	517	N-OCTADECANE, C19 ALKENE, 2,6,10,14-TETRAMETHYLHEXADECANE
UNK602	91602	39.5	C19 ALKENE
UNK603	91603	73.4	C19 ALKENE
UNK605	91605	303	N-NONADECANE
UNK608	91608	13.7	C20 ALKENE
UNK610	91610	109	N-EICOSANE
UNK612	91612	11.7	C21 ALKENE
UNK614	91614	15.8	C21 ALKENE
UNK615	91615	32.4	N-HENEICOSANE
UNK617	91617	12.6	C22 ALKENE
UNK620	91620	13.2	N-DOCONANE
UNK621	91621	16.9	C23 ALKENE
UNK642	91642	112	UNK

PARAMETERS		03523			TENTATIVE ID
	UNITS	STORET #		T4WC	
		METHOD		1	
DATE		06/04/86			
TIME		13:47			
UNK567		91567	*OK	15.9	NO MATCH
UNK581		91581	*OK	10.5	NO MATCH
UNK582		91582	*OK	28.6	NO MATCH
UNK586		91586	*OK	8.32	METHYL TRICYCLO(3,2,1,0,2,7)OCT-3-ENE-5-CARBOXYLATE

		04007	
PARAMETERS	STORET #	T4WC	TENTATIVE ID
UNITS	METHOD	2	
DATE	06/04/86		
TIME	14:13		

PARAMETERS	STORET #	04014 T4WC2	TENTATIVE ID
UNITS	METHOD	5	
DATE	08/26/86		
TIME	08:04		
UNK532	91532	16.0	1,1,2,2-TETRACHLOROETHANE
UNK564	91564	740	CAPROLACTAM
UNK622	91622	9.71	UNK
UNK642	91642	871	UNK
UNK672	91672	6040	UNK
UNK695	91695	4160	UNK

PARAMETERS		04021		TENTATIVE ID
	UNITS	STORET #	T4WC2	
		METHOD	6	
DATE		08/25/86		
TIME		10:18		
UNK531		91531	6.44	1,1,2,2-TETRACHLOROETHANE
UNK565		91565	1120	CAPROLACTAM
UNK636		91636	7.45	PHTHALATE
UNK642		91642	47.4	UNK
UNK671		91671	304	UNK
UNK693		91693	223	UNK

PARAMETERS / UNITS	STORET # / METHOD	T4WC2	TENTATIVE ID
	04027		
		7	
DATE	08/26/86		
TIME	11:59		
UNK565	91565	668	CAPROLACTAM
UNK642	91642	31.9	UNK
UNK671	91671	207	UNK
UNK693	91693	132	UNK

PARAMETERS		04030		TENTATIVE ID
	UNITS	STORET #	T4WC	
		METHOD	3	
DATE		06/04/86		
TIME		08:24		
UNK518		91518	*OK16.8	CYCLOPENTANONE

PARAMETERS	STORET #	TMWC	TENTATIVE ID
UNITS	METHOD	4	
	04033		
DATE	06/04/86		
TIME	09:01		
UNK565	91565 *OK5.75		HEXAHYDRO-2H-AZEPIN-2-ONE
UNK622	91622 *OK5.88		NO MATCH
UNK642	91642 *OK51.9		NO MATCH

		6005	
PARAMETERS	STORET #	T4BWC	TENTATIVE ID
UNITS	METHOD	4	
DATE	06/04/86		
TIME	11:37		
UNK642	91642 *OK	11.1	NO MATCH

PARAMETERS	STORET #	T4BWC	TENTATIVE ID
UNITS	METHOD	1	
DATE	05/29/86		
TIME	11:26		

	09005		
PARAMETERS	STORET #	T4WC	TENTATIVE ID
UNITS	METHOD	5	
DATE	06/05/86		
TIME	11:05		

PARAMETERS	STORET #	11002 T4BWC	TENTATIVE ID
UNITS	METHOD	2	
DATE	05/29/86		
TIME	08:45		

PARAMETERS	STORET #	22021 T4CC	TENTATIVE ID
UNITS	METHOD	11	
DATE	06/12/86		
TIME	09:37		
UNK517	91517	14.6	CYCLOPENTANONE
UNK568	91568	7.64	N-TRIDECANE
UNK575	91575	38.2	N-TETRADECANE
UNK578	91578	16.5	C14 OR C15 ALKENE
UNK579	91579	19.6	C15 ALKENE
UNK582	91582	114	N-PENTADECANE
UNK583	91583	6.75	BIPHENYL-OL
UNK585	91585	37.6	C16 ALKENE
UNK586	91586	33.0	C16 ALKENE
UNK588	91588	342	N-HEXADECANE
UNK591	91591	131	C17 OR C18 ALKANE OR ALKENE, 2,6,10-TRIMETHYLPENTADECANE
UNK592	91592	16.9	C18 OR C17 ALKENE
UNK594	91594	532	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK596	91596	54.5	C18 ALKENE, ALKANE
UNK597	91597	46.9	C18 ALKENE
UNK598	91598	13.6	C18 ALKENE
UNK599	91599	382	N-OCTADECANE
UNK600	91600	111	2,6,10,14-TETRAMETHYLHEXADECANE
UNK602	91602	38.3	C19 OR C20 ALKENE
UNK603	91603	77.0	C19 OR C20 ALKENE
UNK605	91605	247	N-NONADECANE, C19 ALKENE
UNK607	91607	16.4	C20 OR C21 ALKENE
UNK608	91608	15.9	C20 ALKENE
UNK610	91610	129	N-EICOSANE
UNK612	91612	13.0	C20 OR C21 ALKENE
UNK613	91613	6.84	C21 ALKENE
UNK614	91614	17.8	C21 ALKENE
UNK615	91615	38.5	N-HENEICOSANE
UNK617	91617	19.1	C21 ALKENE
UNK620	91620	15.9	C21 OR C22 ALKENE
UNK621	91621	20.8	C23 ALKENE
UNK642	91642	11.6	UNK

PARAMETERS UNITS	STORET # METHOD	22024 TICC 12	TENTATIVE ID
DATE	06/12/86		
TIME	07:28		
UNK517	91517	26.9	CYCLOPENTANONE
UNK545	91545	9.95	LIMONENE
UNK552	91552	12.9	NONANAL
UNK568	91568	19.4	N-TRIDECANE
UNK573	91573	14.8	DECANOIC ACID, C15 ALKENE
UNK575	91575	120	N-TETRADECANE
UNK578	91578	51.2	C14 OR C15 ALKENE
UNK579	91579	77.7	C15 OR C16 ALKENE
UNK580	91580	26.8	C16 ALKENE, ALKENE
UNK582	91582	504	N-PENTADECANE
UNK583	91583	27.1	BIPHENYL-OL
UNK585	91585	126	C16 OR C17 ALKENE, ALKENE
UNK586	91586	178	C16 OR C17 ALKENE
UNK587	91587	52.8	C17 ALKENE, ALKENE
UNK588	91588	1060	N-HEXADECANE
UNK589	91589	14.6	C17 ALKENE OR ALKENE
UNK591	91591	580	2,6,10-TRIMETHYLPENTADECANE, C17 OR C18 ALKENE
UNK592	91592	144	C18 ALKENE
UNK594	91594	1790	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK596	91596	175	ALIPHATIC HYDROCARBON
UNK597	91597	273	ALIPHATIC HYDROCARBON
UNK598	91598	201	ALIPHATIC HYDROCARBON
UNK600	91600	1620	N-OCTADECANE, ALIPHATIC HYDROCARBON
UNK602	91602	132	ALIPHATIC HYDROCARBON
UNK603	91603	266	ALIPHATIC HYDROCARBON
UNK604	91604	79.2	ALIPHATIC HYDROCARBON
UNK605	91605	749	ALIPHATIC HYDROCARBON, N-NONADECANE
UNK607	91607	43.7	ALIPHATIC HYDROCARBON
UNK608	91608	102	ALIPHATIC HYDROCARBON
UNK610	91610	358	N-EICOSANE
UNK612	91612	47.7	ALIPHATIC HYDROCARBON
UNK613	91613	81.5	ALIPHATIC HYDROCARBON
UNK615	91615	103	N-HENEICOSANE
UNK617	91617	36.8	ALIPHATIC HYDROCARBON
UNK619	91619	34.3	N-DOCOSANE
UNK621	91621	37.6	ALIPHATIC HYDROCARBON
UNK632	91632	20.7	ALIPHATIC HYDROCARBON
UNK642	91642	110	UNK

PARAMETERS	STORET #	22059 T4CC2	TENTATIVE ID
UNITS	METHOD	7	
DATE	09/03/86		
TIME	10:24		
UNK515	91515	26.6	1,1,2-TRICHLOROETHANE
UNK531	91531	39.1	1,1,2,2-TETRACHLOROETHANE
UNK565	91565	451	CAPROLACTAM
UNK642	91642	1340	UNK
UNK647	91647	12.4	UNK
UNK654	91654	1580	UNK
UNK672	91672	7400	UNK
UNK694	91694	6320	UNK

PARAMETERS	STORET #	22060	TENTATIVE ID
UNITS	METHOD	S	
DATE	09/03/86		
TIME	08:05		
UNK564	91564	28.6	CAPROLACTAM
UNK642	91642	63.3	UNK
UNK650	91650	20.3	UNK
UNK654	91654	960	UNK
UNK671	91671	130	UNK
UNK693	91693	60.9	UNK

PARAMETERS	STORET #	23095 T4CC2	TENTATIVE ID
UNITS	METHOD	9	
DATE	09/03/86		
TIME	12:31		
UNK036	91036	13.0	
UNK049	91049	4.45	
UNK053	91053	4.80	
UNK123	91123	38.6	PROPANEDINITRYL
UNK144	91144	6.30	ISOMER OF DICYCLOPENTADIENE
UNK146	91146	8.30	ISOMER OF DICYCLOPENTADIENE
UNK158	91158	21.5	PROPAMIN ACID
UNK161	91161	310	TETRACYCLOHEPTANE, ISOBUTYLBENZENE
UNK177	91177	8.40	HEXACHLOROBUTADIENE
UNK518	91518	20.4	TETRACHLOROETHENE
UNK551	91551	10.9	UNK
UNK552	91552	10.7	UNK
UNK553	91553	26.8	UNK
UNK555	91555	119	UNK
UNK558	91558	25.3	UNK
UNK561	91561	16.3	UNK
UNK562	91562	9.45	TETRACHLOROSTANNANE
UNK564	91564	11.8	UNK
UNK566	91566	131	CYCLIC COMPOUND
UNK570	91570	97.0	POSSIBLY ALPHA-METHYLBENZYLAMINE
UNK571	91571	29.7	UNK
UNK572	91572	11.1	UNK
UNK574	91574	9.25	UNK
UNK575	91575	9.33	UNK
UNK577	91577	26.3	BICYCLO OR TRICYCLO COMPOUND
UNK579	91579	1730	UNK
UNK581	91581	115	BICYCLO OR TRICYCLO COMPOUND
UNK584	91584	399	UNK
UNK586	91586	1260	UNK
UNK588	91588	620	UNK
UNK591	91591	35.5	HEPTACHLOROBICYCLO[2,2,1]-HEPT-2-ENE
UNK595	91595	95.8	UNK
UNK605	91605	20.5	UNK
UNK606	91606	55.5	UNK
UNK609	91609	236	UNK
UNK618	91618	19.5	UNK
UNK621	91621	11.8	UNK
UNK622	91622	69.0	UNK
UNK625	91625	55.6	HEXACHLORO COMPOUND
UNK632	91632	120	UNK
UNK638	91638	56.0	UNK
UNK642	91642	740	UNK
UNK647	91647	94.2	UNK
UNK654	91654	12.2	PHTHALATE
UNK656	91656	39.4	UNK
UNK672	91672	4170	UNK
UNK695	91695	4100	UNK

PARAMETERS	STORET #	23-191 T4CC2	TENTATIVE ID
UNITS	METHOD	15	
DATE	09/04/86		
TIME	15:15		
UNK515	91515	10.7	1,1,2-TRICHLOROETHANE
UNK531	91531	16.7	1,1,2,2-TETRACHLOROETHANE
UNK551	91551	6.10	UNK
UNK565	91565	263	CAPROLACTAM
UNK579	91579	13.7	UNK
UNK582	91582	7.86	UNK
UNK588	91588	23.2	HEXADECANE
UNK591	91591	19.9	ALKANE
UNK594	91594	50.2	HEPTADECANE
UNK595	91595	24.7	2,6,10,14-TETRAMETHYLPENTADECANE
UNK597	91597	6.52	ALKENE
UNK600	91600	29.2	OCTADECANE
UNK601	91601	18.0	ALKANE, ALKENE
UNK605	91605	27.3	NONADECANE
UNK611	91611	10.9	ALKANE
UNK642	91642	660	UNK
UNK671	91671	2370	UNK
UNK694	91694	2150	UNK

	23-192		
PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	17	
DATE	09/05/86		
TIME	16:00		
UNK564	91564	29.9	CAPROLACTAM
UNK582	91582	7.54	N-PENTADECANE
UNK588	91588	26.3	N-HEXADECANE
UNK591	91591	13.6	ALKENE
UNK594	91594	49.3	N-HEPTADECANE
UNK595	91595	17.9	2,6,10,16-TETRAMETHYLPENTADECANE
UNK598	91598	6.92	ALKENE
UNK600	91600	36.0	N-OCTADECANE
UNK601	91601	15.9	2,6,10,14-TETRAMETHYLHEXADECANE
UNK605	91605	25.0	N-NONADECANE
UNK609	91609	68.0	UNK
UNK611	91611	14.6	N-EICOSANE
UNK622	91622	20.6	UNK
UNK638	91638	50.1	UNK
UNK642	91642	355	UNK
UNK647	91647	22.2	UNK
UNK656	91656	11.6	UNK
UNK671	91671	1460	UNK
UNK693	91693	1170	UNK

		23125	
PARAMETERS	STORET #	T40C2	TENTATIVE ID
UNITS	METHOD	10	
DATE	09/25/86		
TIME	15:24		
UNK055	91055	*OK9.70	THF
UNK089	91089	*BK0	NO MATCH
UNK129	91129	*BK0	NO MATCH
UNK174	91174	*BK0	NO MATCH
UNK653	91653	331	CORRESPONDING LOT-HIT-NOT FOUND

PARAMETERS	STORET #	23142 T4CC	TENTATIVE ID
UNITS	METHOD	13	
DATE	06/26/86		
TIME	08:47		
UNK055	91055	31.7	
UNK064	91064	156	
UNK515	91515	7.39	1,1,2-TRICHLOROETHANE
UNK517	91517	15.2	CYCLOPENTANONE
UNK532	91532	13.6	1,1,2,2-TETRACHLOROETHANE
UNK551	91551	10.3	UNK
UNK563	91563	15.7	UNK
UNK575	91575	10.6	N-TETRADECANE
UNK579	91579	46.4	DIMETHYL PHTHALATE, UNK
UNK582	91582	44.4	N-PENTADECANE, UNK
UNK586	91586	13.3	ALIPHATIC HYDROCARBON
UNK587	91587	96.8	UNK
UNK588	91588	46.1	N-HEXADECANE
UNK591	91591	73.0	ALIPHATIC HYDROCARBON, 2,6,10-TRIMETHYLPENTADECANE ALKENE OR ALCOHOL
UNK592	91592	20.3	ALKANE, ALIPHATIC HYDROCARBON
UNK594	91594	157	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADIENE
UNK596	91596	15.5	ALIPHATIC HYDROCARBON
UNK597	91597	18.0	ALIPHATIC HYDROCARBON
UNK600	91600	134	N-OCTADECANE, 2,6,10,14-TETRA-METHYLHEXADECANE
UNK602	91602	14.1	ALIPHATIC HYDROCARBON
UNK603	91603	17.0	ALIPHATIC HYDROCARBON
UNK604	91604	7.16	ALIPHATIC HYDROCARBON
UNK605	91605	70.9	N-NONADECANE
UNK607	91607	6.80	ALIPHATIC HYDROCARBON
UNK608	91608	8.96	ALIPHATIC HYDROCARBON
UNK610	91610	33.1	N-EICOSANE
UNK615	91615	12.0	N-HEHEICOSANE
UNK617	91617	15.3	ALKENE OR ALCOHOL
UNK621	91621	7.17	ALIPHATIC HYDROCARBON
UNK635	91635	22.0	A PHTHALATE, BIS(2-ETHYLHEXYL)-PHTHALATE

PARAMETERS UNITS	STORET # METHOD	23177 TICC 15	TENTATIVE ID
DATE	06/12/86		
TIME	15:00		
UNK575	91575	11.3	N-TETRADECANE
UNK578	91578	6.56	C14 ALKENE
UNK579	91579	6.87	C15 ALKENE
UNK582	91582	47.5	N-PENTADECANE
UNK585	91585	11.8	C16 ALKENE, ALKENE
UNK586	91586	15.4	C16 ALKENE
UNK588	91588	154	N-HEXADECANE
UNK591	91591	65.7	C17 ALKENE, 2,6,10-TRIMETHYL-PENTADECANE
UNK592	91592	16.0	C17 ALKENE
UNK594	91594	259	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK596	91596	25.1	C18 ALKENE
UNK597	91597	20.1	C17 OR C18 ALKENE
UNK598	91598	6.36	C18 ALKENE
UNK600	91600	257	N-OCTADECANE, 2,6,10,14-TETRA-METHYLHEXADECANE
UNK601	91601	BK	
UNK602	91602	21.1	C19 ALKENE
UNK603	91603	30.8	C19 ALKENE
UNK604	91604	9.38	C19 ALKENE
UNK605	91605	112	N-NONADECANE
UNK610	91610	55.8	N-EICOSANE
UNK614	91614	6.58	C21 ALKENE
UNK615	91615	19.5	N-HENEICOSANE
UNK620	91620	7.69	N-DOCOSANE
UNK621	91621	8.75	C22 ALKENE
UNK642	91642	71.0	UNK
UNK664	91664	414	

