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THE OBJECTIVES OF TASK 25 ARE TO:

1. MONITOR GROUND WATER LEVELS AND CONTAMINANT CONCENTRATIONS IN THE ALLUVIAL AND DENVER AQUIFERS NEAR THE NORTH AND NORTHWEST BOUNDARIES
2. DEFINE MIGRATION PATHWAYS
3. PROVIDE WATER QUALITY AND HYDROLOGIC DATA FOR THE OPERATION OF THESE BOUNDARY SYSTEMS.

THIS DRAFT FINAL REPORT PRESENTS AN INTERPRETATION OF THE GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS NEAR THE BOUNDARIES AND A BRIEF DESCRIPTION OF THE SAMPLING PROGRAMS.

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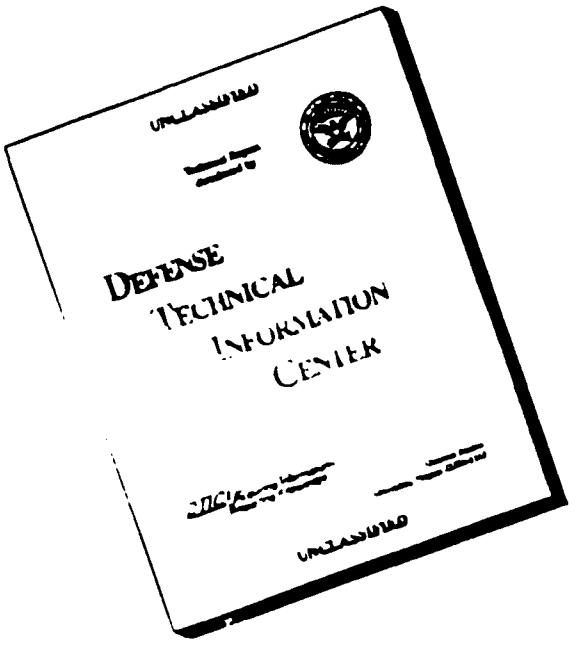
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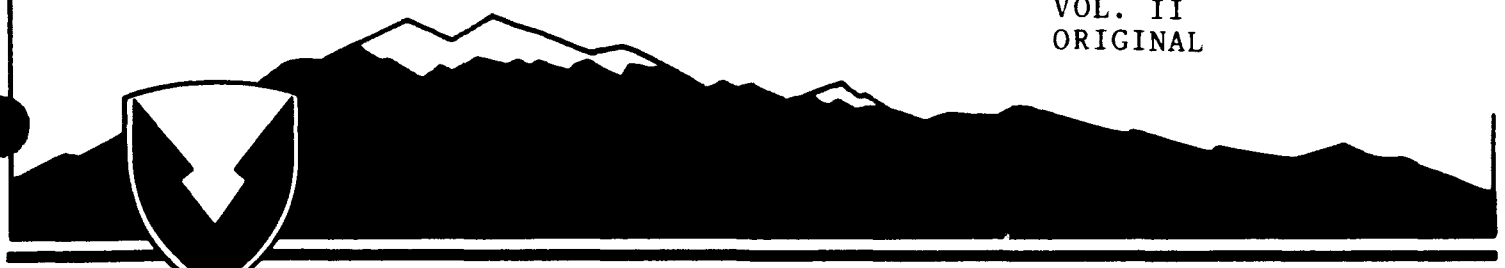
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APPENDIX A
TASK 25 SUPPORTING DATA

APPENDIX A.1
WELL DESIGNATION CRITERIA, ALLUVIAL AND DENVER AQUIFER DESIGNATIONS, ALLUVIAL WELLS CALCULATED TRANSMISSIVITY VALUES, AND ALLUVIAL WELLS MONITORED FOR WATER LEVELS FY87

APPENDIX A

WELL DESIGNATION CRITERIA

WELL_DESIGNATION_CATEGORY	CRITERIA
1	Wells with screen bottom less than 3.0 ft below bedrock where bedrock is siltstone or shale.
2	Wells with screen bottom less than 3.0 ft below bedrock where bedrock is sandstone and less than 20 percent of screen length is below bedrock contact. or Well with screen bottom between 3.1 ft and 6.0 ft below bedrock contact where bedrock is sandstone and between 50 percent screened in bedrock.
3	Wells with screen bottom less than 3.0 ft below bedrock contact where bedrock is sandstone and between 20 and 50 percent of screen length is below bedrock contact. or Wells with screen bottom between 3.1 ft and 6.0 ft below bedrock contact where bedrock is siltstone or shale and more than 50 percent of the screen is below bedrock. or Wells with the screened more than 6.0 ft below the bedrock contact where bedrock is siltstone or shale.