PARAMETERS	STORET #	T4CC	TENTATIVE ID
UNITS	METHOD	16	
DATE	06/12/86		
TIME	09:42		
UNK161	91161	24400	NO MATCH
UNK515	91515	6.52	1,1,2-TRICHLOROETHANE
UNK517	91517	40.5	CYCLOPENTANONE
UNK519	91519	17.7	TETRACHLOROETHENE
UNK532	91532	22.2	1,1,2,2-TETRACHLOROETHANE
UNK536	91536	16.3	UNK
UNK540	91540	8.68	PHOSPHOROTHIDIC ACID, TRIMETHYL ESTER
UNK551	91551	24.4	UNK
UNK553	91553	41.9	UNK
UNK554	91554	19.7	UNK
UNK555	91555	106	UNK
UNK558	91558	20.0	UNK
UNK559	91559	17.0	UNK
UNK560	91560	6.56	UNK
UNK561	91561	20.6	UNK
UNK562	91562	33.2	HEXACHLOROBUTADIENE
UNK563	91563	28.7	UNK
UNK566	91566	32.3	UNK
UNK567	91567	20.4	UNK
UNK568	91568	16.7	8-OXATRICYCLO(2,2,2,0,2,6)-OCTAN-7-ONE (c17c18)
UNK570	91570	129	UNK
UNK572	91572	39.1	UNK
UNK573	91573	30.1	UNK
UNK574	91574	9.21	TETRACHLOROBENZENE
UNK575	91575	20.3	METHYLSULFOXYLBENZENE
UNK577	91577	65.4	UNK
UNK579	91579	250	UNK
UNK580	91580	544	UNK
UNK581	91581	38.1	UNK
UNK582	91582	51.6	UNK
UNK583	91583	102	2-(4-METHYL-2-FURYL)-2-CYCLO-PENTEN-/ONE, UNK
UNK584	91584	83.8	UNK
UNK587	91587	174	UNK
UNK588	91588	85.8	N-HEXADECANE
UNK589	91589	14.2	UNK
UNK590	91590	11.7	UNK
UNK591	91591	35.5	UNK, 2,6,10-TRIMETHYLPENTADECANE
UNK592	91592	7.55	UNK
UNK593	91593	8.40	UNK
UNK594	91594	133	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK595	91595	23.2	UNK
UNK596	91596	19.6	UNK
UNK597	91597	7.56	UNK
UNK598	91598	10.8	UNK

UNK600	91600	14.7	2,6,10,14-TETRAMETHYLHEXADECANE
UNK602	91602	31.7	UNK
UNK605	91605	62.7	N-NONADECANE
UNK606	91606	17.8	UNK
UNK608	91608	63.3	UNK, HEXADECANOIC ACID
UNK609	91609	10.3	DIHYDROXYLMETHYLBENZOATE
UNK610	91610	19.7	N-EICOSANE
UNK615	91615	7.90	N-HENEICOSANE
UNK619	91619	6.51	N-DOCOSANE
UNK620	91620	13.2	UNK
UNK621	91621	8.46	UNK
UNK622	91622	8.36	CHLORINATED COMPOUND W/ 4CL
UNK623	91623	7.56	UNK
UNK625	91625	12.0	UNK
UNK631	91631	10.4	UNK
UNK633	91633	10.6	CHLORINATED COMPOUND (cl4)
UNK635	91635	7.46	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	91642	14.1	UNK

PARAMETERS	STORET #	23179 T4CC2	TENTATIVE ID
UNITS	METHOD	12	
DATE	09/02/86		
TIME	09:57		
UNK044	91044	6.40	2 PROPANIL
UNK053	91053	4.50	NO MATCH
UNK123	91123	30.8	ISOMER OF DICYCLOPENTADIENE
UNK144	91144	10.8	ISOMER OF DICYCLOPENTADIENE
UNK158	91158	54.7	ISOBUTYLBENZENE
UNK161	91161	699	ISOBUTYLBENZENE
UNK515	91515	17.2	1,1,2-TRICHLOROETHANE
UNK518	91518	46.2	TETRACHLOROETHENE
UNK531	91531	25.9	1,1,2,2-TETRACHLOROETHANE
UNK535	91535	21.2	UNK
UNK540	91540	50.4	UNK
UNK551	91551	36.3	UNK
UNK552	91552	20.4	UNK
UNK553	91553	48.7	UNK
UNK554	91554	32.2	UNK
UNK555	91555	174	UNK
UNK558	91558	24.8	UNK
UNK562	91562	19.1	HEXACHLOROBUTADIENE
UNK566	91566	1790	CAPROLACTAM
UNK569	91569	30.5	POSSILBY 8-OXATRICYCLO-(2,2,2,0,2,6)OCTAN-2-ONE
UNK570	91570	84.9	UNK
UNK571	91571	106	UNK
UNK572	91572	79.9	UNK
UNK573	91573	24.0	ALIPHATIC CYCLIC COMPOUND
UNK574	91574	24.6	UNK
UNK575	91575	32.7	UNK
UNK577	91577	126	UNK
UNK580	91580	1300	UNK
UNK581	91581	30.2	UNK
UNK582	91582	64.9	UNK
UNK583	91583	86.9	UNK
UNK584	91584	51.9	UNK
UNK587	91587	365	ALIPHATIC CYCLIC COMPOUND
UNK588	91588	38.3	UNK
UNK589	91589	22.7	UNK
UNK591	91591	19.0	HEPTACHLORO-BICYCLO-[2,2,1]-HEPT-2-ENE
UNK594	91594	20.9	UNK
UNK595	91595	17.8	UNK
UNK602	91602	75.5	UNK
UNK605	91605	37.7	UNK
UNK606	91606	52.0	UNK
UNK608	91608	121	UNK
UNK609	91609	17.4	UNK
UNK642	91642	255	UNK
UNK671	91671	1080	UNK
UNK693	91693	854	UNK

PARAMETERS		23182		
	STORET #	T4CC2	TENTATIVE ID	
UNITS	METHOD	14		
DATE	09/04/86			
TIME	10:12			
UNK642	91642	186	UNK	
UNK652	91652	110	UNK	
UNK671	91671	680	UNK	
UNK693	91693	413	UNK	

PARAMETERS	STORET #	23183 T4CC2	TENTATIVE ID
UNITS	METHOD	15	
DATE	09/04/86		
TIME	14:07		
UNK579	91579	5.88	DIMETHYL PHTHALATE
UNK587	91587	39.9	UNK

PARAMETERS	STORET #	23185 T4CC	TENTATIVE ID
UNITS	METHOD	17	
DATE	06/19/86		
TIME	10:03		
UNK515	91515	8.38	1,1,2-TRICHLOROETHANE
UNK532	91532	14.2	1,1,2,2-TETRACHLOROETHANE
UNK562	91562	15.2	UNK
UNK563	91563	16.3	UNK
UNK576	91576	23.8	UNK
UNK582	91582	6.98	UNK
UNK588	91588	14.9	UNK
UNK591	91591	8.09	C17 OR C18 ALKANE
UNK594	91594	38.3	N-HEPTADECANE
UNK600	91600	12.7	2,6,10,14-TETRAMETHYLHEXADECANE
UNK605	91605	21.1	N-NONADECANE
UNK610	91610	11.7	N-HENEICOSANE
UNK628	91628	14.5	OCTADECANAMIDE, UNK
UNK642	91642	10.8	BIS(2-ETHYLHEXYL)PHTHALATE

PARAMETERS	STORET #	T4CC	TENTATIVE ID
	23188		
UNITS	METHOD	18	
DATE	06/19/86		
TIME	11:46		
UNK129	91129	13.5	1,4 DITHIAN
UNK161	91161	7.60	NO MATCH
UNK517	91517	18.2	CYCLOPENTANONE
UNK532	91532	10.4	1,1,2,2-TETRACHLOROETHANE
UNK541	91541	7.18	UNK
UNK553	91553	10.3	UNK
UNK555	91555	16.6	UNK
UNK558	91558	8.24	POSSIBLY N-HEXYLACETAMIDE
UNK561	91561	19.2	N,N'-BIS(1-METHYLETHYL)UN
UNK563	91563	6.60	UNK
UNK566	91566	9.13	UNK
UNK569	91569	27.3	UNK
UNK570	91570	52.2	UNK
UNK572	91572	7.52	UNK
UNK574	91574	9.41	UNK
UNK575	91575	9.87	UNK
UNK576	91576	17.6	UNK
UNK577	91577	11.3	UNK
UNK579	91579	6.58	UNK
UNK580	91580	251	UNK
UNK581	91581	7.26	UNK
UNK582	91582	33.1	N-PENTADECANE
UNK583	91583	11.2	POSSIBLY 2-(4-METHYL-2-FURYL)?
UNK584	91584	18.2	UNK
UNK586	91586	45.6	UNK
UNK587	91587	6.74	C12 ALKYNE
UNK588	91588	79.7	N-HEXADECANE, ALKENE OR ALCOHOL
UNK591	91591	32.5	ALKANE, 2,6,10-TRIMETHYL-PENTADECANE
UNK594	91594	137	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK596	91596	15.5	C18 ALKANE
UNK597	91597	13.4	C17 ALKENE
UNK599	91599	86.9	N-OCTADECANE
UNK600	91600	23.7	2,6,10,14-TETRAMETHYLHEXADECANE
UNK602	91602	36.2	UNK
UNK603	91603	16.2	ALKENE
UNK605	91605	72.4	N-NONADECANE, ALKANE OR ALKENE
UNK608	91608	15.0	ALKENE
UNK610	91610	32.0	N-EICOSANE
UNK615	91615	11.7	N-HENEICOSANE
UNK620	91620	7.65	UNK
UNK621	91621	7.80	UNK

PARAMETERS	STORET #	TICC	TENTATIVE ID
UNITS	METHOD	1)	
DATE	06/19/86		
TIME	12:41		
UNK532	91532	7.31	1,1,2,2-TETRACHLOROETHANE
UNK575	91575	8.75	N-TETRADECANE
UNK579	91579	6.28	ALKANE
UNK582	91582	48.6	N-PENTADECANE
UNK585	91585	33.6	ALKENE
UNK586	91586	41.9	ALKANE, DODECANOIC ACID, ALKENE
UNK588	91588	190	N-HEXADECANE
UNK591	91591	74.0	ALKANE, 2,6,10-TRIMETHYL-PENTADECANE, ALKENE
UNK592	91592	19.1	ALKANE, ALKENE
UNK594	91594	267	ALKANE, N-HEPTADECANE, 2,6,10,14-TETRAMETHYLPENTANONE
UNK596	91596	30.1	ALKANE
UNK597	91597	65.8	ALKENE
UNK598	91598	7.57	ALKENE
UNK600	91600	228	N-OCTADECANE, 2,6,10,14-TETRA-METHYLHEXADECANE
UNK602	91602	23.6	ALKANE OR ALKENE
UNK603	91603	34.4	ALKENE
UNK605	91605	143	ALKANE, N-NONADECANE
UNK607	91607	9.65	ALKENE
UNK608	91608	28.1	ALKENE
UNK610	91610	59.9	N-EICOSANE
UNK614	91614	7.79	ALKENE
UNK615	91615	18.6	N-HENEICOSANE
UNK617	91617	15.7	ALKENE OR ALCOHOL
UNK619	91619	8.30	ALKENE
UNK620	91620	7.31	DOCOSANE OR ALKENE
UNK621	91621	9.35	ALIPHATIC HYDROCARBON
UNK635	91635	92.9	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	91642	35.6	UNK

PARAMETERS UNITS	STORET # METHOD	24178 T-CC 20	TENTATIVE ID
DATE	06/19/86		
TIME	14:22		
UNK519	91519	21.0	TETRACHLOROETHENE
UNK589	91589	33.7	UNK
UNK591	91591	6.12	1,2,3,4,5,7,7-HEPTACHLORNOR-BORNENE
UNK594	91594	9.79	2,6,10,14-TETRAMETHYLPENTADIENE
UNK600	91600	11.5	2,6,10,14-TETRAMETHYLHEXADIENE
UNK629	91629	26.2	POSSIBLY A BENZOTHIAZENE
UNK635	91635	6.90	BIS(2-ETHYLHEXYL)PHTHALATE

PARAMETERS	STORET #	24178 T4CC2	TENTATIVE ID
UNITS	METHOD	18	
DATE	09/22/86		
TIME	14:50		
UNK518	91518	32.1	TETRACHLOROETHANE
UNK589	91589	23.1	UNK
UNK629	91629	19.4	UNK

PARAMETERS	STORET #	25016 T4CC2	TENTATIVE ID
UNITS	METHOD	20	
DATE	09/05/86		
TIME	11:06		
UNK568	91568	2350	CAPROLACTAM
UNK571	91571	21.9	UNK
UNK599	91599	21.5	UNK
UNK617	91617	19.3	ALKENE OR ALCOHOL
UNK618	91618	49.4	OCTADECANOIC ACID, UNK
UNK619	91619	14.7	UNK
UNK620	91620	27.7	AN ALIPHATIC AMIDE, POSSIBLY HEXADECANAMIDE
UNK622	91622	81.6	UNK
UNK625	91625	6.91	UNK
UNK626	91626	7.32	UNK
UNK628	91628	305	AN ALIPHATIC AMIDE, LIKELY OCTADECENAMIDE
UNK629	91629	53.8	OCTADECANAMIDE
UNK635	91635	15.0	PHTHALATE
UNK636	91636	12.5	PHTHALATE
UNK637	91637	15.1	UNK
UNK638	91638	57.4	UNK
UNK642	91642	676	UNK
UNK647	91647	21.9	UNK
UNK652	91652	230	UNK
UNK656	91656	95.0	UNK
UNK671	91671	3470	UNK
UNK694	91694	2550	UNK

PARAMETERS	STORET #	TECC	TENTATIVE ID
UNITS	METHOD	21	
	25023		
DATE	06/25/86		
TIME	08:36		
UNK517	91517	13.8	UNK
UNK551	91551	14.9	UNK
UNK608	91608	9.06	HEXADECANOIC ACID
UNK617	91617	7.69	OCTADECANOIC ACID
UNK619	91619	6.01	
UNK620	91620	6.75	UNK
UNK623	91623	6.01	UNK
UNK628	91628	20.0	AN AMIDE, OCTADECANAMIDE
UNK635	91635	19.6	BIS(2-ETHYLHEXYL)PHTHALATE
UNK636	91636	6.30	UNK
UNK642	91642	26.6	UNK

PARAMETERS	STORET #	26011 T4CC2	TENTATIVE ID
UNITS	METHOD	21	
DATE	09/19/86		
TIME	08:54		
UNK565	91565	216	CAPROLACTAM
UNK579	91579	34.7	UNK
UNK585	91585	11.4	UNK
UNK642	91642	757	UNK
UNK671	91671	3760	UNK
UNK694	91694	3680	UNK

PARAMETERS	STORET #	26015 T4CC2	TENTATIVE ID
UNITS	METHOD	22	
DATE	09/22/86		
TIME	09:10		
UNK055	91055	53.5	THF
UNK562	91562	8.04	N-N'-BIS(1-METHYLETHYL)UREA
UNK565	91565	375	CAPROLACTAM
UNK570	91570	28.5	UNK
UNK579	91579	26.9	UNK
UNK602	91602	7.28	UNK
UNK609	91609	7.37	UNK
UNK642	91642	18.9	UNK
UNK671	91671	61.9	UNK
UNK693	91693	35.4	UNK

PARAMETERS	STORET #	26017 T4CC2	TENTATIVE ID
UNITS	METHOD	23	
DATE	09/22/86		
TIME	10:53		
UNK055	91055	26.0	THF
UNK565	91565	221	CAPROLACTAM
UNK642	91642	48.3	UNK
UNK671	91671	113	UNK
UNK693	91693	58.1	UNK

PARAMETERS	STORET #	26020	TENTATIVE ID
UNITS	METHOD	24	
DATE	09/23/86		
TIME	08:45		
UNK055	91055	122	THF

PARAMETERS	STORET #	26041 T4CC	TENTATIVE ID
UNITS	METHOD	23	
DATE	06/27/86		
TIME	10:28		
UNK020	91020	247	UNK
UNK044	91044	277	2 PROPANOL
UNK049	91049	28.3	DIMETHOXYMETHANE
UNK055	91055	23.4	THF
UNK123	91123	34.8	1,3-CYCLOPENTADIENE
UNK129	91129	46.4	1,4-DITHIAM
UNK156	91156	28.2	NO MATCH
UNK161	91161	141	TETRACYCLOHEPTANE
UNK513	91513	15.3	PYRIDINE
UNK514	91514	60.7	N-PROPYLPROPANAMINE
UNK515	91515	921	TOLUENE
UNK517	91517	182	CYCLOPENTANONE
UNK522	91522	21.2	CYCLOPENTEN-/-ONE
UNK523	91523	453	4-HYDROXY-4-METHYL-2-PENTANONE
UNK530	91530	8680	DMMP
UNK536	91536	1720	UNK
UNK540	91540	1080	METHYL-2,4-PENTANEDIOL
UNK543	91543	18.5	UNK
UNK546	91546	195	3,3,5-TRIMETHYLCYCLOHEXANON
UNK548	91548	501	POSSIBLY PHENOL
UNK554	91554	377	POSSIBLY CHLOROMETHYL PHENOL
UNK555	91555	882	TRIETHYLPHOSPHATE
UNK560	91560	2280	UNK
UNK561	91561	101	UNK
UNK566	91566	564	UNK
UNK568	91568	2500	UNK
UNK570	91570	398	CHLOROMETHYL PHENOL
UNK571	91571	48.4	CHLOROMETHYL PHENOL
UNK574	91574	242	UNK
UNK575	91575	53.0	AN ACID
UNK576	91576	195	METHYL SULFOXYL BENZENE
UNK578	91578	68.2	UNK
UNK579	91579	24.8	UNK
UNK586	91586	2320	UNK
UNK587	91587	1160	UNK
UNK588	91588	1160	UNK
UNK590	91590	1160	UNK
UNK591	91591	41.1	HEPTACHLORONOLBORENE
UNK594	91594	22.5	N-HEPTADECANE
UNK595	91595	36.7	UNK
UNK597	91597	9.90	UNK
UNK598	91598	32.7	TETRADECANOIC ACID
UNK606	91606	2060	UNK
UNK611	91611	427	UNK
UNK614	91614	1090	MOLECULAR SULFUR (S8)
UNK618	91618	567	ALCOHOL
UNK619	91619	66.3	UNK

UNK621	91621	44.8	UNK
UNK627	91627	76.0	AN AMIDE
UNK629	91629	29.7	UNK
UNK634	91634	111	UNK
UNK635	91635	19.7	PHTHALATE
UNK637	91637	12.3	UNK
UNK642	91642	834	UNK
UNK646	91646	15.9	UNK
UNK654	91654	33.3	OCTANOIC ACID
UNK656	91656	143	UNK
UNK669	91669	26.7	UNK
UNK672	91672	4450	UNK

PARAMETERS UNITS	STORET # METHOD	26041 T4CC2 25	TENTATIVE ID
DATE	09/23/86		
TIME	07:10		
UNK035	91035	5280	DIMETHYL SULFIDE
UNK043	91043	170	NO MATCH
UNK162	91162	295	SILOSANE
UNK175	91175	216	TRIMETHYLCYCLOHEXANE
UNK514	91514	464	TOLUENE
UNK523	91523	126	4-HYDROXY-4-METHYL-2-PENTANONE
UNK528	91528	5480	DMMP
UNK533	91533	924	POSSIBLY 2-METHYL-2,4-PENTANOL
UNK545	91545	126	POSSIBLY TRIMETHYLCYCLOHEXANONE
UNK554	91554	304	TRIETHYL ESTER OF PHOSPHORIC ACID
UNK557	91557	728	UNK
UNK561	91561	916	UNK
UNK562	91562	280	UNK
UNK564	91564	121	CAPROLACTAM
UNK566	91566	344	BICYCLO COMPOUND, POSSIBLY CHLOROMETHYL PHENOL
UNK569	91569	552	UNK
UNK578	91578	165	UNK
UNK582	91582	212	UNK
UNK584	91584	492	UNK
UNK586	91586	836	UNK, CYCLO COMPOUND
UNK587	91587	944	UNK, CYCLO COMPOUND
UNK602	91602	1460	SULFUR CONTAINING COMPOUND
UNK605	91605	297	UNK
UNK606	91606	680	UNK
UNK608	91608	748	UNK
UNK609	91609	792	UNK
UNK614	91614	944	MOLECULAR SULFUR
UNK615	91615	184	UNK
UNK618	91618	339	UNK
UNK619	91619	241	UNK
UNK621	91621	351	UNK
UNK622	91622	148	UNK
UNK636	91636	656	PHTHALATE
UNK642	91642	440	UNK
UNK671	91671	1010	UNK
UNK693	91693	560	UNK

PARAMETERS	STORET #	26066 TICC	TENTATIVE ID
UNITS	METHOD	22	
DATE	06/25/86		
TIME	09:25		
UNK041	91041	5.10	NO MATCH
UNK056	91056	12.6	THF
UNK080	91080	30.2	THIOPHENE
UNK129	91129	122	1,4-DITHIANE
UNK524	91524	10.6	CHLOROBENZENE
UNK551	91551	6.77	POSSIBLY BUTYLGLYCOLACETATE
UNK558	91558	15.6	POSSIBLY 1,3-DITHIOLANE-2-THION
UNK563	91563	24.9	UNK
UNK566	91566	344	CAPROLACTAM
UNK573	91573	21.7	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK578	91578	11.1	UNK
UNK580	91580	13.7	A CHLOROHYDORCARBON
UNK608	91608	10.9	HEXADECANOIC ACID
UNK617	91617	10.9	OCTADECANOIC ACID
UNK635	91635	8.79	BIS(2-ETHYLHEXYL)PHTHALATE
UNK637	91637	11.1	UNK
UNK642	91642	265	UNK
UNK647	91647	10.5	UNK
UNK655	91655	6.33	UNK
UNK657	91657	12.3	UNK
UNK664	91664	8.32	UNK
UNK674	91674	1540	UNK

PARAMETERS	STORET #	TICC	TENTATIVE ID
UNITS	METHOD	24	
DATE	06/26/86		
TIME	09:52		
UNK551	91551	5.57	POSSIBLY BUTYLGLYCOLACETATE
UNK567	91567	1560	CAPROLACTAM
UNK627	91627	7.52	AN AMIDE
UNK635	91635	6.05	A PHTHALATE
UNK637	91637	46.0	UNK
UNK642	91642	960	UNK
UNK657	91657	58.7	UNK
UNK666	91666	19.8	UNK
UNK667	91667	25.2	UNK
UNK668	91668	43.9	UNK
UNK675	91675	4690	UNK

PARAMETERS UNITS	STORET # METHOD	26083 T4CC 25	TENTATIVE ID
DATE	06/23/86		
TIME	14:52		
UNK517	91517	6.37	CYCLOPENTANONE
UNK530	91530	6.54	CYCLOHEXANONE
UNK532	91532	8.55	1,1,2,2-TETRACHLOROETHANE
UNK538	91538	10.1	UNK
UNK545	91545	6.37	ALIPHATIC HYDROCARBON
UNK546	91546	7.27	ALIPHATIC HYDROCARBON
UNK582	91582	23.3	N-PENTADECANE
UNK586	91586	17.6	ALIPHATIC HYDROCARBON
UNK588	91588	126	ALIPHATIC HYDROCARBON, N-HEXADECANE
UNK591	91591	73.6	ALIPHATIC HYDROCARBON
UNK592	91592	18.1	ALIPHATIC HYDROCARBON
UNK594	91594	280	N-HEPTADECANE, ALIPHATIC HYDROCARBON
UNK596	91596	37.2	ALIPHATIC HYDROCARBON
UNK597	91597	23.7	ALIPHATIC HYDROCARBON
UNK598	91598	8.60	ALIPHATIC HYDROCARBON
UNK600	91600	205	N-OCTADECANE, ALIPHATIC HYDROCARBON
UNK601	91601	8.57	ALIPHATIC HYDROCARBON
UNK602	91602	27.5	ALIPHATIC HYDROCARBON
UNK603	91603	53.0	ALIPHATIC HYDROCARBON
UNK605	91605	210	ALIPHATIC HYDROCARBON, N-NONADECANE
UNK607	91607	19.5	ALIPHATIC HYDROCARBON
UNK608	91608	28.1	ALIPHATIC HYDROCARBON
UNK610	91610	95.5	N-EICOSANE
UNK612	91612	20.0	ALKENE OR ALCOHOL
UNK614	91614	17.4	ALKENE OR ALCOHOL
UNK615	91615	32.2	N-HENEICOSANE
UNK621	91621	1080	ALKENE OR ALCOHOL, UNK
UNK635	91635	14.6	PHTHALATE AND HYDROCARBON
UNK642	91642	38.8	UNK
UNK646	91646	152	UNK
UNK659	91659	104	UNK
UNK663	91663	410	UNK
UNK668	91668	52.8	CHOLEST-3-ENE (c27h46)
UNK672	91672	14.6	UNK

PARAMETERS	STORET #	26084 T4CC	TENTATIVE ID
UNITS	METHOD	26	
DATE	06/23/86		
TIME	13:57		
UNK056	91056	17.0	THF
UNK515	91515	13.2	TOLUENE
UNK517	91517	9.85	CYCLOPENTANONE
UNK562	91562	15.2	UNK
UNK575	91575	29.5	TETRADECANE
UNK576	91576	22.5	ALKENE OR ALCOHOL OR ACID
UNK578	91578	12.3	ALKENE OR ALCOHOL
UNK579	91579	19.3	ALIPHATIC HYDROCARBON
UNK582	91582	130	PENTADECANE
UNK585	91585	53.0	ALIPHATIC HYDROCARBON
UNK586	91586	47.8	ALIPHATIC HYDROCARBON
UNK588	91588	467	ALIPHATIC HYDROCARBON
UNK591	91591	128	ALIPHATIC HYDROCARBON
UNK592	91592	50.1	ALIPHATIC HYDROCARBON
UNK594	91594	843	HEPTADECANE, ALIPHATIC HYDROCARBON
UNK597	91597	56.5	ALIPHATIC HYDROCARBON
UNK598	91598	64.0	ALIPHATIC HYDROCARBON
UNK600	91600	726	OCTADECANE, ALIPHATIC HYDROCARBON
UNK602	91602	60.2	ALIPHATIC HYDROCARBON
UNK603	91603	123	ALIPHATIC HYDROCARBON
UNK605	91605	378	NONADECANE
UNK607	91607	18.3	ALIPHATIC HYDROCARBON
UNK608	91608	31.2	ALIPHATIC HYDROCARBON
UNK610	91610	227	EICOSANE
UNK612	91612	27.1	ALKENE OR ALCOHOL
UNK614	91614	33.6	ALIPHATIC HYDROCARBON
UNK615	91615	80.6	HENEICOSANE
UNK617	91617	25.2	ALIPHATIC HYDROCARBON
UNK620	91620	35.6	DOCOSANE
UNK623	91623	27.6	ALKENE OR ALCOHOL
UNK627	91627	14.6	ALKENE OR ALCOHOL
UNK642	91642	53.1	UNK
UNK662	91662	95.4	UNK
UNK674	91674	45.1	UNK

PARAMETERS	STORET #	26085 T4CC	TENTATIVE ID
UNITS	METHOD	27	
DATE	06/26/86		
TIME	14:20		
UNK055	91055	5.60	NO MATCH
UNK553	91553	9.48	UNK
UNK558	91558	28.8	1,3-DITHIOLANE-2-THIONE
UNK560	91560	6.39	UNK
UNK561	91561	8.85	UNK
UNK566	91566	332	CAPROLACTAM
UNK573	91573	26.4	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK574	91574	195	UNK
UNK578	91578	6.55	SULFUR COMPOUND
UNK581	91581	11.2	UNK
UNK582	91582	56.7	UNK
UNK585	91585	10.4	UNK
UNK589	91589	7.10	UNK
UNK608	91608	9.49	HEXADECANOIC ACID
UNK617	91617	24.2	ALKENE OR ALCOHOL
UNK624	91624	3940	UNK
UNK632	91632	11.2	PHTHALATE, BIS(2-ETHYLHEXYL)-PHTHALATE
UNK635	91635	26.0	PHTHALATE, BIS(2-ETHYLHEXYL)-PHTHALATE
UNK637	91637	47.2	UNK
UNK640	91640	10.2	PHTHALATE
UNK642	91642	245	UNK
UNK647	91647	14.1	UNK
UNK650	91650	8.71	PHTHALATE
UNK655	91655	9.27	PHTHALATE
UNK657	91657	19.9	UNK
UNK665	91665	972	UNK
UNK674	91674	1570	UNK
UNK685	91685	6.20	UNK

PARAMETERS / UNITS	STORET # / METHOD	26086 / T4CC 28	TENTATIVE ID
DATE	06/24/86		
TIME	13:55		
UNK055	91055	167	THF
UNK517	91517	12.2	CYCLOPENTANONE
UNK518	91518	10.7	HEXANOL
UNK547	91547	14.7	UNK
UNK558	91558	9.66	1,3-DITHIOLANE-2-THIONE
UNK563	91563	56.0	UNK
UNK572	91572	104	UNK
UNK577	91577	92.9	UNK
UNK582	91582	74.6	PENTADECANE
UNK586	91586	38.0	ALIPHATIC HYDROCARBON, DODECANOIC ACID
UNK588	91588	368	HEXADECANE
UNK591	91591	132	ALIPHATIC HYDROCARBON
UNK592	91592	35.8	ALIPHATIC HYDROCARBON
UNK594	91594	563	HEPTADECANE
UNK596	91596	58.5	ALIPHATIC HYDROCARBON
UNK597	91597	36.2	ALIPHATIC HYDROCARBON
UNK598	91598	113	ALIPHATIC HYDROCARBON, TETRADECANOIC ACID
UNK600	91600	581	OCTADECANE, ALIPHATIC HYDROCARBON
UNK602	91602	59.7	ALIPHATIC HYDROCARBON
UNK603	91603	115	ALIPHATIC HYDROCARBON
UNK605	91605	369	ALIPHATIC HYDROCARBON, NONADECANE
UNK608	91608	358	ALKENE OR ALCOHOL
UNK610	91610	213	EICOSANE
UNK612	91612	16.8	ALKENE OR ALCOHOL
UNK614	91614	81.5	ALKENE OR ALCOHOL
UNK615	91615	91.1	HENEICOSANE
UNK618	91618	1430	ALKENE OR ALCOHOL
UNK619	91619	97.1	OCTADECANOIC ACID, ALKENE
UNK620	91620	53.0	DOCOSANE
UNK628	91628	18.8	ALKENE OR ALCOHOL
UNK632	91632	35.3	PHTHALATE
UNK635	91635	64.7	PHTHALATE
UNK640	91640	57.5	PHTHALATE
UNK641	91641	12.9	ALKENE
UNK642	91642	117	UNK
UNK643	91643	55.8	PHTHALATE
UNK650	91650	28.6	PHTHALATE
UNK651	91651	10.1	PHTHALATE
UNK655	91655	69.9	PHTHALATE
UNK671	91671	9.67	OIL, C15 TO C30

PARAMETERS / UNITS	STORET # / METHOD	26127 / T4CC / 29	TENTATIVE ID
DATE	06/26/86		
TIME	12:58		
UNK056	91056	7.43	THF
UNK129	91129	124	1,4-DITHIANE
UNK517	91517	8.90	CYCLOPENTANONE
UNK558	91558	7.32	POSSIBLY 1,3-DITHIOLANE-2-THIONE
UNK563	91563	25.2	UNK
UNK573	91573	9.57	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK574	91574	12.5	UNK
UNK575	91575	16.8	N-TETRADECANE
UNK578	91578	10.0	ALKENE OR ALCOHOL
UNK579	91579	13.7	ALKANE
UNK582	91582	82.4	N-PENTADECANE, UNK
UNK585	91585	45.2	ALIPHATIC HYDROCARBON, ALKENE OR ALCOHOL
UNK586	91586	31.8	ALKANE, ALKENE
UNK587	91587	15.0	ALKENE
UNK588	91588	275	ALKANE
UNK591	91591	119	ALKANE, 2,6,10-TRIMETHYL-PENTADECANE, ALKENE
UNK592	91592	27.0	ALIPHATIC HYDROCARBON
UNK594	91594	412	N-HEPTADECANE, 2,6,10-TETRA-METHYLPENTANONE
UNK596	91596	43.4	ALKANE OR ALKENE
UNK597	91597	37.0	ALKENE
UNK598	91598	9.22	ALKENE
UNK600	91600	297	N-OCTADECANE, 2,6,10,14-TETRA-METHYLHEXADECANOIC ACID
UNK602	91602	19.9	ALKANE
UNK603	91603	57.9	ALKENE OR ALCOHOL
UNK605	91605	208	ALKANE
UNK608	91608	14.8	ALKENE OR ALCOHOL
UNK610	91610	85.3	ALKENE
UNK614	91614	18.0	ALKENE
UNK615	91615	28.3	ALKENE
UNK621	91621	17.8	ALKENE
UNK627	91627	9.27	ALKENE OR ALCOHOL
UNK628	91628	13.0	ALKENE OR ALCOHOL
UNK642	91642	33.5	UNK
UNK663	91663	314	UNK

PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	26	
	26127		
DATE	09/29/86		
TIME	10:20		
UNK055	91055	*BK0	UNK
UNK089	91089	*OK5.50	CYCLOPENTANONE
UNK129	91129	*OK6.40	NO MATCH
UNK174	91174	*BK0	UNK
UNK563	91563	14.2	UNK
UNK573	91573	7.13	SULFER CONTAINING COMPOUND
UNK574	91574	11.0	POSSIBLY METHOXY BENZALDEHYDE
UNK582	91582	7.27	UNK
UNK642	91642	16.9	UNK

PARAMETERS UNITS	STORET # METHOD	26128 T4CC 30	TENTATIVE ID
DATE	06/24/86		
TIME	13:34		
UNK055	91055	2180	THF
UNK059	91059	8.30	THF
UNK129	91129	30.5	NO MATCH
UNK563	91563	17.3	UNK
UNK573	91573	7.22	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK574	91574	15.9	UNK
UNK582	91582	7.08	UNK
UNK608	91608	644	MOLECULAR SULFUR (S8)
UNK617	91617	7.40	UNSATURATED ACID
UNK626	91626	12.2	UNK
UNK627	91627	6.35	UNK
UNK630	91630	25.7	BENZAMINE, 4-(METHYL-SULFOXYL)-2,6-DINITRO-N,N-DIPROPYL-PHTHALATE
UNK632	91632	10.5	PHTHALATE
UNK635	91635	31.5	PHTHALATE, BIS(2-ETHYLHEXYL)-PHTHALATE
UNK637	91637	14.0	UNK
UNK639	91639	6.93	UNK
UNK640	91640	22.9	PHTHALATE
UNK642	91642	73.9	UNK
UNK643	91643	33.9	PHTHALATE
UNK650	91650	14.7	PHTHALATE
UNK651	91651	6.23	PHTHALATE
UNK655	91655	33.0	PHTHALATE
UNK671	91671	11.0	PHTHALATE

PARAMETERS / UNITS	STORET # / METHOD	26133 / T4CC 31	TENTATIVE ID
DATE	06/27/86		
TIME	09:06		
UNK162	91162	567	NOT FOUND
UNK515	91515	366	TOLUENE
UNK519	91519	351	TETRACHLOROETHENE
UNK523	91523	154	POSSILBY 4-HYDROXY-4-METHYL-2-PENTANONE
UNK527	91527	53.9	XYLENE
UNK528	91528	318	DMMP
UNK530	91530	46.4	XYLENE
UNK535	91535	56.7	UNK
UNK536	91536	32.2	UNK
UNK539	91539	84.2	TRICYCLO[2,2,1.02,6]-HEPTAN-3-OL
UNK540	91540	29.5	TRIMETHYL ESTER OF PHOSPHORO-THIOIC ACID
UNK541	91541	41.8	UNK
UNK544	91544	22.5	UNK
UNK548	91548	168	UNK
UNK551	91551	125	UNK
UNK552	91552	54.3	UNK
UNK553	91553	114	UNK
UNK554	91554	57.7	UNK
UNK555	91555	178	UNK
UNK558	91558	117	UNK
UNK559	91559	40.9	UNK
UNK562	91562	74.9	HEXACHLOROBUTADIENE
UNK563	91563	27.3	POSSIBLY N,N'-BIS(1-METHYL-ETHYL)-UREA
UNK565	91565	106	CAPROLACTAM
UNK568	91568	26.5	CPMS ISOMER
UNK570	91570	43.1	UNK
UNK571	91571	75.8	UNK
UNK572	91572	24.0	UNK
UNK573	91573	172	UNK
UNK575	91575	27.0	METHYLSULFOXYLBENZENE
UNK576	91576	44.6	2,3-DICHLORO-2-METHYLBENZYL ALCOHOL
UNK577	91577	74.2	UNK
UNK579	91579	434	UNK
UNK580	91580	204	UNK
UNK584	91584	54.8	UNK
UNK589	91589	38.6	UNK
UNK591	91591	37.2	HEPTACHLOROBICYCLOHEPT-2-ENE
UNK602	91602	63.2	UNK
UNK605	91605	34.5	UNK
UNK606	91606	35.3	UNK
UNK608	91608	114	UNK
UNK609	91609	26.8	UNK
UNK642	91642	96.8	UNK
UNK672	91672	257	UNK

UNK694	91694	113	UNK

PARAMETERS		26133		
UNITS	STORET #	METHOD	T4CC2 27	TENTATIVE ID
DATE		09/19/86		
TIME		12:07		
UNK514	91514	173		TOLUENE
UNK518	91518	215		TETRACHLOROETHANE
UNK523	91523	59.9		4-HYDROXY-4-METHYL-2-PENTANONE
UNK526	91526	25.7		XYLENE
UNK528	91528	148		DMMP
UNK529	91529	28.0		XYLENE
UNK535	91535	23.4		POSSIBLY A BICYCLIC COMPOUND
UNK539	91539	35.9		POSSIBLY TRICYCLO[2,2,102,6]-HEPTAN-3-OL (c7h10o)
UNK540	91540	34.9		UNK
UNK547	91547	86.4		UNK
UNK551	91551	48.9		UNK
UNK552	91552	37.5		UNK
UNK553	91553	78.7		UNK
UNK554	91554	24.4		UNK
UNK555	91555	94.1		UNK
UNK557	91557	37.8		UNK
UNK558	91558	49.3		UNK
UNK562	91562	92.2		HEXACHLOROBUTADIENE
UNK563	91563	25.0		UNK
UNK565	91565	142		CAPROLACTAM
UNK569	91569	33.9		UNK
UNK570	91570	57.9		UNK
UNK571	91571	30.7		UNK
UNK573	91573	110		UNK
UNK577	91577	54.1		UNK
UNK579	91579	318		UNK
UNK580	91580	97.6		UNK
UNK582	91582	21.6		UNK
UNK584	91584	75.3		UNK
UNK587	91587	118		UNK
UNK589	91589	38.9		UNK
UNK591	91591	78.4		1,2,3,4,5,7,7-HEPTACHLORO-BICYCLO[2,2,1]HEPT-2-ENE
UNK596	91596	29.9		TETRACHLORINATED COMPOUND
UNK602	91602	27.3		UNK
UNK606	91606	88.3		UNK
UNK608	91608	76.6		UNK
UNK609	91609	30.1		POSSIBLY METHYLESTER OF DIHYDROXYBENZOIC ACID
UNK610	91610	28.7		UNK
UNK614	91614	203		MOLECULAR SULFUR (S8)
UNK621	91621	27.4		UNK
UNK642	91642	119		UNK
UNK653	91653	724		UNK
UNK670	91670	188		UNK
UNK692	91692	155		UNK