WELL_DESIGNATION_CATEGORY	CRITERIA
4	Wells with screen bottom less than 3.0 ft below bedrock contact where bedrock is sandstone and more than 50 percent of screen length is below bedrock contact. or Wells with screens more than 3.0 ft below the bedrock contact where bedrock is sandstone
5	Well is screened entirely within Denver Fm.

NOTE: If alluvium was consistently unsaturated at well site and well was screened within Denver Fm, well was considered as a Denver Fm well and data evaluated for inclusion into Denver Fm potentiometric maps and water chemistry maps.

Table A-1. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22005	1	T25	T25	T25	T25
22006	1	T25	T25	T44	T25
22008	1	T25	T25	T25	T25
22011	1	T25	T25	T25	T25
22015	1	T25	T25	T25	T25
22016	1	T25	T25	T25	T25
22017	1	T25	T25	T25	T25
22018	1	T25	T25	T25	T25
22019	1	T25	T25	T25	T25
22021	1	T25	*	T44	*
22033	1	T25	T25	T25	T25
22043	1	T25	T25	T25	T25
22044	1	*	*	T25	*
22049	1	*	*	T44	*
22051	1	T25	T25	T44	T25
22059	1	T25	*	T44	*
22065	1	T25	T25	T25	T25
23004	1	T25	T25	T44	T25
23007	1	T25	T25	T25	T25
23008	1	T25	T25	T25	T25
23009	1	T25	T25	T25	T25
23010	1	T25	T25	T25	T25
23011	1	T25	T25	T25	T25
23029	1	T25	T25	T44	T25
23033	1	T25	T25	T25	T25
23043	1	T25	T25	T25	T25
23047	1	T25	T25	T25	T25
23048	1	T25	T25	*	*
23049	1	T44	T44	T44	T44
23050	1	T25	T25	T25	T25
23052	1	T25	T25	T25	T25
23057	1	T25	T25	T25	T25
23058	1	T25	T25	T44	T25
23085	1	T25	T25	T25	T25
23095	1	T44	T44	T44	T44
23096	1	T25	T25	T25	T25
23102	1	T25	T25	T25	T25
23118	1	T25	T25	T25	T25
23119	1	T25	T25	T25	T25
23120	1	T25	T25	T25	T25
23123	1	T25	T25	T25	T25
23140	1	T25	T25	T25	T25
23142	1	T44	T44	T44	T44
23150	1	T25	T25	T25	T25
23151	1	T25	T25	T25	T25
23160	1	T25	T25	T25	T25
23179	1	T25	*	T44	*
23188	1	T25	*	T44	*
23191	1	T25	*	T44	*

Table A-1. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
23198	1	T25	T25	T25	T25
23205	1	T25	T25	T25	T25
23208	1	T25	T25	T25	T25
23216	1	*	*	*	T36
23217	1	*	*	*	T36
23220	1	*	*	*	T44
23223	1	*	*	*	T44
24001	1	T25	*	*	*
24002	1	T25	*	*	*
24003	1	T25	T25	T25	T25
24008	1	T25	T25	T25	T25
24013	1	T25	T25	T25	T25
24024	1	T25	T25	T25	T25
24027	1	T25	T25	T25	T25
24049	1	T25	T25	T25	T25
24092	1	T25	T25	T44	T25
24101	1	*	T25	T25	T25
24107	1	*	*	T44	*
24113	1	T25	T25	T44	T25
24115	1	T25	T25	T25	T25
24117	1	*	T25	T25	T25
24150	1	T25	*	*	*
24158	1	T25	*	T44	*
24161	1	T25	T25	T25	T25
24162	1	T25	T25	T25	T25
24163	1	T25	T25	T25	T25
24164	1	T25	T25	T25	T25
24166	1	T25	T25	T25	T25
24178	1	T25	*	*	*
24178	1	T25	*	*	*
24179	1	T25	T25	T25	T25
24180	1	T25	T25	T25	T25
24181	1	T25	T25	T25	T25
24183	1	T25	T25	T25	T25
24185	1	T25	T25	T25	T25
24186	1	T25	T25	T25	T25
24187	1	T25	T25	T25	T25
24188	1	T25	T25	T25	T25
24192	1	*	*	*	T36
24193	1	*	*	*	T36
24194	1	*	*	*	T36
24196	1	*	*	*	T44
25015	1	*	*	T44	*
25018	1	*	*	T44	*
25022	1	*	*	T44	*
25038	1	*	*	T44	*
26006	1	*	*	T44	*
26011	1	*	*	T44	*
26017	1	T44	T44	T44	T44