PARAMETERS UNITS	STORET # METHOD	26140 T4CC 32	TENTATIVE ID
DATE	06/24/86		
TIME	08:52		
UNK055	91055	126	THF
UNK129	91129	5.33	NO MATCH
UNK532	91532	7.04	1,1,2,2-TETRACHLOROETHANE
UNK631	91631	13.0	PHTHALATE
UNK632	91632	42.6	PHTHALATE
UNK635	91635	112	BIS(2-ETHYLHEXYL)PHTHALATE, PHTHALATE
UNK637	91637	19.8	PHTHALATE
UNK638	91638	11.5	PHTHALATE
UNK640	91640	92.6	PHTHALATE
UNK642	91642	42.5	UNK
UNK643	91643	249	PHTHALATE
UNK646	91646	17.2	PHTHALATE
UNK647	91647	8.79	PHTHALATE
UNK648	91648	12.4	PHTHALATE
UNK650	91650	72.9	PHTHALATE
UNK651	91651	29.2	PHTHALATE
UNK655	91655	149	PHTHALATE
UNK663	91663	16.2	PHTHALATE
UNK664	91664	18.1	PHTHALATE
UNK671	91671	44.5	PHTHALATE

PARAMETERS	STORET #	26142 T4CC2	TENTATIVE ID
UNITS	METHOD	28	
DATE	09/24/86		
TIME	07:48		
UNK037	91037	12.5	NO MATCH
UNK055	91055	172	THF
UNK566	91566	408	*
UNK618	91618	21.5	*
UNK622	91622	229	
UNK637	91637	6.84	
UNK638	91638	97.?	
UNK642	91642	892	
UNK672	91672	4770	
UNK694	91694	3830	

PARAMETERS	STORET #	27016 T4CC2	TENTATIVE ID
UNITS	METHOD	29	
DATE		09/26/86	
TIME		08:22	
UNK582	91582	11.9	
UNK585	91585	7.49	
UNK627	91627	7.63	
UNK642	91642	6.89	
UNK651	91651	907	

PARAMETERS	STORET #	27040 T4CC	TENTATIVE ID
UNITS	METHOD	33	
DATE	06/19/86		
TIME	09:15		
UNK055	91055	334	THF
UNK064	91064	75.4	NO MATCH
UNK517	91517	17.2	CYCLOPENTANONE
UNK532	91532	10.8	1,1,2,2-TETRACHLOROETHANE
UNK558	91558	7.58	SULFUR COMPOUND
UNK562	91562	14.1	UNK
UNK573	91573	6.60	UNK
UNK576	91576	18.6	UNK
UNK582	91582	17.1	UNK
UNK585	91585	38.2	UNK
UNK588	91588	10.0	POSSIBLY TETRADECANOL
UNK591	91591	10.1	2,6,10-TRIMETHYLPENTADECANE
UNK594	91594	35.2	2,6,10,14-TETRAMETHYLPENTA-DECANE, HEPTADECANE
UNK600	91600	16.1	2,6,10,14-TETRAMETHYLHEXADECANE
UNK605	91605	16.4	NONADECANE
UNK627	91627	22.4	UNK
UNK642	91642	7.62	UNK

PARAMETERS	STORET #	27053 T4CC2	TENTATIVE ID
UNITS	METHOD	30	
DATE	09/19/86		
TIME	08:52		
UNK565	91565	362	CAPROLACTAM
UNK642	91642	585	UNK
UNK671	91671	2050	UNK
UNK693	91693	1390	UNK

PARAMETERS UNITS	STORET # METHOD	27062 T4CC 34	TENTATIVE ID
DATE	06/12/86		
TIME	10:52		
UNK517	91517	71.4	DEHYDROPYRAN
UNK532	91532	67.1	1,1,2,2-TETRACHLOROETHANE
UNK585	91585	156	UNK
UNK591	91591	85.0	2,6,10-TRIMETHYLPENTADECANE
UNK594	91594	219	2,6,10,14-TETRAMETHYLPENTA-DECANE
UNK600	91600	187	2,6,10,14-TETRAMETHYLHEXA-DECANE
UNK604	91604	81.2	C19 ALKANE OR ALKENE
UNK614	91614	52.8	C21 ALKENE
UNK627	91627	114	POSSIBLY CHLORINATED COMPOUND (5 cl)
UNK650	91650	358	UNK
UNK664	91664	81.9	UNK

PARAMETERS / UNITS	STORET # / METHOD	28025 / T4CC / 35	TENTATIVE ID
DATE	06/19/86		
TIME	14:35		
UNK037	91037	4.80	NO MATCH
UNK056	91056	18.0	THF
UNK517	91517	5.38	CYCLOPENTANONE
UNK586	91586	6.48	DODECANOIC ACID
UNK598	91598	11.2	TETRADECANOIC ACID
UNK608	91608	15.5	HEXADECANOIC ACID
UNK617	91617	98.6	OCTADECANOIC ACID
UNK627	91627	50.1	OCTADECENAMIDE
UNK628	91628	19.8	OCTADECANAMIDE
UNK642	91642	251	UNK
UNK644	91644	13.0	UNK
UNK645	91645	36.8	UNK
UNK656	91656	6.78	UNK
UNK657	91657	67.9	UNK
UNK675	91675	105	UNK

PARAMETERS	STORET #	33026 T4WC2	TENTATIVE ID
UNITS	METHOD	2	
DATE	08/28/86		
TIME	13:53		
UNK534	91534	8.63	2-CYCLOHEXEN-1-ONE
UNK582	91582	7.09	ALIPHATIC HYDROCARBON
UNK591	91591	7.49	ALIPHATIC HYDROCARBON
UNK594	91594	30.8	N-HEPTADECANE
UNK595	91595	13.0	ALIPHATIC HYDROCARBON
UNK600	91600	28.3	N-OCTADECANE
UNK601	91601	9.67	2,6,10,14-TETRAMETHYLHEXA-DECANE
UNK605	91605	21.5	N-NONADECANE
UNK611	91611	10.9	N-EICOSANE
UNK636	91636	25.4	BIS(2-ETHYLHEXYL)PHTHALATE

PARAMETERS	STORET #	33030 T4WC2	TENTATIVE ID
UNITS	METHOD	3	
DATE	09/04/86		
TIME	09:40		
UNK632	91632	9.17	UNK
UNK633	91633	8.62	UNK
UNK653	91653	419	UNK

PARAMETERS UNITS	STORET # METHOD	35012 T4CC 36	TENTATIVE ID
DATE	06/11/86		
TIME	16:18		
UNK080	91080	27.4	THIOPHENE
UNK129	91129	133	1,4-DITHIANE
UNK524	91524	40.1	CHLOROBENZENE
UNK540	91540	31.1	1,3-DITHIOLANE
UNK541	91541	8.65	UNK
UNK558	91558	9.03	SULFUR COMPOUND
UNK563	91563	63.8	UNK
UNK573	91573	50.1	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK575	91575	17.7	N-TETRADECANE
UNK578	91578	20.9	UNK
UNK579	91579	13.5	C15 ALKANE
UNK582	91582	90.0	N-PENTADECANE
UNK585	91585	9.88	C16 ALKANE
UNK586	91586	17.5	C16 ALKENE
UNK587	91587	19.6	C16 ALKENE OR ALKYNE
UNK588	91588	265	N-HEXADECANE
UNK591	91591	89.0	2,6,10-TRIMETHYLPENTADECANE
UNK592	91592	14.2	C17 ALKENE
UNK594	91594	437	N-HEPTADECANE
UNK596	91596	33.1	C18 ALKANE
UNK597	91597	25.1	C18 ALKENE
UNK598	91598	9.35	C18 ALKENE
UNK600	91600	452	N-OCTADECANE, 2,6,10,14-TETRA-METHYLHEXADECANE
UNK602	91602	15.0	C19 ALKENE
UNK603	91603	40.3	C19 ALKENE
UNK605	91605	193	N-NONADECANE
UNK608	91608	8.87	C20 ALKENE
UNK610	91610	115	N-EICOSANE
UNK614	91614	8.26	C21 ALKENE
UNK615	91615	25.9	N-HENEICOSANE
UNK617	91617	12.1	C22 ALKENE
UNK620	91620	11.5	N-DOCOSANE, C22 ALKENE
UNK642	91642	90.7	UNK
UNK649	91649	240	UNK

PARAMETERS / UNITS	STORET # / METHOD	35013 T4CC 37	TENTATIVE ID
DATE	06/12/86		
TIME	14:21		
UNK037	91037	2.90	NO MATCH
UNK048	91048	10.8	1,2-DICHLOROETHANE
UNK055	91055	2.80	TETRAHYDROFURAN
UNK575	91575	5.48	N-TETRADECANE
UNK57°	91579	6.32	C15 ALKANE
UNK582	91582	20.3	N-PENTADECANE
UNK583	91583	8.59	BIPHENYL-OL
UNK585	91585	7.08	C16 ALKENE
UNK586	91586	5.92	C16 ALKENE
UNK587	91587	7.24	C16 ALKENE
UNK588	91588	24.0	N-HEXADECANE
UNK591	91591	46.1	C17 ALKANE,2,6,10-TRIMETHYL-PENTADECANE
UNK594	91594	120	N-HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK596	91596	19.0	C18 ALKANE
UNK597	91597	15.5	C17 OR C18 ALKENE
UNK599	91599	95.0	N-OCTADECANE
UNK600	91600	46.4	2,6,10,14-TETRAMETHYLHEXA-DECANE
UNK601	91601	5.80	C19 ALKENE
UNK602	91602	16.4	C19 ALKENE
UNK603	91603	17.2	C18 , C19 ALKENE
UNK604	91604	16.2	C17 ALKENE
UNK605	91605	60.8	N-NONADECANE
UNK610	91610	34.1	N-EICOSANE
UNK614	91614	16.8	C20 OR C21 ALKENE
UNK615	91615	10.4	N-HENEICOSANE
UNK616	91616	8.05	C21 ALKENE
UNK617	91617	7.98	C21 ALKENE
UNK621	91621	9.39	C22 OR C23 ALKENE OR ALKANE
UNK642	91642	8.29	UNK
UNK649	91649	134	UNK
UNK670	91670	368	UNK

PARAMETERS	STORET #	35037 T4CC2	TENTATIVE ID
UNITS	METHOD	32	
DATE	09/05/86		
TIME	12:30		
UNK515	91515	15.7	1,1,2-TRICHLOROETHANE
UNK531	91531	22.8	1,1,2,2-TETRACHLOROETHANE
UNK564	91564	302	CAPROLACTAM
UNK638	91638	6.71	UNK
UNK642	91642	298	UNK
UNK653	91653	431	UNK
UNK671	91671	1480	UNK
UNK693	91693	928	UNK

		35038	
PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	33	
DATE	09/05/86		
TIME	13:31		
UNK057	91057	116	THF
UNK589	91589	601	HEXADECANE
UNK652	91652	65.7	UNK

PARAMETERS UNITS	STORET # METHOD	35052 T4CC 38	TENTATIVE ID
DATE	06/25/86		
TIME	12:01		
UNK036	91036	5.20	NO MATCH
UNK064	91064	22.4	FREON
UNK123	91123	7.20	NO MATCH
UNK532	91532	10.4	1,1,2,2-TETRACHLOROETHANE
UNK557	91557	7.88	UNK
UNK560	91560	6.93	UNK
UNK562	91562	6.35	UNK
UNK565	91565	7.28	UNK
UNK567	91567	13.1	UNK
UNK570	91570	44.4	POSSIBLY ALPHA-METHYLBENZYL-AMINE
UNK571	91571	6.76	UNK
UNK575	91575	9.48	POSSIBLY N,N-DIMETHYLBENZYL-AMINE
UNK576	91576	6.76	UNK
UNK583	91583	7.39	UNK
UNK585	91585	6.51	UNK
UNK592	91592	6.66	UNK
UNK593	91593	13.1	UNK
UNK608	91608	6.02	HEXADECANOIC ACID
UNK617	91617	13.1	OCTADECENOIC ACID
UNK628	91628	12.1	OCTADECANAMIDE
UNK635	91635	6.05	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	91642	60.3	UNK
UNK645	91645	7.32	UNK
UNK660	91660	90.2	UNK
UNK674	91674	29.9	UNK

PARAMETERS	STORET #	35058 T4CC2	TENTATIVE ID
UNITS	METHOD	34	
DATE	09/08/86		
TIME	10:18		
UNK564	91564	44.7	CAPROLACTAM
UNK642	91642	64.2	UNK
UNK671	91671	122	UNK
UNK693	91693	51.3	UNK

PARAMETERS UNITS	STORET # METHOD	35065 T4CC 39	TENTATIVE ID
DATE	06/30/86		
TIME	09:48		
UNK519	91519	14.3	TETRACHLOROETHANE
UNK524	91524	8.46	CHLOROBENZENE
UNK525	91525	9.62	HEPTANONE
UNK541	91541	19.2	UNK
UNK553	91553	7.95	POSSIBLY 2,4-IMIDAZOLIDINE-DIONE
UNK555	91555	12.0	UNK
UNK558	91558	26.8	1,3-DITHIOLANE-2-THIONE
UNK560	91560	6.63	UNK
UNK564	91564	1200	CAPROLACTAM
UNK566	91566	20.6	UNK
UNK568	91568	21.9	UNK
UNK570	91570	10.5	UNK
UNK572	91572	15.3	N,N-DIBUTYLACETAMIDE
UNK573	91573	89.8	UNK
UNK574	91574	19.5	UNK
UNK575	91575	17.2	METHYLSULFOXYLBENZENE
UNK578	91578	89.1	SULFUR COMPOUND
UNK579	91579	63.1	ISOPROPYLBENZYALDEHYDE
UNK580	91580	43.6	UNK
UNK581	91581	7.59	UNK
UNK582	91582	68.5	UNK
UNK583	91583	9.73	UNK
UNK585	91585	207	UNK
UNK586	91586	36.7	UNK
UNK589	91589	99.8	PROPANOIC ACID, 2-METHYL-1-BUTYL-2-ONE
UNK594	91594	8.90	UNK
UNK595	91595	8.05	UNK
UNK596	91596	8.03	UNK
UNK597	91597	7.84	UNK
UNK603	91603	6.38	UNK
UNK620	91620	7.25	BUTYLHEXADECANOATE
UNK627	91627	6.67	UNK
UNK628	91628	7.67	BUTYL OCTADECANOATE
UNK635	91635	23.1	BIS(2-ETHYLHEXYL)PHTHALATE
UNK642	91642	30.0	UNK
UNK672	91672	103	UNK
UNK694	91694	54.3	UNK

		35065	
PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	36	
DATE		09/08/86	
TIME		11:17	
UNK055	91055	*OK21.8	THF
UNK541	91541	6.70	UNK
UNK564	91564	400	UNK
UNK565	91565	89.0	CAPROLACTAM
UNK573	91573	34.7	UNK
UNK578	91578	45.2	UNK
UNK580	91580	18.8	UNK
UNK581	91581	7.46	UNK
UNK582	91582	27.8	UNK
UNK585	91585	60.5	UNK
UNK642	91642	104	UNK
UNK672	91672	712	UNK
UNK693	91693	482	UNK

PARAMETERS / UNITS	STORET # / METHOD	36001 T4CC 40	TENTATIVE ID
DATE	06/23/86		
TIME	14:09		
UNK122	91122	1680	3 METHYLHEXANE
UNK161	91161	547	METHYLETHYL BENZENE
UNK193	91193	55400	DICHLOROBENZENE
UNK513	91513	2740	HEXANONE
UNK514	91514	44.8	HEXANOL
UNK515	91515	348	TOLUENE
UNK519	91519	90.2	TETRACHLOROETHANE
UNK525	91525	7900	CHLOROBENZENE
UNK527	91527	488	XYLENE
UNK528	91528	1060	XYLENE
UNK529	91529	35.9	2,2,2-TRICHLOROETHANOL
UNK530	91530	802	XYLENE
UNK534	91534	108	ISOPROPYLBENZENE
UNK535	91535	35.5	1,1-BIS(METHYLTHIO)ETHANE
UNK537	91537	26.9	PROPYLBENZENE
UNK538	91538	41.6	ETHYL,METHYL BENZENE
UNK539	91539	26.2	TRIMETHYLBENZENE, POSSIBLY DIMETHYLHEPTANONE
UNK540	91540	25.3	POSSIBLY METHYLTHIO-1-BUTANONE
UNK544	91544	3030	DICHLOROBENZENE
UNK547	91547	2620	DICHLOROBENZENE
UNK549	91549	142	AACETOPHENONE, UNK
UNK554	91554	20.5	UNK
UNK555	91555	18.5	UNK
UNK559	91559	249	TRICHLOROBENZENE, NAPTHALENE
UNK562	91562	85.3	TRICHLOROBENZENE, HEXACHLORO-BUTADIENE
UNK563	91563	12.2	UNK
UNK565	91565	37.1	CAPROLACTAM
UNK570	91570	12.6	UNK
UNK572	91572	13.5	UNK
UNK573	91573	105	UNK
UNK574	91574	19.3	TETRACHLOROBENZENE
UNK576	91576	17.4	DIPHENYL ETHER
UNK580	91580	14.1	UNK
UNK581	91581	114	HEXACHLOROBICYCLO[2,2,1] HEPTA-2-ONE
UNK588	91588	31.9	HEXADECANE
UNK589	91589	173	UNK
UNK591	91591	51.1	HEPTACHLORO-BICYCLO[2,2,1] HEPTANE
UNK594	91594	50.6	HEPTADECANE, 2,6,10,14-TETRA-METHYLPENTADECANE
UNK600	91600	19.1	2,6,10,14-TETRAMETHYLHEXA-DECANE
UNK605	91605	30.8	NONADECANE
UNK610	91610	19.3	EICOSANE
UNK627	91627	13.0	HEXACHLORO COMPOUND

UNK632	91632	26.3	CHLORINATED COMPOUND
UNK635	91635	13.5	BIS(2-ETHYLHEXYL)PHTHALATE

		36065	
PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	37	
DATE	09/26/86		
TIME	11:41		
UNK055	91055	*OK39.7	UNK
UNK089	91089	*BK0	
UNK129	91129	*BK0	
UNK174	91174	*BK0	

PARAMETERS / UNITS	STORET # / METHOD	36076 T4CC 41	TENTATIVE ID
DATE	06/25/86		
TIME	14:24		
UNK193	91193	153000	DICHLOROBENZENE
UNK513	91513	20.3	4-METHYL-2-PENTANONE
UNK525	91525	6320	CHLOROBENZENE
UNK530	91530	11.3	UNK
UNK540	91540	8.77	BICYCLO[2,2,1]HEPT-2-EN-7-OL
UNK544	91544	6490	DICHLROBENZENE
UNK547	91547	5840	1,2-DICHLOROBENZENE
UNK548	91548	9.10	UNK
UNK549	91549	22.2	ACETOPHENONE
UNK550	91550	14.3	N-NITROSODIPROPYLAMINE
UNK553	91553	11.1	UNK
UNK558	91558	12.6	N-HEXYLACETAMIDE
UNK559	91559	145	TRICHLOROBENZENE, TRICHLORO-CYCLOPENTANE
UNK560	91560	11.9	M-MENTHA-4,8-DIENE
UNK562	91562	35.0	TRICHLOROBENZENE
UNK566	91566	675	CAPROLACTAM
UNK569	91569	25.9	UNK
UNK570	91570	8.29	UNK
UNK573	91573	21.1	3,5-DIMETHYL-1,2,4-TRITHIOLANE
UNK575	91575	8.63	METHYLSULFOXYL BENZENE
UNK576	91576	8.71	DIPHENYL ETHER
UNK578	91578	8.76	UNK
UNK581	91581	11.4	UNK
UNK582	91582	9.51	1-(4-HYDROXY-3-METHOXYPHENYL)-ETHANONE
UNK586	91586	16.2	TETRACHLOROPHENOL
UNK598	91598	65.1	PENTACHLOROPHENOL
UNK607	91607	12.1	A CHLORO-METHYLSULFOXYLAMIDE
UNK608	91608	14.8	HEXADECANOIC ACID
UNK610	91610	10.5	TRICHLORO COMPOUND
UNK617	91617	9.52	OCTADECANOIC ACID
UNK619	91619	34.6	PENTACHLORO COMPOUND
UNK624	91624	288	UNK
UNK627	91627	151	AN AMIDE
UNK642	91642	80.8	UNK
UNK657	91657	12.3	UNK
UNK666	91666	8.84	UNK
UNK668	91668	10.2	UNK
UNK674	91674	943	UNK

PARAMETERS UNITS	STORET # METHOD	36082 T4CC 42	TENTATIVE ID
DATE	06/27/86		
TIME	10:02		
UNK530	91530	5.95	XYLENE
UNK539	91539	11.8	1,3-DITHIOLANE
UNK542	91542	16.7	UNK
UNK552	91552	5.91	UNK
UNK555	91555	15.9	UNK
UNK557	91557	11.9	1,3-DITHIOLANE-2-THIONE
UNK563	91563	1010	UNK
UNK570	91570	11.9	UNK
UNK572	91572	11.3	UNK
UNK573	91573	99.5	UNK
UNK574	91574	69.8	UNK
UNK578	91578	84.2	UNK
UNK580	91580	8.47	UNK
UNK581	91581	15.0	UNK
UNK582	91582	37.8	UNK
UNK596	91596	7.86	POSSIBLY AZIDOBENZENE OR HYDROXY BENZENE
UNK597	91597	8.32	UNK
UNK603	91603	6.06	UNK
UNK606	91606	6.95	UNK
UNK608	91608	7.09	HEXADECANOIC ACID
UNK609	91609	26.5	UNK
UNK620	91620	5.80	BUTYL OCTADECANOATE
UNK628	91628	7.85	DODECANAMIDE
UNK642	91642	8.20	UNK

PARAMETERS	STORET #	T4CC2	TENTATIVE ID
UNITS	METHOD	39	
DATE	09/26/86		
TIME	10:45		
UNK055	91055	*BK0	
UNK089	91089	*BK0	
UNK129	91129	*BK0	
UNK174	91174	*OK7.70	XYLENE
UNK539	91539	7.61	*
UNK541	91541	13.2	
UNK554	91554	10.7	
UNK557	91557	9.03	
UNK565	91565	768	
UNK566	91566	5.79	
UNK570	91570	5.74	
UNK573	91573	102	
UNK574	91574	31.1	
UNK578	91578	155	
UNK580	91580	7.91	
UNK581	91581	18.5	
UNK582	91582	41.3	
UNK585	91585	36.7	
UNK597	91597	18.8	
UNK603	91603	7.52	*
UNK604	91604	6.75	
UNK607	91607	12.1	
UNK609	91609	32.6	

PARAMETERS / UNITS	STORET # / METHOD	36112 T4CC 43	TENTATIVE ID
DATE	06/30/86		
TIME	08:52		
UNK049	91049	4.30	NO MATCH
UNK080	91080	58.5	THIOPHENE
UNK129	91129	240	NO MATCH
UNK532	91532	6.42	1,1,2,2-TETRACHLOROETHANE
UNK539	91539	13.2	1,3-DIOTHIOLANE
UNK540	91540	35.8	UNK
UNK547	91547	13.4	UNK
UNK550	91550	7.87	1,3,6-DIOXATHIOLANE
UNK552	91552	17.4	UNK
UNK554	91554	6.81	UNK
UNK557	91557	16.2	1,3-DITHIOLANE-2-THIONE
UNK563	91563	170	UNK
UNK564	91564	13.6	CAPROLACTAM
UNK573	91573	70.8	3,5-DIMETHYL-1,2,4-TRITHIONE
UNK577	91577	27.3	UNK
UNK580	91580	6.17	UNK
UNK582	91582	23.0	UNK
UNK586	91586	49.2	DODECANOIC ACID
UNK588	91588	22.6	N-HEXADECANE
UNK591	91591	10.1	ALKANE
UNK594	91594	37.8	N-HEPTADECANE
UNK595	91595	13.7	2,6,10,14-TETRAMETHYLPENTA-DECANE
UNK597	91597	6.97	ALIPHATIC HYDROCARBON
UNK598	91598	18.6	TETRADECANOIC ACID, ALKENE OR ALCOHOL
UNK600	91600	34.3	N-OCTADECANE
UNK601	91601	13.9	2,6,10,14-TETRAMETHYLHEXADECANE
UNK605	91605	28.9	N-NONADECANE
UNK608	91608	11.2	HEXADECANOIC ACID
UNK611	91611	17.6	N-EICOSANE
UNK614	91614	21.9	MOLECULAR SULFUR (S8)
UNK615	91615	7.28	N-HENEICOSANE
UNK617	91617	54.5	ALCOHOL, OCTADECANOIC ACID
UNK620	91620	10.2	ACID OR ALCOHOL
UNK628	91628	10.3	POSSIBLY OCTADECANETHOIL
UNK632	91632	11.0	DIHEPTYLPHTHALATE
UNK635	91635	30.1	PHTHALATE, BIS(2-ETHYLHEXYL)-PHTHALATE
UNK640	91640	15.2	PHTHALATE
UNK642	91642	13.9	UNK
UNK649	91649	11.9	PHTHALATE
UNK654	91654	28.1	PHTHALATE
UNK669	91669	8.85	PHTHALATE

TASK 44 GC/MS NONTARGET DATA 3RD QUARTER FY1987

PARAMETERS		01008 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	1	
DATE		05/05/87		
TIME		10:13		
UNK565		91565	350	CAPROLACTAM
	UG/L	0		
UNK588		91588	9	2-METHYL, 1-(1,1-DIMETHYLETHYL)-
	UG/L	0		2-METHYL-1,3-PROPANEDIYL PROPIONATE

PARAMETERS		02008		
	STORET #	T44GMS3	TENTATIVE ID	
UNITS	METHOD	2		
DATE	05/05/87			
TIME	13:19			
UNK588	91588	7	2-METHYL, 1-(1,1-DIMETHYLETHYL)-	
UG/L	0		2-METHYL-1,3-PROPANEDIYL PROPIONATE	

PARAMETERS		04009 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	3	
DATE		05/06/87		
TIME		07:36		
UNK525		91525	15.5	ETHYLBENZENE
	UG/L	0		
UNK526		91526	76.4	XYLENE
	UG/L	0		
UNK529		91529	35.6	XYLENE (ISOMER OF UNK 526)
	UG/L	0		
UNK536		91536	27.1	PROPYLBENZENE
	UG/L	0		
UNK537		91537	100	ETHYL, METHYL BENZENE
	UG/L	0		
UNK538		91538	48.1	TRIMETHYL BENZENE
	UG/L	0		
UNK539		91539	28.3	ETHYL, METHYL BENZENE
	UG/L	0		
UNK541		91541	136	TRIMETHYL BENZENE
	UG/L	0		
UNK544		91544	39.7	TRIMETHYL BENZENE
	UG/L	0		
UNK545		91545	172	ETHYLHEXANOL
	UG/L	0		
UNK546		91546	14.0	DIETHYLBENZENE
	UG/L	0		
UNK547		91547	98.6	METHYLPROPYL BENZENE, ETHYL DIMETHYL BENZENE
	UG/L	0		
UNK548		91548	14.4	METHYL PROPYL BENZENE
	UG/L	0		
UNK549		91549	49.0	ETHYL DIMETHYL BENZENE
	UG/L	0		
UNK550		91550	51.0	ETHYL DIMETHYL BENZENE
	UG/L	0		
UNK552		91552	10	METHYL ISOPROPYL BENZENE
	UG/L	0		

PARAMETERS		04009 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	3	
DATE		05/06/87		
TIME		07:36		
UNK553		91553	58.6	TETRAMETHYL BENZENE
	UG/L	0		
UNK555		91555	40.2	DIHYDROMETHYL-1H-INDENE,
	UG/L	0		DIETHYL METHYL BENZENE
				c11h16 (AROMATIC HYDROCARBON)
UNK556		91556	39.3	DIHYDROMETHYL-1H-INDENE,
	UG/L	0		METHYL, ISOPROPYL BENZENE
UNK557		91557	9.57	c11h16 (AROMATIC HYDROCARBON)
	UG/L	0		
UNK558		91558	10	DIMETHYL PROPYL BENZENE
	UG/L	0		
UNK559		91559	35.2	NAPTHALENE,
	UG/L	0		DIHYDRO, DIMETHYL-1H-INDENE
UNK567		91567	2140	CAPROLACTAM
	UG/L	0		
UNK568		91568	33.8	METHYL NAPTHALENE
	UG/L	0		
UNK569		91569	15.7	METHYL NAPTHALENE
	UG/L	0		
UNK571		91571	9	UNKNOWN
	UG/L	0		
UNK576		91576	9.97	DIMETHYL NAPTHALENE
	UG/L	0		
UNK577		91577	8.65	DIMETHYL NAPTHALENE
	UG/L	0		

PARAMETERS		04009 STORE #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	3	
DATE		05/06/87		
TIME		07:36		
UNK589		91589	23.7	UNKNOWN
	UG/L	0		
UNK595		91595	21.2	POSSIBLY DODECYCLOXYETHANOL
	UG/L	0		
UNK611		91611	41.8	UNKNOWN
	UG/L	0		
UNK612		91612	8.78	UNKNOWN
	UG/L	0		
UNK618		91618	9.12	UNKNOWN
	UG/L	0		
UNK622		91622	87.9	UNKNOWN
	UG/L	0		
UNK624		91624	50.3	UNKNOWN
	UG/L	0		
UNK625		91625	12.4	UNKNOWN
	UG/L	0		
UNK632		91632	10.3	UNKNOWN
	UG/L	0		
UNK636		91636	44.5	UNKNOWN
	UG/L	0		
UNK643		91643	765	UNKNOWN
	UG/L	0		
UNK648		91648	9.99	UNKNOWN
	UG/L	0		
UNK695		91695	8.61	UNKNOWN
	UG/L	0		

PARAMETERS		09002		TENTATIVE ID
	STORET #	T44GMS3		
UNITS	METHOD	4		
DATE	05/05/87			
TIME	14:16			
UNK566	91566	935		CAPROLACTAM
UG/L	0			

PARAMETERS		STORET #	T44GMS5	TENTATIVE ID
	UNITS	METHOD	5	
		22051		
DATE		05/13/87		
TIME		07:52		
UNK582		91582	10.7	UNKNOWN
	UG/L	0		
UNK636		91636	19.9	BIS (2-ETHYL HEXYL) PHTHALATE
	UG/L	0		

PARAMETERS	UNITS	STORET # METHOD	23004 T44GMS3 6	TENTATIVE ID
DATE		05/13/87		
TIME		10:08		
UNK518		91518	11.2	TETRACHLOROETHENE
	UG/L	0		
UNK552		91552	20	UNKNOWN
	UG/L	0		
UNK553		91553	18.1	UNKNOWN
	UG/L	0		
UNK556		91556	10.7	UNKNOWN
	UG/L	0		
UNK557		91557	11.9	UNKNOWN
	UG/L	0		
UNK558		91558	20	UNKNOWN
	UG/L	0		
UNK561		91561	33.5	POSSIBLY BIS(ISOPROPYL)UREA
	UG/L	0		c7h16n2o
UNK566		91566	46.1	UNKNOWN
	UG/L	0		
UNK568		91568	15.2	POSSIBLY OXATRICYCLOOCTANONE
	UG/L	0		
UNK569		91569	57.1	UNKNOWN
	UG/L	0		
UNK571		91571	30	UNKNOWN
	UG/L	0		
UNK573		91573	36.1	UNKNOWN
	UG/L	0		
UNK577		91577	57.8	UNKNOWN
	UG/L	0		
UNK582		91582	32.2	UNKNOWN
	UG/L	0		
UNK587		91587	375	UNKNOWN
	UG/L	0		
UNK588		91588	30	UNKNOWN
	UG/L	0		
UNK589		91589	15.6	UNKNOWN
	UG/L	0		
UNK595		91595	26.9	UNKNOWN
	UG/L	0		
UNK625		91625	22.0	HEXACHLORINATED CMPD, M.WT.364
	UG/L	0		

PARAMETERS		23004 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	6	
DATE		05/13/87		
TIME		10:08		
UNK535		91535	11.8	UNKNOWN
	UG/L	0		
UNK540		91540	31.2	UNKNOWN
	UG/L	0		
UNK551		91551	14.3	UNKNOWN
	UG/L	0		
UNK554		91554	45.8	UNKNOWN
	UG/L	0		
UNK562		91562	85.3	UNKNOWN
	UG/L	0		
UNK570		91570	75.0	UNKNOWN
	UG/L	0		
UNK574		91574	29.5	TETRACHLOROBENZENE, UNKNOWN
	UG/L	0		
UNK575		91575	17.6	METHYL SULFOXYL BENZENE
	UG/L	0		
UNK578		91578	114	UNKNOWN
	UG/L	0		
UNK579		91579	274	UNKNOWN
	UG/L	0		
UNK581		91581	20.8	UNKNOWN
	UG/L	0		
UNK583		91583	83.8	UNKNOWN
	UG/L	0		
UNK584		91584	73.6	UNKNOWN
	UG/L	0		
UNK586		91586	32.7	UNKNOWN
	UG/L	0		
UNK590		91590	13.5	PENTACHLORINATED CMPD. M.WT.236
	UG/L	0		

PARAMETERS		23004 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	6	
DATE		05/13/87		
TIME		10:08		
UNK591		91591	16.7	HEPTACHLOROBICYCLOHEPTENE
	UG/L	0		c7h13cl7
UNK593		91593	13.3	UNKNOWN
	UG/L	0		
UNK594		91594	13.1	UNKNOWN
	UG/L	0		
UNK602		91602	80	UNKNOWN
	UG/L	0		
UNK623		91623	21.9	PENTACHLORINATED CMPD,M.WT.344
	UG/L	0		
UNK633		91633	20.7	CHLORINATED CMPD, M.WT.>325
	UG/L	0		

PARAMETERS		STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	7	
DATE		05/13/87		
TIME		11:44		
UNK582		91582	7.31	MONOCHLORINATED CMPD, M.WT.182
	UG/L	0		

23029

PARAMETERS		24092 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	10	
DATE		05/18/87		
TIME		08:42		
UNK564		91564	13.6	CAPROLACTAM
	UG/L	0		

PARAMETERS		STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	11	
		24106		
DATE		05/18/87		
TIME		13:35		
UNK588		91588	10	UNKNOWN
	UG/L	0		

ENVIRONMENTAL SCIENCE & ENGINEERING 01/06/88 STATUS:

PROJECT NUMBER 87436 0000 PROJECT NAME RMA TASK44
FIELD GROUP T44GMS3 PROJECT MANAGER
T44G3 LAB COORDINATOR HUGH PRENTICE

PARAMETERS		STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	12	
DATE		05/14/87		
TIME		13:55		
UNK588		91588	9	UNKNOWN
	UG/L	0		
UNK636		91636	68.3	BIS(2-ETHYLHEXYL)PHTHALATE
	UG/L	0		

PARAMETERS		STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	13	
DATE		05/18/87		
TIME		10:46		
UNK566		91566	528	CAPROLACTAM
	UG/L	0		
UNK588		91588	6	UNKNOWN
	UG/L	0		

PARAMETERS		24127 STORET # T44GMS3		TENTATIVE ID
	UNITS	METHOD	15	
DATE		05/12/87		
TIME		14:43		
UNK518		91518	27.0	TETRACHLOROETHENE
	UG/L	0		
UNK565		91565	188	CAPROLACTAM
	UG/L	0		
UNK569		91569	8.55	UNKNOWN
	UG/L			
UNK582		91582	10.1	UNKNOWN
	UG/L	0		
UNK587		91587	6.84	UNKNOWN
	UG/L	0		
UNK589		91589	21.5	UNKNOWN
	UG/L	0		
UNK636		91636	16.1	BIS(2-ETHYL HEXYL)PHTHALATE
	UG/L	0		
UNK562		91562	6.45	UNKNOWN
	UG/L	0		
UNK579		91579	111	UNKNOWN
	UG/L	0		
UNK583		91583	14.3	UNKNOWN
	UG/L	0		
UNK584		91584	16.3	UNKNOWN
	UG/L	0		
UNK585		91585	10	UNKNOWN
	UG/L	0		
UNK586		91586	54.7	UNKNOWN
	UG/L	0		
UNK593		91593	8.88	UNKNOWN
	UG/L	0		

PARAMETERS	STORET #	27049 T44GMS3	TENTATIVE ID
UNITS	METHOD	17	
DATE	05/12/87		
TIME	15:12		
UNK516	91516	10.0	UNKNOWN
UG/L	0		

PARAMETERS		STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	19	
DATE		05/08/87		
TIME		09:15		
UNK569		91569	8810	CAPROLACTAM
	UG/L	0		
UNK612		91612	21.3	UNKNOWN
	UG/L	0		
UNK618		91618	23.2	UNKNOWN
	UG/L	0		
UNK622		91622	161	UNKNOWN
	UG/L	0		
UNK624		91624	10.5	UNKNOWN
	UG/L	0		
UNK625		91625	22.8	UNKNOWN
	UG/L	0		
UNK643		91643	994	UNKNOWN
	UG/L	0		
UNK580		91580	20	CHLORINATED HYDROCARBON
	UG/L	0		
UNK583		91583	7.77	2,6-L-BUTYL-4-METHYL PHENOL
	UG/L	0		
UNK633		91633	20.2	UNKNOWN
	UG/L	0		
UNK637		91637	15.4	UNKNOWN
	UG/L	0		
UNK649		91649	8.91	UNKNOWN
	UG/L	0		