Table A-1. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
26020	1	T44	T44	T44	T44
26073	1	T44	T44	T44	T44
26076	1	*	*	T44	*
26083	1	*	*	T44	*
26085	1	T44	T44	T44	T44
26088	1	*	*	T44	*
27001	1	T25	T25	T25	T25
27002	1	T25	T25	T25	T25
27003	1	T25	T25	T25	T25
27004	1	T25	*	*	*
27005	1	T25	*	T44	*
27006	1	T25	*	*	*
27007	1	T25	*	*	*
27008	1	T25	*	*	*
27010	1	T25	*	*	*
27011	1	T25	*	*	*
27013	1	T25	*	*	*
27016	1	T44	T44	T44	*
27017	1	T25	*	*	*
27019	1	T25	*	*	*
27024	1	T25	T25	T25	T25
27025	1	T25	*	*	*
27026	1	*	T25	T25	T25
27027	1	T25	*	*	*
27028	1	T25	T25	T25	T25
27030	1	T25	T25	T25	T25
27031	1	T25	T25	T25	T25
27037	1	T25	*	*	*
27040	1	T25	*	T44	*
27041	1	T25	*	*	*
27042	1	T25	*	*	*
27043	1	T25	*	*	*
27044	1	T25	*	*	*
27045	1	T25	*	*	*
27051	1	*	*	T44	*
27053	1	T25	*	T44	*
27056	1	T25	*	*	*
27059	1	T25	*	*	*
27062	1	T25	*	T44	*
27063	1	T25	T25	T25	T25
27064	1	T25	T25	T25	T25
27066	1	T25	*	*	*
27068	1	T25	T25	T25	T25
27070	1	T25	*	*	*
27071	1	T25	T25	T25	T25
27072	1	T25	T25	T25	T25
27073	1	T25	T25	T25	T25
27074	1	T25	T25	T44	T25
27075	1	T25	T25	T25	T25

Table A-1.. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
27076	1	T25	T25	T25	T25
27077	1	T25	T25	T25	T25
27078	1	T25	T25	T25	T25
27082	1	T25	*	*	*
28022	1	*	*	T44	*
28023	1	T25	*	T44	*
28027	1	*	*	T44	*
30009	1	*	*	T44	*
37305	1	T44	*	*	*
37308	1	T44	T44	T44	T44
37309	1	T44	T44	T44	T44
37312	1	T44	T44	T44	T44
37320	1	T44	T44	T44	T44
37327	1	T44	T25	T25	T25
37330	1	T44	T25	T25	T25
37331	1	T44	T25	T25	T25
37332	1	T44	T44	T44	T44
37333	1	T44	T44	T44	T44
37336	1	T44	T25	T25	T25
37339	1	T44	T44	T44	T44
37342	1	T44	T44	T44	T44
37343	1	T44	T44	T44	T44
37345	1	T44	T44	T44	T44
37346	1	T44	T44	T44	T44
37347	1	T44	T44	T44	T44
37348	1	T44	T44	T44	T44
37362	1	T44	T44	T44	T44
37367	1	*	*	T39	T39
37369	1	*	*	T36	T36
37370	1	*	*	T36	T36
37373	1	*	*	T39	T39
37374	1	*	*	T39	T39
37377	1	*	*	T39	T39
37378	1	*	*	T39	T39
37381	1	*	*	T39	T39
37383	1	*	*	T39	T39
37386	1	*	*	*	T25
37391	1	*	*	T39	T39
37392	1	*	*	T39	T39