PARAMETERS		33063 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	22	
DATE		05/06/87		
TIME		14:24		
UNK567		91567	2240	CAPROLACTAM
	UG/L	0		
UNK642		91642	23.4	UNKNOWN
	UG/L	0		

35016

PARAMETERS	STORET #	T44GMS3	TENTATIVE ID
UNITS	METHOD	23	
DATE	05/06/87		
TIME	15:16		
UNK523	91523	13.4	CHLOROBENZENE
UG/L	0		
UNK539	91539	29.4	1,3-DITHIOLANE, UNKNOWN
UG/L	0		
UNK557	91557	8.45	POSS. 1,3-DITHIOLANE-2-THIONE
UG/L	0		
UNK563	91563	52.0	UNKNOWN
UG/L	0		
UNK565	91565	436	CAPROLACTAM
UG/L	0		
UNK573	91573	22.9	A SULFUR-CONTAINING CMPD,M.WT.152
UG/L	0		
UNK577	91577	8.06	A SULFUR-CONTAINING CMPD
UG/L	0		
UNK582	91582	15.1	A SULFUR-CONTAINING CMPD
UG/L	0		
UNK587	91587	7.83	UNK
UG/L	0		
UNK614	91614	21.8	MOLECULAR SULFUR (S8)
UG/L	0		
UNK642	91642	17.2	UNK
UG/L	0		

PARAMETERS		STORET #	35066 T44GMS3	TENTATIVE ID
	UNITS	METHOD	25	
DATE		05/12/87		
TIME		07:47		
UNK563		91563	141	UNKNOWN
	UG/L	0		
UNK577		91577	17.3	UNKNOWN
	UG/L	0		
UNK582		91582	15.9	MONOCHLORINATED CMPD, M.WT.182
	UG/L	0		
UNK572		91572	22.3	MONOCHLORINATED CMPD, M.WT.170
	UG/L	0		

PARAMETERS		36084 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	26	
DATE		05/12/87		
TIME		10:20		
UNK557		91557	11.8	UNKNOWN
	UG/L	0		
UNK559		91559	5.51	TRICHLOROCYCLOPENTENE
	UG/L	0		
UNK561		91561	10.7	UNKNOWN
	UG/L	0		
UNK563		91563	265	UNKNOWN
	UG/L	0		
UNK565		91565	186	CAPROLACTAM
	UG/L	0		
UNK566		91566	18.7	UNKNOWN
	UG/L	0		
UNK568		91568	14.8	UNKNOWN
	UG/L	0		
UNK569		91569	7.14	UNKNOWN
	UG/L	0		
UNK571		91571	6	UNKNOWN
	UG/L	0		
UNK573		91573	95.5	UNKNOWN
	UG/L	0		
UNK577		91577	49.2	UNKNOWN
	UG/L	0		
UNK582		91582	57.2	MONOCHLORINATED CMPD, M.WT.182
	UG/L	0		

PARAMETERS	UNITS	STORET # / METHOD	36084 T44GMS3 26	TENTATIVE ID
DATE		05/12/87		
TIME		10:20		
UNK589	UG/L	91589 0	12.0	UNKNOWN
UNK695	UG/L	91695 0	8.30	UNKNOWN
UNK554	UG/L	91554 0	30.7	UNKNOWN
UNK560	UG/L	91560 0	7.72	UNKNOWN
UNK574	UG/L	91574 0	23.9	SULFUR CONTAINING CMPD, M.WT.136
UNK578	UG/L	91578 0	57.6	UNKNOWN
UNK579	UG/L	91579 0	14.8	UNKNOWN
UNK580	UG/L	91580 0	6	UNKNOWN
UNK581	UG/L	91581 0	10.3	UNKNOWN
UNK585	UG/L	91585 0	60	UNKNOWN
UNK586	UG/L	91586 0	29.7	UNKNOWN
UNK594	UG/L	91594 0	15.7	UNKNOWN
UNK596	UG/L	91596 0	6.13	UNKNOWN
UNK598	UG/L	91598 0	56.9	5-ETHYL-5-SEC.AMYL-2,4,6 (1H,3H,5H)-PYRIMIDINETRIONE
UNK603	UG/L	91603 0	33.2	CHLORINATED COMPOUND
UNK604	UG/L	91604 0	15.4	UNKNOWN
UNK672	UG/L	91672 0	19.4	UNKNOWN

PARAMETERS	UNITS	STORET #	36090 T44GMS3 27	TENTATIVE ID
DATE		05/06/87		
TIME		13:51		
UNK518		91518	11.2	TETRACHLOROETHANE
	UG/L	0		
UNK523		91523	56.9	CHLOROBENZENE
	UG/L	0		
UNK533		91533	10.3	POSS. 5-METHYL-1,3-OXATHIANE
	UG/L	0		
UNK539		91539	73.1	1,3-DITHIOLANE
	UG/L	0		POSS. DIMETHYL-1,3-OXATHIANE
UNK542		91542	20.9	POSS. DIMETHYL-1,3-OXATHIANE
	UG/L	0		
UNK544		91544	79.0	UNKNOWN
	UG/L	0		
UNK545		91545	8.99	SULFUR CONTAINING CMPD, M.WT. 12
	UG/L	0		
UNK557		91557	44.0	SULFUR CONTAINING CMPD, M.WT.136
	UG/L	0		
UNK558		91558	10	UNKNOWN
	UG/L	0		
UNK561		91561	8.48	UNKNOWN
	UG/L	0		
UNK564		91564	86.3	CAPROLACTAM
	UG/L	0		
UNK573		91573	79.9	DIMETHYL TRITHIOLANE
	UG/L	0		
UNK588		91588	20	UNKNOWN
	UG/L	0		
UNK609		91609	6.32	HEXADECANOIC ACID
	UG/L	0		
UNK617		91617	10.1	UNKNOWN
	UG/L	0		
UNK618		91618	49.5	OCTADECENOIC ACID, UNKNOWN
	UG/L	0		
UNK622		91622	96.1	UNKNOWN
	UG/L	0		
UNK642		91642	126	UNKNOWN
	UG/L	0		
UNK673		91673	375	UNKNOWN
	UG/L	0		
UNK694		91694	37.4	UNKNOWN
	UG/L	0		

PARAMETERS		36139 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	2'	
DATE		05/11/87		
TIME		14:39		
UNK550		91550	7.00	1,3,6-DIXATHIOLANE (c5h10o2s)
	UG/L	0		
UNK552		91552	40	UNKNOWN
	UG/L	0		
UNK557		91557	23.0	SULFUR-CONTAINING COMPOUND
	UG/L	0		
UNK563		91563	153	UNKNOWN
	UG/L	0		
UNK573		91573	113	DIMETHYL TRITHIOLANE
	UG/L	0		
UNK577		91577	24.5	SULFUR-CONTAINING CMPD,M.WT.152
	UG/L	0		
UNK582		91582	6.33	MONOCHLORINATED CMPD, M.WT.182
	UG/L	0		
UNK642		91642	11.2	UNKNOWN
	UG/L	0		
UNK554		91554	8.38	UNKNOWN
	UG/L	0		
UNK574		91574	114	SULFUR-CONTAINING CMPD
	UG/L	0		
UNK579		91579	6.46	UNKNOWN
	UG/L	0		
UNK603		91603	7.78	CHLORINATED CMPD
	UG/L	0		

PARAMETERS		37309 STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	41	
DATE		07/08/87		
TIME		08:56		
UNK563		91563	21.9	UNKNOWN, ALICYCLIC CMPD.
	UG/L	0		
UNK566		91566	72.7	UNKNOWN, ALICYCLIC CMPD.
	UG/L	0		
UNK569		91569	18.1	UNKNOWN
	UG/L	0		
UNK573		91573	9.11	UNKNOWN, ALICYCLIC CMPD.
	UG/L	0		
UNK577		91577	13.3	UNKNOWN
	UG/L	0		
UNK582		91582	16.9	UNKNOWN
	UG/L	0		
UNK587		91587	16.5	UNKNOWN
	UG/L	0		
UNK589		91589	28.2	UNKNOWN
	UG/L	0		
UNK595		91595	13.7	UNKNOWN
	UG/L	0		
UNK625		91625	13.8	UNKNOWN
	UG/L	0		
UNK575		91575	16.1	UNKNOWN
	UG/L	0		
UNK579		91579	79.0	UNKNOWN
	UG/L	0		
UNK580		91580	20	UNKNOWN
	UG/L	0		
UNK581		91581	10.4	UNKNOWN
	UG/L	0		
UNK583		91583	30.0	UNKNOWN
	UG/L	0		
UNK585		91585	80	UNKNOWN, ALICYCLIC CMPD.
	UG/L	0		
UNK586		91586	54.4	UNKNOWN
	UG/L	0		
UNK593		91593	24.5	UNKNOWN
	UG/L	0		
UNK594		91594	31.5	UNKNOWN
	UG/L	0		
UNK623		91623	7.90	c12h9cl5o
	UG/L	0		2,5,7-METHENO-3H-CYCLOPENTA-[A]PENTALEN-3-ONE
UNK633		91633	40.4	PENTACHLORO CMPD, POSS.M.WT.360
	UG/L	0		
UNK519		91519	23.1	TETRACHLOROETHENE
	UG/L	0		
UNK543		91543	11.2	DCPD ISOMER

PARAMETERS	UNITS	STORET #	METHOD	T44GMS3	TENTATIVE ID
		37332		42	
DATE		07/08/87			
TIME		08:05			
UNK523		91523	8.80		CHLOROBENZENE
	UG/L	0			
UNK582		91582	10.3		UNKNOWN
	UG/L	0			

PARAMETERS		STORET #	37333 T44GMS3	TENTATIVE ID
	UNITS	METHOD	43	
DATE		07/09/87		
TIME		07:20		
UNK642		91642	37.8	UNKNOWN
	UG/L	0		

PARAMETERS	UNITS	STORET # / METHOD	37344 T44GMS3 44	TENTATIVE ID
DATE		07/08/87		
TIME		11:15		
UNK523		91523	2.90	CHLOROBENZENE
	UG/L	0		
UNK582		91582	8.12	UNKNOWN
	UG/L	0		
UNK589		91589	79.2	UNKNOWN
	UG/L	0		
UNK585		91585	7	UNKNOWN
	UG/L	0		
UNK593		91593	13.7	UNKNOWN
	UG/L	0		
UNK519		91519	39.5	TETRACHLOROETHENE
	UG/L	0		

PARAMETERS		STORET #	T44GMS3	TENTATIVE ID
	UNITS	METHOD	45	
DATE		07/08/87		
TIME		09:45		
UNK523		91523	5.50	CHLOROBENZENE
	UG/L	0		
UNK543		91543	2.48	DICHLOROBENZENE
	UG/L	0		

OFFPOST GC/MS NONTARGET DATA
TASKS 4 AND 44 3RD & 4TH QUARTER,
FY1986 AND 4TH QUARTER FY1987

PARAMETERS	STORET #	37305 OPG3C	
UNITS	METHOD	1	TENTATIVE ID
DATE	08/26/86		
TIME	14:56		
UNK563	91563	28.8	UNK
UNK565	91565	154	CAPROLACTAM
UNK582	91582	20.4	UNK
UNK586	91586	8.78	UNK

PARAMETERS UNITS	STORET # METHOD	37307 OPGW2C 2	TENTATIVE ID
DATE	06/18/86		
TIME	11:41		
UNK594	91594	26.4	N-HEPTADECANE; 2,10,6,4-TETRA-METHYLPENTADECANE
UNK600	91600	7.48	N-OCTADECANE
UNK605	91605	13.0	N-NONADECANE
UNK610	91610	7.40	N-EICOSANE

PARAMETERS UNITS	STORET # METHOD	37308 OPGW2C 3	TENTATIVE ID
DATE	06/16/86		
TIME	15:17		
UNK519	91519	20.9	TETRACHLOROETHENE
UNK563	91563	7.43	CYCLOPENTADIENE DERIVATIVE c11h16
UNK566	91566	18.9	c10h10o, CYCLPENTADIENE
UNK579	91579	33.6	UNK
UNK582	91582	6.61	UNK
UNK583	91583	7.54	UNK
UNK585	91585	27.9	UNK
UNK586	91586	18.7	UNK
UNK589	91589	30.5	UNK
UNK593	91593	14.4	UNK
UNK594	91594	6.78	UNK
UNK595	91595	6.42	UNK
UNK633	91633	8.52	TETRACHLORINATED COMPOUND

PARAMETERS	STORET #	37312 OPGW2C	TENTATIVE ID
UNITS	METHOD	1	
DATE	06/17/86		
TIME	11:13		
UNK579	91579	6.57	UNK

PARAMETERS UNITS	STORET # METHOD	37313 OPG3C 2	TENTATIVE ID
DATE	08/26/86		
TIME	10:15		
UNK560	91560	7.49	UNK
UNK563	91563	29.0	UNK
UNK565	91565	339	CAPROLACTAM
UNK579	91579	14.4	2-(4-METHYL-2-FURYL)-2-CYCLOPENTEN-1-ONE
UNK582	91582	27.5	UNK
UNK585	91585	11.8	UNK
UNK586	91586	14.6	UNK
UNK588	91588	38.7	PROPANOIC ACID, 2-METHYL-1-(1,1-DIMETHYL ETHYL)-2-METHYL-1,3-PROPANEDIEL ESTER
UNK599	91599	7.87	UNK
UNK642	91642	96.6	UNK
UNK654	91654	911	UNK
UNK671	91671	752	UNK
UNK693	91693	571	UNK

PARAMETERS	STORET #	37320 OPG3C	TENTATIVE ID
UNITS	METHOD	3	
DATE	09/22/86		
TIME	12:06		
UNK529	91529	14.1	2-METHYLCYCLOPENTANONE
UNK648	91648	11.3	UNK
UNK652	91652	236	UNK

PARAMETERS	STORET #	37332 OPGW2C	TENTATIVE ID
UNITS	METHOD	5	
DATE	06/16/86		
TIME	11:58		
UNK040	91040	7.50	UNK
UNK582	91582	6.41	UNK

PARAMETERS	STORET #	37343 OPGW2C	TENTATIVE ID
UNITS	METHOD	6	
DATE	06/13/86		
TIME	08:39		
UNK594	91594	14.3	N-HEPTADECANE, 2,6,10,14-TETRAMETHYLPENTADECANE

PARAMETERS	STORET #	37343 OPGW2C	TENTATIVE ID
UNITS	METHOD	6	
DATE	06/13/86		
TIME	08:39		
UNK600	91600	5.51	2,6,10,14-TETRAMETHYLPENTADECANE
UNK605	91605	7.49	N-NONADECANE
UNK667	91667	175	UNK

		37347	
PARAMETERS	STORET #	OPG3C	TENTATIVE ID
UNITS	METHOD	5	
DATE	08/25/86		
TIME	00:00		

PARAMETERS	STORET #	37349 OPG3C	TENTATIVE ID
UNITS	METHOD	6	
DATE	09/11/86		
TIME	07:53		

PARAMETERS	STORET #	37353 OPGW2	TENTATIVE ID
UNITS	METHOD	8	
DATE	06/12/86		
TIME	11:32		
UNK523	91523	10.8	A NONANE
UNK524	91524	13.0	4-HYDROXYL-4-METHYL-2-PENTANONE
UNK526	91526	20.9	A NONANE
UNK526	91526	20.9	A NONANE
UNK527	91527	32.3	METHYLOCTANE

PARAMETERS	STORET #	37353 OPGW2C	TENTATIVE ID
UNITS	METHOD	8	
DATE	06/12/86		
TIME	11:32		
UNK649	91649	120	UNK
UNK657	91657	67.7	UNK

PARAMETERS	STORET #	37353 OPG3C	TENTATIVE ID
UNITS	METHOD	4	
DATE	09/12/86		
TIME	07:38		

PARAMETERS	STORET #	37354 OPGW2C	TENTATIVE ID
UNITS	METHOD	4	
DATE	06/11/86		
TIME	10:06		
UNK635	91635	2.83	BIS(2-ETHYLHEXYL)PHTHALATE

PARAMETERS	STORET #	37356 OPG3C	TENTATIVE ID
UNITS	METHOD	7	
DATE	09/08/86		
TIME	10:43		
UNK652	91652	127	UNK

		37357	
PARAMETERS	STORET #	OPG3C	TENTATIVE ID
UNITS	METHOD	8	
DATE	09/11/86		
TIME	10:47		

PARAMETERS UNITS	STORET # METHOD	BOLLER OPGW2C 7	TENTATIVE ID
DATE	07/01/86		
TIME	09:32		
UNK588	91588	11.4	UNK
UNK635	91635	18.4	PHTHALATE, BIS(2-ETHYLHEXYL)- PHTHALATE
UNK640	91640	5.79	PHTHALATE
UNK649	91649	7.08	PHTHALATE
UNK654	91654	6.42	PHTHALATE
UNK656	91656	112	UNK
UNK669	91669	5.87	PHTHALATE

GC/MS TRIP BLANK DATA

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GCMS TRIP BLANKS

STORET CODE:					34371	34030	81596	81580	34496	34531	34506	34511	34423	32106	32102	34546	34010	34301
METHOD CODE:					RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB
PARAMETER:					ETHYBENZ	BENZENE	N1BK	DMDS	11DCLE	12DCLE	111TCE	112TCE	METHYLCL	CHCL3	CCL4	T12DCE	TOLUEN	CLC6HS
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME														
T4TBKC	2	TBK2	06/04/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	3	TBK3	06/05/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	5	TBK5	06/12/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	6	TBK6	06/23/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	3.9	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	7	TBK7	06/24/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	8	TBK8	06/24/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	9	TBK9	06/26/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	10	TBK10	06/27/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	11	TBK11	06/30/86	00:52	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBKC	12	TBK12	07/01/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	3	TB3	08/28/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	6.66	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	4	TB4	09/02/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	5	TB5	09/03/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	6.79	[4.1	<2.0	<2.0	1.3	<2.0
T4TBC	6	TB6	09/04/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	6.41	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	7	TB7	09/05/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	1.9	<2.0
T4TBC	8	TB8	09/08/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
OPTBC	4	TB4	09/12/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	9	TB9	09/15/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	10	TB10	09/17/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	11	TB11	09/18/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	8.45	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	12	TB12	09/19/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	1.1	<2.0
T4TBC	13	TB13	09/22/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	14	TB14	09/23/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	15	TB15	09/24/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	16	TB16	09/26/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T4TBC	17	TB17	09/29/86	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T44GMS3	50	TB1	05/05/87	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T44GMS3	51	TB2	05/06/87	00:00	<1.0	<1.0	<2.0	<3.0	<2.0	<1.0	<1.0	<1.0	<5.00	<1.00	<2.0	<2.0	<1.0	<2.0
T44GMS3	52	TB3	05/08/87	00:00	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	15.9	<1.00	<1.5	<1.2	<1.0	<2.1
T44GMS3	53	TB4	05/11/87	00:00	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	<4.00	<1.00	<1.5	<1.2	<1.0	<2.1
T44GMS3	54	TB5	05/12/87	00:00	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	<4.00	<1.00	<1.5	<1.2	<1.0	<2.1
T44GMS3	55	TB6	05/13/87	07:52	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	<4.00	<1.00	<1.5	<1.2	<1.0	<2.1
T44GMS3	56	TB7	05/18/87	00:00	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	<4.00	<1.00	<1.5	<1.2	<1.0	<2.1
T44GMS3	57	TB8	05/19/87	00:00	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	9.81	<1.00	<1.5	<1.2	<1.0	<2.1
T44GMS3	59	TB10	07/09/87	07:20	<1.0	<1.1	<2.0	<2.5	<2.0	<1.0	<1.0	<1.0	5.72	<1.00	<1.5	<1.2	<1.0	<2.1

D717

OCHS TRIP BLANKS

STORET CODE:					34475	39100	90553	90554	99133	77985	90633
METHOD CODE:					MB	MB	MB	MB	MB	MB	MB
PARAMETER:					TCLEE	TRCLE	M-XYLENE	OP-XYL	DBCP	DCPD	DCMD
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
FLD.GRP.	#	SAMPLE ID	DATE	TIME							
T4TBKC	2	TBK2	06/04/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	3	TBK3	06/05/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	5	TBK5	06/12/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	6	TBK6	06/23/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	7	TBK7	06/24/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	8	TBK8	06/24/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	9	TBK9	06/26/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	10	TBK10	06/27/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	11	TBK11	06/30/86	00:52	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBKC	12	TBK12	07/01/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	3	TB3	08/28/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	4	TB4	09/02/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	5	TB5	09/03/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	6	TB6	09/04/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	7	TB	09/05/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	8	TB8	09/08/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
OPTBC	4	TB4	09/12/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	9	TB9	09/15/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	10	TB10	09/17/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	11	TB11	09/18/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	12	TB12	09/19/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	13	TB13	09/22/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	14	TB14	09/23/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	15	TB15	09/24/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.6
T4TBC	16	TB16	09/26/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T4TBC	17	TB17	09/29/86	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T44GMS3	50	TB1	05/05/87	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T44GMS3	51	TB2	05/06/87	00:00	<1.0	<1.0	<1.0	<2.0	<4.0	<2.0	<1.0
T44GMS3	52	TB3	05/08/87	00:00	<1.0	<1.0	<1.0	<2.0	<3.0	<1.1	<1.0
T44GMS3	53	TB4	05/11/87	00:00	<1.0	<1.0	<1.0	<2.0	<3.0	<1.1	<1.0
T44GMS3	54	TB5	05/12/87	00:00	<1.0	<1.0	<1.0	<2.0	<3.0	<1.1	<1.0
T44GMS3	55	TB6	05/13/87	07:52	<1.0	<1.0	<1.0	<2.0	<3.0	<1.1	<1.0
T44GMS3	56	TB7	05/18/87	00:00	<1.0	<1.0	<1.0	<2.0	<3.0	<1.1	<1.0
T44GMS3	57	TB8	05/19/87	00:00	<1.0	<1.0	<1.0	<2.0	<3.0	<1.1	<1.0
T44GMS3	59	TB10	07/09/87	07:20	<1.0	<1.0	1.4	<2.0	<3.0	<1.1	<1.0

APPENDIX E

HYDROCHEMICAL PROPERTIES AND HYDROLOGIC CALCULATIONS

APPENDIX E
HYDROCHEMICAL PROPERTIES

Several hydrochemical properties that are discussed in Section 4.4 (Volume I) and presented in this Appendix may also influence contaminant distribution in the Denver Fm. These parameters include density, solubility, viscosity, and partitioning behavior (partition coefficients). The following discuss the environmentally important properties of chemicals, as well as the major types of mechanisms that may be operative at RMA, and the influence these controls may exert on compound distribution.

E.1 PHYSIOCHEMICAL PROPERTIES

The concentration, behavior, and fate of compounds in aqueous media are determined by a number of physiochemical and biological processes (Moore and Ramamoothy, 1984). These processes include sorption-desorption, volatilization, oxidation-reduction, hydrolysis, halogenation-dehalogenation, cosolvent effects, photochemical processes, and metabolic transformation which influence contaminant partitioning, migration, and degradation. Processes are discussed in Section E.2. Specific chemical properties influence the physiochemical processes, and include density, solubility, viscosity, vapor pressure, and partition coefficients. A summary of these properties for contaminants identified in RMA waters is discussed below and provides information to assess fate and transport processes that control contaminant distribution in aqueous media.

E.1.1 DENSITY

Density is defined as the mass per unit volume of a substance under standard conditions of pressure and temperature (Morris, 1976). Specific gravity is similar to density, as it represents the mass of a compound relative to that of an equal volume of water at 4°C. After immiscible contaminants are introduced to the ground-water system they will either sink, float, or remain suspended in the ground water as a function of compound density/ specific gravity. Table 4-2 lists the specific gravity of RMA contaminants.

The influence of compound density on contaminant distribution is substantially decreased once the compound is dissolved. However, the resulting density of the overall aqueous media relative to uncontaminated aquifer waters may produce a small amount of density differentiation, depending on compound concentration. As a contaminant continues to mix with uncontaminated water, dilution of the ground water/contaminant mixture occurs and the effects of density differentiation are greatly reduced.

E.1.2 SOLUBILITY

Solubility is the maximum amount of a compound that will dissolve in a given amount of solvent. This property will affect the amount of contaminant that can be transported in the dissolved phase within aqueous media.

Solubility of a contaminant in water is influenced by a number of parameters including temperature, pressure, chemical reactions within the ground water system, pH, Eh, and the concentration of other ionic species in solution. In very general terms, the solubility of a compound increases with increased temperature, decreased ionic content, decreased pH (for metals), and increased

organic constituent content (Ebasco, 1988, unpublished). Table 4-2 summarizes RMA contaminant solubility in water. In general, compounds with solubilities in excess of 1,000 mg/l may be considered relatively soluble, which includes most of the volatile organohalogens, benzene, DBCP, MIBK, CPMSO, $CPMSO_2$, DMDS, oxathiane, dithiane, DIMP, and DMMP.

Arsenic is generally considered insoluble, although it is found throughout much of the RMA alluvial ground water Appendix F (Figure 4.2-21). One possible explanation for this occurrence is that arsenic may be found as metalloid complexes (negatively charged or neutral) that exhibit little or no adsorption or ion exchange attenuation (Freeze and Cherry, 1979, Task 23).

E.1.3 VISCOSITY

Viscosity can be an important consideration for immiscible compounds. In a porous media setting, immiscible, viscous material will travel at lower rates than dissolved constituents through porous media. Noting that many of the contaminants at RMA exhibit miscibility, this parameter may be of concern only where solubility of a compound is exceeded and undissolved material may exist.

E.1.4 VAPOR PRESSURE

Vapor pressure is defined as the pressure exerted by vapor in equilibrium with its solid or liquid phase (Morris, 1976). This parameter defines which compounds are classified as volatile and determines the relative potential influence of the vapor phase on contaminant distribution. Vapor pressure is highly dependent upon temperature and molar/molal heat of vaporization (Moore and Ramamoorthy, 1984). Ebasco (1988) assembled information regarding vapor pressure for RMA compounds (Table 4-2). In general terms, volatile compounds exhibit vapor pressures in excess of 1 millimeter of mercury (mmHg), semivolatile compounds exhibit vapor pressures between 1 and 0.001 mmHg, and nonvolatile compounds exhibit vapor pressures less than 1×10^{-3} mmHg (Ebasco, 1988).

E.1.5 PARTITION COEFFICIENTS

A partition coefficient is the measure of the distribution of a given compound between two phases and may be expressed as a concentration ratio (Moore and Ramamoorthy, 1984). Of particular concern to aqueous media are the partitioning of compound between the aqueous and vapor phases, and partitioning of contaminant between the aqueous and solid (aquifer material) phases. These behaviors are defined by Henry's constant (K_h) and the sorption coefficient (K_d), which are discussed below.

E.1.5.1 HENRY'S LAW CONSTANT

Henry's law states that at equilibrium, the solubility of a gas in water at a constant temperature is proportional to the vapor pressure (Hem, 1986). This proportionality is related to Henry's law constant, which is defined by the formula:

$$K_h = \frac{[x]}{Px}$$

where:

K_h = Henry's constant,
$[x]$ = Activity of the compound in the liquid phase, and

Px = Vapor pressure of the compound at a given temperature.
K_h is constant at equilibrium, therefore, variations in either Px or [x] will produce a corresponding adjustment in the other phase.

Compounds that exhibit K_h of less than 10^{-7} atm-m^3/mol are considered nonvolatile and will exist primarily as dissolved or sorbed constituents within aqueous media. Compounds with K_h between 10^{-7} and 10^{-3} at m-m^3/mol may be considered semivolatile in nature, while contaminants with K_h greater than 10^{-3} atm-m^3/mol volatile.

E.1.5.2 SORPTION COEFFICIENT

The sorption coefficient, or K_d, is represented by the ratio of the concentration of a contaminant sorbed to aquifer material and the concentration of contaminant in the aqueous phase. The following formula describes this relationship:

$$K_d = \frac{Cs}{Cw}$$

where:
K_d = Sorption coefficient;
Cs = Concentration in the solid phase; and
Cw = Concentration in the liquid phase.

K_d is different for each contaminant, and is affected by temperature, pH, Eh, and composition of both the soil and aqueous media.

K_d is markedly influenced by the organic carbon content within the system. Organic carbon is usually associated with the solid media, and the relationship is described by:

$$K_d = K_{oc} \cdot f_{oc} \quad \text{or} \quad K_{oc} = \frac{K_d}{f_{oc}}$$

where:
K_{oc} = Sorption coefficient on organic carbon in soil; and
f_{oc} = Fraction organic carbon in solid.

Sorption coefficient values shown on Table 4-2 were mainly acquired from Task 35, although values derived under the K_d Investigation were also considered (ESE, 1988). Under this investigation, borings were installed in the Basin A area and ground water/aquifer soil samples collected to determine partition coefficient values for RMA compounds. K_d calculations were conducted based on K_{oc} and f_{oc} determinations, and were compared with estimates presented in the Task 35 Toxicity Assessment (Ebasco, 1988). Figure E-1 illustrates the relationship of K_d and K_h within aqueous media at RMA. The figure shows those compounds that are volatile, semivolatile, and nonvolatile. It also shows that dichloro-ethene/ethane compounds and methylene chloride may have 30 to 70 percent of constituents in the vapor phase relative to the dissolved phase, with the remainder of the volatiles exhibiting 4 to 30 percent of their total concentration in the vapor phase. Figure E-1 also serves to illustrate partitioning behavior of semivolatile/ nonvolatile compounds. Compounds to the left exhibit higher K_ds, and are therefore more likely to be sorbed to aquifer material relative to compounds on the right side of the diagram.

An additional partitioning relationship of concern is defined by the octanol-water partition coefficient (K_{ow}) (Table 4-2). This parameter is defined by the ratio of a chemical's concentration in the octanol phase to its concentration in the aqueous phase in a two-phase system (Ebasco, 1988). K_{ow} is of particular concern in a system where both aqueous and organic solvent phases are present. A compound may partition into either phase preferentially based on the compound's K_{oc}. There is not sufficient solvent concentration within RMA waters to cause this cosolvent effect on a regional basis, although localized partitioning may occur. A laboratory study by Staples and Geiselmann (1987) using soil columns indicated that cosolvent concentrations of approximately 5 to 10 percent were necessary to reduce transport time by 1/2. This would require organic solvent concentrations on the order of 50,000 ppm to 100,000 ppm, much higher than detectable concentrations in RMA groundwater.

The sorption coefficient (K_d) is particularly important because it may profoundly influence contaminant distribution within a ground-water system. Contaminant flow will be attenuated by the amount of partitioning between the liquid and solid phase, and is represented by the equation:

$$R_f = 1 + \frac{B \cdot K_d}{N_e}$$

where:

R_f = Retardation factor,
B = Bulk density of the aquifer material (kg/l), and
N_e = Effective porosity of the aquifer.

Estimates for effective alluvial aquifer porosity range between 20 percent and 35 percent, with an estimated porosity of 30 percent. Bulk density is approximately 2.7 g/cm^3. Dividing R_f by ground-water velocity can indicate potential contaminant migration rates.

E.2 CONTAMINANT TRANSPORT AND FATE PROCESSES

To determine the interaction of contaminated RMA soils and ground water and their subsequent impact on the environment, an understanding of contaminant fate and transport is required. Environmental contamination problems would be minimal in the absence of transport processes. It is the transport processes that cause the migration of contaminants laterally and vertically from the site of their storage, disposal, or accidental spill. In addition to the migration of contaminants from their point of origin in the environmental matrix, numerous transformation and degradation processes also influence their fate. These processes can cause changes in the physical properties of contaminants, such as increasing or decreasing their mobility and toxicity. The dynamic interaction of these fate and transport processes governs the distribution of contaminants in the soil.

In order to summarize potential fate and transport mechanisms in the unsaturated and saturated soil environments, processes have been organized into three general categories:

- Transport processes;
- Attenuation processes; and
- Loss processes.

Several processes are included under each of these general categories. The role of these processes in the environment, and their specific influence on RMA contaminant fate and transport, is discussed below. This categorization is in some sense artificial, and is strongly dependent on the definition of the system of interest. Some processes have characteristics which cause them to fall to some extent into more than one category. For example, volatilization can be an attenuation process in the aqueous phase if contaminants are retained in the gaseous phase within the soil pore space. In this case the contaminants may reenter solution. If the gaseous contaminants are lost to the atmosphere they are no longer a component in the system in question. This would be considered a loss process. Ecological exposure pathways will be discussed in detail in the Biota Remedial Investigation Report (ESE, 1989a).

E.2.1 Transport Processes

Processes that effect transport of soluble contaminants in ground water include advection and dispersion. Advection is the process by which contaminants are transported by the bulk motion of flowing ground water. It is the primary process by which solutes migrate in coarse-grained, permeable aquifers. The magnitude of the driving force for ground-water flow is the hydraulic conductivity. The average linear velocity of ground water in an aquifer is equal to the product of the gradient and the aquifer's capability to transmit water (Mackay et al., 1985).

A plume of dissolved contaminants will spread as it moves with ground water. This tendency to spread is called dispersion and it is the result of two processes-- molecular diffusion and mechanical mixing.

Molecular diffusion defines the tendency for ionic and molecular species to move under the influence of their kinetic activity. This kinetic activity of contaminants in solution results in a net flux, or diffusion, of contaminants from an area of higher concentration to an area of lower concentration (Freeze and Cherry, 1979). The influence of molecular diffusion on movement of solutes diminishes directly with the velocity of ground-water flow.

Mechanical mixing, by contrast, involves variation in ground water velocity caused by frictional forces, variability in pore dimensions, and variability in localized flow direction (Mackay et. al., 1985). Dispersion leads directly to dilution, so that maximum concentrations diminish with distance from the source. Dispersion will also tend to increase the uniformity of concentrations in a plume with distance from the source. Observed dispersion in the direction of longitudinal flow is usually greater than dispersion in the traverse direction of flow. Tests using field tracers indicate increasing dispersivity in the longitudinal direction as the distance between injection and observation wells increases, until some point where the dispersivity stops increasing. This phenomenon of increased dispersivity with increased distance travelled is referred to in the literature as the scale effect (Molz, 1983). It is possible for dispersive spreading to result in the arrival of detectable contaminant concentrations prior to the predicted arrival time based solely on the average ground water velocity (Newsom, 1985; Mackay, 1985).

E.2.2 ATTENUATION PROCESSES

The concentrations of many organic and inorganic contaminants in ground water are often much lower than would be expected on the basis of equilibrium solubility calculations or from supply to the aqueous phase from point source concentrations. Most commonly these compounds are adsorbed onto the solid phase or, in the case of inorganic contaminarts, are influenced by chemical precipitation in response to solubility constraints (Drever, 1982; Cherry, 1984).

E.2.2.1 SORPTION-DESORPTION

Partitioning between coexisting aqueous and solid phases is the dominant factor for determining the extent to which a contaminant will be leached to the water table and transported with ground-water flow. Contaminants that are strongly sorbed to the solid phase will migrate at a relatively slow rate compared to contaminants which are not as strongly sorbed. Many contaminants of environmental concern are commonly detected in both the solid and aqueous phases at similar concentrations. For these moderately adsorbed compounds, travel times will be intermediate between those that are more readily adsorbed and those with minimal adsorption characteristics.

The transfer of contaminant mass by sorption from the aqueous phase to the solid phase of the porous medium causes retardation of the rate of contaminant transport. The partition coefficient concept is based on the assumption that the reactions that partition contaminants between the aqueous and solid phases are completely reversible. In such a case contaminant plume transport will be retarded by the transfer of contaminant mass from the liquid to the solid phase. As concentrations decrease in ground-water, contaminants will be transferred back to the aqueous phase. After input of contaminated water is discontinued, the plume of contamination will move down the flow path as it is replaced by ground-water with decreasing concentrations. With sufficient time, all contaminants will be flushed from the ground-water system if the reactions are reversible. Any contaminant fixed to the solid phase irreversibly, relative to the time scale of interest, will not be transferred back to the aqueous phase and will therefore remain in place in the subsurface environment. In cases where partitioning cannot be described by equilibrium relations, information on reaction rates between contaminant and porous media is required in order to make accurate predictions on rate of contaminant migration. An example of this are substances that do not react rapidly enough with the porous media relative to ground-water flow rates for equilibrium to be established (Freeze and Cherry, 1979).

These are several generalities that can be used to predict the extent of sorption. The more hydrophobic an organic compound is, the more likely it is to be sorbed. The solubility of an organic compound depends upon the physiochemical characteristics of the sorbent material, such as available surface area, nature and density of charge, presence of hydrophobic areas, presence of organic matter such as humic and fulvic acids, as well as characteristics of the contaminant such as solubility and hydrophobicity. Karickloff (1981) generalized that for neutral organic compounds of limited solubility ($<10^{-3}$ M), that are not susceptible to speciation charges, sorption is primarily controlled by organic carbon content and the percentage of fine-grained sediments.

E.2.2.2 DISSOLUTION/PRECIPITATION

To predict solubility constraints the law of mass action and the associated principles of equilibrium-chemical thermodynamics must be considered. The equilibrium relation for a contaminant species controlled by precipitation or dissolution is defined as:

$$xX + bB = yY + cC + dD;$$

where:

X is the inorganic contaminant species in the solution phase;
Y is a mineral or solid amorphous compound in which the contaminant species is incorporated by precipitation or from which it is released by dissolution;
B, C, and D are other species in solution; and,
x, y, b, c, and d are the stoichiometric mole number.

From the law of mass action, the equilibrium expression is obtained

$$[X]^x = [C]^c [D]^d / K_{eq} [B]^b;$$

where:

K_{eq} is the equilibrium constant and the quantities within the brackets are chemical activities of the species indicated.

If X is initially above the equilibrium concentration when it enters the ground water system, adjustment toward equilibrium will occur by precipitation of mineral or amorphous solids. If X is below the equilibrium concentration, available minerals or amorphous solids that contain X as part of the chemical structure will dissolve.