Table A-1. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22053	2	T25	T25	T25	T25
23196	2	T25	T25	T25	T25
23197	2	T25	T25	T25	T25
24094	2	T25	T25	T25	T25
24182	2	T25	T25	T25	T25
37334	2	T44	T25	T25	T25
37338	2	T44	T44	T44	T44
37351	2	T44	T44	T44	T44
37363	2	T44	T44	T44	T44

Table A-1. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
23178	3	T25	T25	T25	T25
23211	3	T25	T25	T25	T25
24106	3	T25	T25	T44	T25
24111	3	T25	T25	T44	T25
26015	3	T44	T44	T44	T44
26127	3	T44	T44	T44	T44
37313	3	T44	T44	T44	T44
37335	3	T44	T44	T44	T44
37337	3	*	T25	T25	T25
37382	3	*	*	*	T25
37389	3	*	*	T36	T36

Table A-1. Alluvial Wells Sampled by Quarter with Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
19001	4	*	*	T44	*
22060	4	T25	*	*	*
23108	4	T44	T44	T44	T44
24081	4	T25	T25	T25	T25
24112	4	*	*	T44	*
25011	4	*	*	T44	*
26133	4	*	*	T44	*

Source: ESE, 1988.

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 1U

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
25039	5	1U	*	*	T44	*

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 1

SITE ID	AQUIFER DESIG.	SAND		FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
19003	5	1		*	*	T44	*
19017	5	1		*	*	T44	*
23185	5	1	SH	T25	*	T44	*
24086	5	1		T25	T25	T44	T25
24089	5	1		*	*	T44	*
24108	5	1		T25	T25	T25	T25
24124	5	1		T25	T25	T44	T25
25009	5	1		*	*	T44	*
25014	5	1		*	*	T44	*
26019	5	1		*	*	T44	*
26041	5	1	SH	T44	T44	T44	T44
26057	5	1		*	*	T44	*
26058	5	1		*	*	T44	*
26066	5	1		*	*	T44	*
26071	5	1		*	*	T44	*
26075	5	1		*	*	T44	*
26086	5	1		*	*	T44	*
26140	5	1		*	*	T44	*

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 2

SITE ID	AQUIFER DESIG.	SAND		FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
19015	5	2		*	*	T44	*
23053	5	2	SH	*	*	T44	*
23106	5	2	SH	T25	T25	T25	T25
23177	5	2		T25	*	T44	*
23180	5	2		*	*	T44	*
23181	5	2		T25	T25	T44	T25
23182	5	2		T25	*	T44	*
23186	5	2		T25	*	T44	*
23189	5	2		T25	T25	T44	T25
23202	5	2		T25	T25	T25	T25
23203	5	2		T25	T25	T25	T25
23204	5	2		T25	T25	T25	T25
23218	5	2		*	*	T36	T36
23228	5	2		*	*	*	T36
24063	5	2	SH	T25	T25	T25	T25
24109	5	2	SH	T25	T25	T25	T25
24127	5	2		*	*	T44	*
24130	5	2	SH	*	*	T44	*
24135	5	2		T25	*	T25	T25
24167	5	2		T25	T25	T25	T25
24171	5	2		T25	T25	T25	T25
24184	5	2		T25	T25	T25	T25
24191	5	2		*	*	T36	T36
25013	5	2		*	*	T44	*
25016	5	2		*	*	T44	*
25021	5	2		*	*	T44	*
26061	5	2		*	*	T44	*
26067	5	2		*	*	T44	*
26072	5	2		*	*	T44	*
26084	5	2		*	*	T44	*
26129	5	2		*	*	T44	*
27049	5	2		T25	*	T44	*
30011	5	2		*	*	T44	*
37323	5	2		T44	T25	T25	T25
37387	5	2	+ 3	*	*	T36	T36

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 3

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22027	5	3	*	*	T44	*
23161	5	3	T25	*	T44	*
23190	5	3	T25	*	T44	*
23192	5	3	T25	*	T44	*
23200	5	3	T25	T25	T25	T25
23209	5	3	T25	T25	T44	T25
23219	5	3	*	*	T36	T36
24120	5	3	T25	T25	T44	T25
24136	5	3	T25	*	T25	T25
24168	5	3	T25	T25	T25	T25
24174	5	3	T25	T25	T25	T25
26142	5	3SH	*	*	T44	*
26147	5	3	*	*	T44	*
27057	5	3	T25	*	T44	*
37318	5	3	T44	T25	T25	T25
37371	5	3	*	*	T36	T36
37376	5	3	*	*	T36	T36
37379	5	3	*	*	T39	T39
37390	5	3	*	*	T36	T36

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 4

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22023	5	4	T25	T25	T44	T25
22028	5	4	*	*	T44	*
22030	5	4	*	*	T44	*
23183	5	4	T25	*	T44	*
23187	5	4	T25	*	T44	*
23193	5	4	*	*	T44	*
23201	5	4	T25	T25	T25	T25
24137	5	4	T25	*	T25	T25
24159	5	4	T25	*	T44	*
24175	5	4	T25	T25	T25	T25
27054	5	4	T25	*	T44	*
27058	5	4	T25	*	*	*
28028	5	4	*	*	T44	*
37317	5	4	T44	T25	T25	T25
37321	5	4	T44	T25	T25	T25
37365	5	4	T44	*	*	T44
37372	5	4	*	*	T36	T36
37380	5	4	*	*	T39	T39
37388	5	4	*	*	T36	T36

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 5

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22024	5	5	T25	*	T44	*
22031	5	5	T25	T25	T44	T25
23184	5	5	T25	T25	T44	T25
24172	5	5	T25	T25	T25	T25
27055	5	5	T25	*	T44	*
28025	5	5	T25	*	*	*
37316	5	5	T44	T25	T25	T25
37322	5	5	T44	T25	T25	T25

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 6

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
28026	5	6	T25	*	T44	*
37319	5	6	T44	T25	T25	T25

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = MISCELLANEOUS

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
23221	5		*	*	*	T44
23222	5		*	*	*	T44
23224	5		*	*	*	T44
23225	5		*	*	*	T44
23226	5	NBW1A	*	*	*	T36
23227	5	NBW1A	*	*	*	T36
24197	5		*	*	*	T44
24198	5		*	*	*	T44
25017	5	VCE	*	*	T44	*
25023	5	AS	*	*	T44	*

Table A-3.
APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
22004	2380.000
22005	10500.000
22006	8700.000
22007	1500.000
22008	33542.680
22010	22525.056
22011	10200.000
22012	17.500
22014	DRY
22015	24000.000
22016	15000.000
22017	29400.000
22018	13500.000
22020	205100.000
22025	DRY
22029	DRY
22045	32850.090
22049	2720.000
22051	2700.000
22052	27.500
22053	6105.000
22056	34500.000
23002	0.056
23003	2550.000
23004	11250.000
23006	8000.000
23007	6400.000
23008	3520.000
23009	8850.000
23010	0.136
23011	7950.000
23012	6800.000
23013	20700.000
23014	22500.000
23015	29700.000
23016	33900.000
23029	21300.000
23030	19800.000
23033	7990.000
23035	DRY
23036	11700.000
23038	DRY
23039	0.032
23040	0.188
23043	10880.000
23044	17400.000
23045	2040.000
23046	2700.000
23047	12070.000
23048	0.112

Table A-3.
APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
23050	19200.000
23051	5550.000
23052	53400.000
23057	21689.200
23058	5400.000
23063	DRY
23065	DRY
23066	DRY
23067	11378.400
23072	30900.000
23079	20401.600
23084	21600.000
23085	18300.000
23092	4800.000
23094	15000.000
23095	48097.400
23096	21900.000
23101	18300.000
23102	22500.000
23106	22500.000
23108	23100.000
23109	DRY
23110	5100.000
23111	8100.000
23118	9347.800
23119	5104.000
23120	16029.100
23121	21600.000
23122	11049.200
23123	20400.000
23124	0.142
23128	DRY
23129	DRY
23130	DRY
23131	DRY
23132	DRY
23134	61800.000
23135	5100.000
23136	DRY
23137	DRY
23145	9010.000
23146	8510.000
23148	DRY
23149	DRY
23150	6900.000
23151	5400.000
23157	12900.000
23160	19040.000
23191	7350.000
24001	44770.000
24002	7500.000

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
24003	15563.600
24004	256.200
24006	DRY
24007	28671.300
24008	71700.000
24009	19800.000
24010	0.136
24011	DRY
24013	18700.000