E.2.3 LOSS PROCESSES

Loss processes are those that cause a compound to be removed permanently from the environmental system under study. For example, compounds with relatively high values of Henry's law constant are likely to volatilize from a surface water body. After volatilization they are lost to the aqueous phase and are present in the atmosphere where they are subject to a different set of processes.

E.2.3.1 Volatilization

Volatilization is the process by which a compound evaporates from either a liquid or solid phase to the gas phase. Loss of contaminants from surface water and shallow ground water through volatilization can be a significant transport pathway, resulting in reduced concentrations. The degree to which a compound will be volatilized is dependent on physical chemical characteristics of the compound, such as vapor pressure and Henry's law constant, as well as properties of the coexisting sediment and aqueous phases.

E.2.3.2 Chemical Transformations

Transformation and degradation processes determine whether a chemical will persist in the environment. Key processes include both biological and chemical mechanisms, such as biotransformation, hydrolysis, photolysis, and oxidation-reduction. Contaminants are generally reduced to less hazardous components, such as carbon dioxide and water. However, the characteristics of degradation products may, in certain instances, be of greater concern due to increased toxicity, persistence, or mobility. Specific rates at which these processes

occur are dependent on individual chemical, soil, and environmental characteristics. In general, surface processes occur at faster rates than subsurface processes.

Several chemical reaction mechanisms potentially contribute to the overall process of chemical transformation. Hydrolysis, photolysis, and oxidation-reduction reactions are the primary components of chemical transformation in surface and ground-water, although other reactions, such as reductive dehalogenation may be significant for individual compounds of interest. Callahan (1979) assessed potential transformations affecting priority pollutants in aqueous systems. Only a brief description of each major class of reactions is provided below.

Hydrolysis

During hydrolysis, an organic compound reacts with water, resulting in the introduction of a hydroxyl group into the molecule and subsequent elimination of another functional group, such as a halogen. Hydrolysis may be catalyzed by acid (H+), base (OH-), or metal (M+) ions: thus, the rate of hydrolysis is pH and metal-ion-concentration dependent. Surface effects may also influence the rate of hydrolysis. Hydrolysis of some pesticide derivatives is more rapid in the presence of humic materials.

Mabey and Mill (1978) reviewed data for hydrolysis of a variety of organic chemicals for use in predicting of half-lives in aquatic systems. In some cases alkyl halides appear to exhibit hydrolysis rates which are independent of pH in the environmental pH range of 4-9. Carboxylic acid esters, however, are acid/base promoted and exhibit a minimum hydrolysis rate at pH 4-5. Rate constants for many hydrolyzable structures can be estimated from published data (EPA, 1979).

Photochemical Processes

Photochemical processes include both direct photolysis and sensitized photolysis. In direct photolysis the compound adsorbs solar radiation and is transformed, while in sensitized photolysis, the energy which transforms the compound is derived from another species in solution. Photolysis reactions may occur in either near-surface soils or surface water.

Photochemical reactions generally occur at wavelengths greater than 290nm. The rate of direct photolysis is dependent on the sunlight photon flux, the light adsorption coefficients of the chemical, and the reaction efficiency for converting absorbed light into chemical reaction.

In contrast to direct photolysis, indirect photolysis will take place if substances naturally present in aquatic environments form excited chemical species or radicals upon absorption of sunlight. These radicals subsequently react with a chemical. Photochemical reactions that may be considered in the indirect class are those in which photolyzed natural substances produce high energy intermediates that react with the ground state of the chemical. An example of such indirect reactions is photo-oxygenation. In this case singlet oxygen is the intermediate.

Oxidation-Reduction

In the soil environment, oxidation-reduction (redox) reactions involving both inorganic and organic compounds are important. Inorganic chemists define oxidation as the loss of electrons and increase in oxidation number, while reduction is the gain of electrons and decrease in oxidation number. Organic oxidation reactions generally involve a gain in oxygen and loss of hydrogen, while the reverse is frequently true for organic reduction.

Many organic compounds can either accept or donate electrons, forming reduced or oxidized species. This oxidation or reduction may alter an organic compound's environmental and biological properties. The rate of loss of a chemical by oxidation or reduction is generally a second-order kinetic reaction. Oxidation may be expressed by the following:

$$-\frac{dC}{dt} = k_{ox}\,[ox]\,[c]$$

where:

k_{ox} = second-order rate constant for the oxidation of chemical, C, and [ox] and [c] are the concentrations of oxidant and chemical, respectively. Mill (1979) reviewed the use of k_{ox} for estimation of oxidation half-lives of chemicals (Moore and Ramanoorthy, 1984).

Oxygen often requires the presence of O_2, but the reaction usually involves free radicals, especially OH, RO_2, RO, and singlet oxygen as the oxidant (where R = carbon chain or ring). Redox reactions are often biologically mediated, but can also occur in abiotic systems. Chemical structures most susceptible to oxidation include, phenols, aromatic amines, and dienes. Unsaturated alkyl compounds such alkenes, halogenated alkenes, alcohols, esters, and ketones are not readily oxidizable in the ground water environment (Cherry et al., 1984).

Halogenation-Dehalogenation

Reductive dehalogenation involves the removal of a halogen atom in an oxidation-reduction reaction. This reaction is most likely to occur in low-redox state ground waters. This biological reaction requires mediators, such as Fe^{+3} or biological products, to accept electrons generated by oxidation of reduced organics and to transfer these electrons to the halogenated organic compound to bring about dehalogenation (Mackay et al., 1984).

Conversely, halogenation of organic compounds occurs mostly under synthetic conditions or under harsh environmental conditions. Mild chlorination reactions are possible in natural waters containing residual chlorine.

Metabolic Transformation

Biotransformations occur as a result of the metabolic activity of microorganisms through the action of enzymes which catalyze chemical reactions. These reactions generally lead to the production of energy or some essential nutrient for the organism, although some chemicals may be transformed even though the specific reaction does not promote growth. Rates of biotransformation are dependent on microbial tolerance to specific contaminant compounds and the availability of groups of compounds, such as oxygen and nitrate, as nutrient sources. Therefore, rates of biodegradation are dependent upon microbial population and environment

as well as the physical/chemical properties of the compound. Although only limited information is available on rates of biodegradation, historical data and field studies may be helpful in evaluating the use of biodegradation processes in remediating site contamination.

GROUND WATER VELOCITY CALCULATIONS

Calculation of Lateral Travel Times in the Denver Fm--The lateral travel times in Denver Fm units were estimated by calculating the average linear ground-water velocity from the principles of Darcy's Law, which can be written as:

$$\bar{v} = \frac{K \cdot \frac{dh}{dl}}{n}$$

where:

$\bar{v}$ = average linear ground-water velocity
K = horizontal hydraulic conductivity
$\frac{dh}{dl}$ = horizontal hydraulic gradient
n = porosity [calculated from soil test data on Denver Fm units by May et al. (1980, RIC#81266R48) and May (1982, RIC#82295R01)].

The horizontal hydraulic conductivity values used, 1.6 ft/day and 1.1 ft/day, were determined from pumping tests performed on Wells 22317 and 24154 by Black and Veatch (1980, RIC#81266R25). These are the only horizontal hydraulic conductivity values obtained from a pumping test for confined Denver Fm sandstone units at RMA. These values were chosen to obtain a conservative estimate of travel times and because pumping tests generally provide more reliable values than slug tests.

The hydraulic gradient used was 0.01 ft/ft which is representative of potentiometric surface gradients observed in Denver Fm zones at RMA. The porosity of the Denver Fm sandstones was estimated from the following equation:

$$n = \frac{e}{1 + e}$$

where:
n = porosity
e = void ratio

and the void ratio was calculated from:

$$e = \frac{(G \cdot w)}{d} - 1$$

where:
e = void ratio
G = specific gravity (2.7)
w = unit weight of water (62.4 lb/ft^3)
d = dry unit weight (96.0 to 113.6 lbs/ft^3)

This calculation was performed by assuming a specific gravity for sandstone of 2.7 (Lambe and Whitman, 1969) and using the range of dry-unit weights for

sandstone samples determined from laboratory tests by May et al. (1980, RIC#81266R48) and May (1982, RIC#82295R01). Using the above equation, calculated porosity values ranged from 0.33 for medium to coarse-grained sandstone to 0.43 for silty, fine-grained sandstone. These porosity values are in close agreement with the representative values reported for fine- grained sandstone (0.33) and medium-grained sandstone (0.37) by Morris and Johnson (1967). To obtain the highest estimates of average linear ground-water velocities, the lowest porosity value of 0.33 was used.

Vertical average linear ground-water velocities were estimated using Darcy's Law. The calculation of vertical average linear ground-water velocity is dependent on the vertical hydraulic conductivity, the porosity of the weathered clayshale, and the vertical hydraulic gradient.

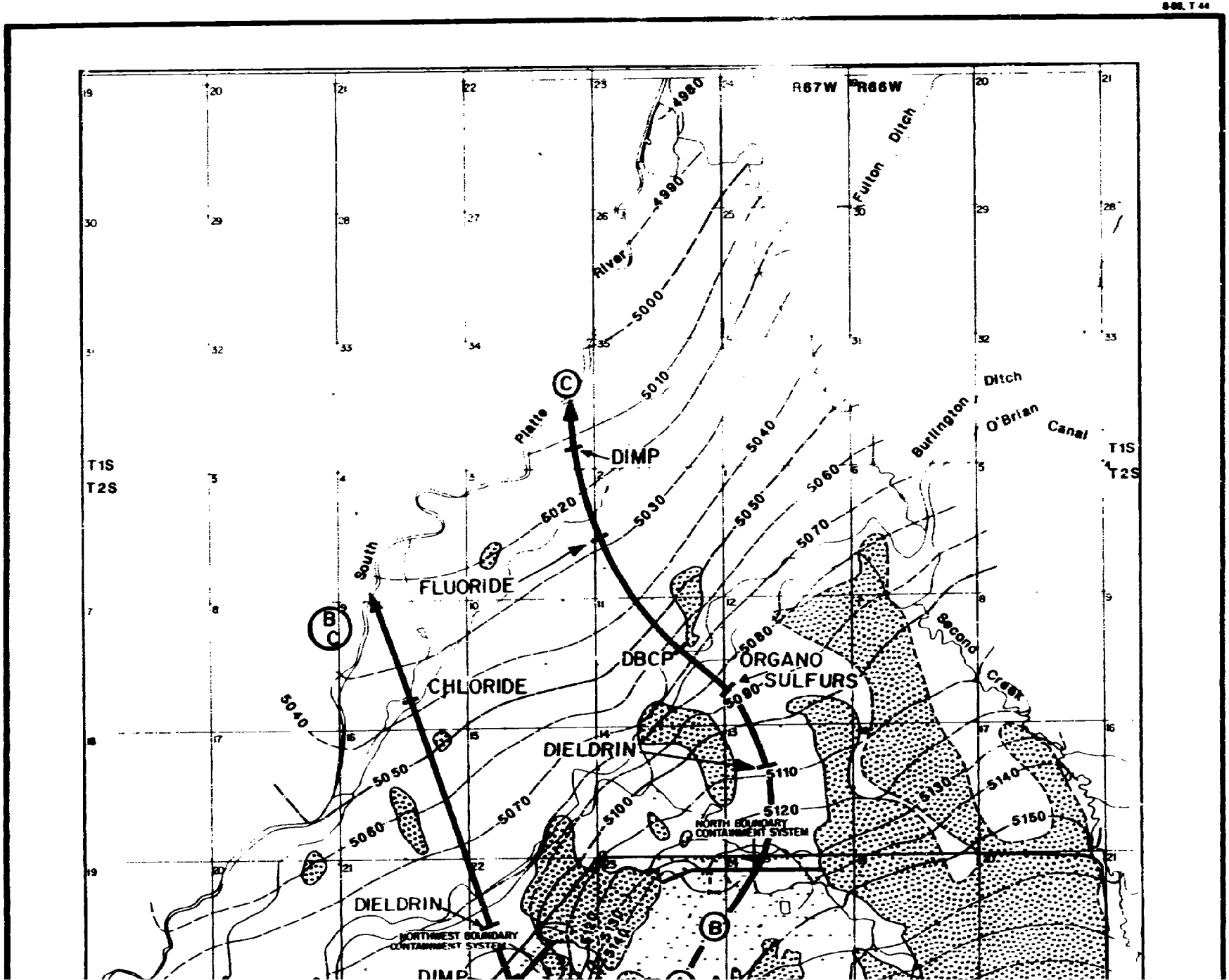
The vertical hydraulic conductivity of the weathered clayshale could be estimated by three methods: pumping tests, laboratory permeability tests, and using the assumption that vertical hydraulic conductivity is generally two orders of magnitude less than the horizontal hydraulic conductivity. These three methods will be briefly described below.

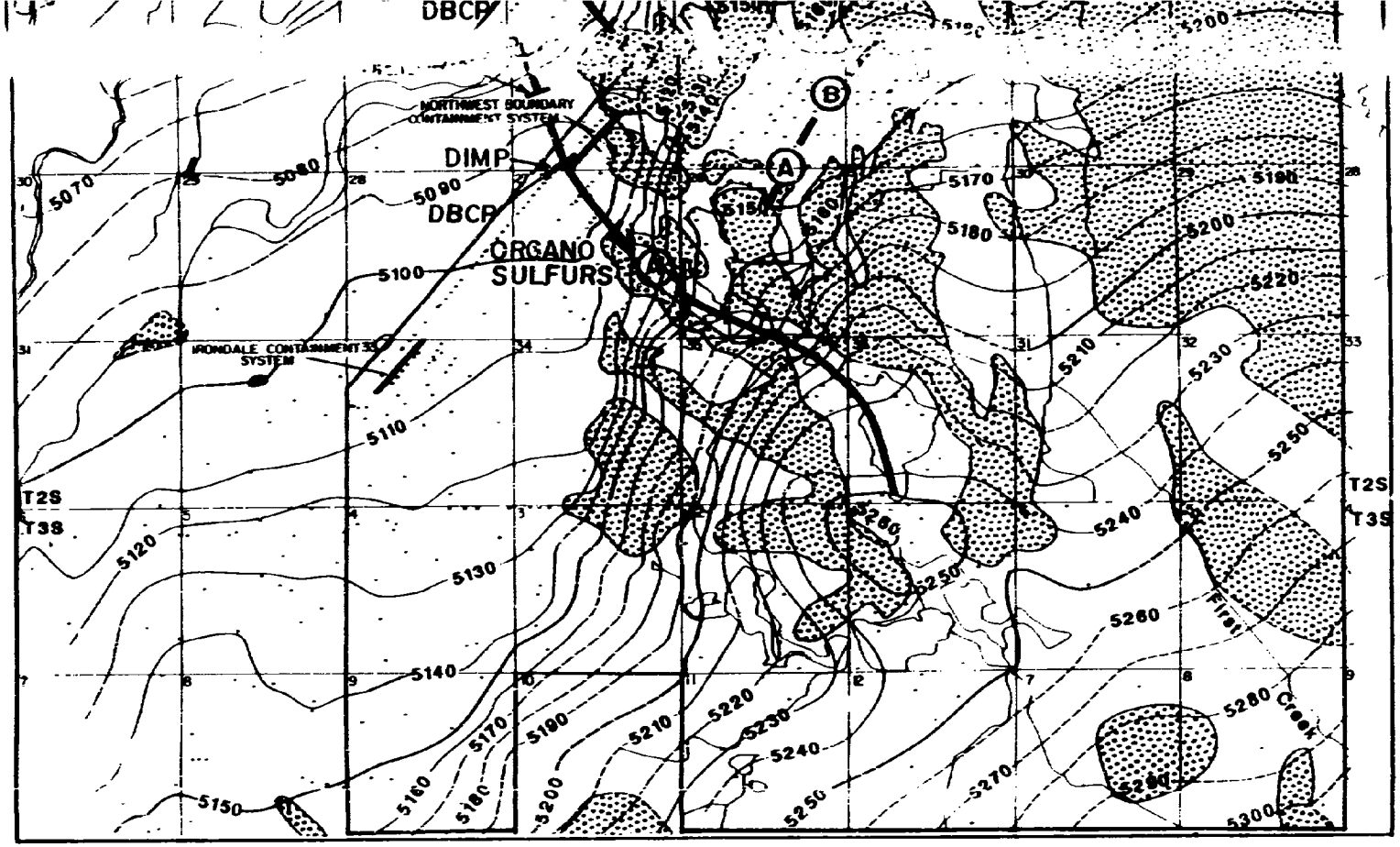
The first method used a pumping test performed near the NBCS at Well 24154 (Black and Veatch, 1980, RIC#81266R25) to estimate vertical hydraulic conductivity for clayshale using the type-curve graphical method devised by Walton (1960) for a leaky artesian aquifer. However, as explained in the Task 36 Draft Final Report (ESE, 1988), the 4.1×10^{-5} ft/day value may have been underestimated because the confining layer between the alluvium and the sandstone unit that was tested was 20-ft thick.

The second method that could be used to estimate vertical hydraulic conductivity was using laboratory permeability tests conducted by WES (1987, RIC#82295R01) on clayshale core samples from Wells 32002 and 35067. The sample intervals were from 107.6 to 108.0 ft, and 77.0 to 77.6 ft, respectively, and were below the depth of weathering. The average vertical hydraulic conductivity value from these falling head permeability tests was 0.16 ft/day. This value appears to be overestimated due to the travel times that would be associated with its use.

A third method used to estimate vertical hydraulic conductivity assumed that it is generally two orders of magnitude less than the horizontal hydraulic conductivity value (Freeze and Cherry, 1980). A slug test performed on Well 24145, screened in jointed clayshale (May et al., 1980, RIC#81266R48), yielded a horizontal value of 5.7×10^{-2} ft/day. Using this value, and assuming vertical hydraulic conductivity would be two orders of magnitude less, a vertical value of 5.7×10^{-4} ft/day is obtained. The horizontal value may be underestimated, thereby underestimating the vertical value, due to the slug test not stressing the aquifer enough to yield water from the fractures.

It is important when considering vertical hydraulic conductivity to note that it generally decreases with depth due to decreased fracturing and weathering and increased consolidation of the rock.


R67W
R66W
Fulton Ditch
Platte River
Burlington Ditch
O'Brian Canal
Second Creek
South
T1S
T2S
4980
4990
5000
5010
5020
5030
5040
5050
5060
5070
5080
5090
5100
5110
5120
5130
5140
5150
DIMP
FLUORIDE
CHLORIDE
DBCP
ORGANO SULFURS
DIELDRIN
DIELDRIN
DIMP
NORTH BOUNDARY CONTAINMENT SYSTEM
NORTHWEST BOUNDARY CONTAINMENT SYSTEM
B
C



EXPLANATION

Contour Interval Equals 10 Feet

Unsaturated Alluvium

Inferred Contour

Interpreted Contour

Migration Pathways

Apparent Plume Extent

Groundwater Monitoring Well

Ground-Water Travel Distance Over 30 Years Using

(A) Minimum K Value

(B) Best Estimate K Value

(C) Maximum K Value

N

0 5000

Scale in Feet

Figure E-1

CONTAMINANT MIGRATION DISTANCES IN SELECTED PATHWAYS

SOURCE: HLA, 1988

Prepared for:
U.S. Army Program Manager's Office For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland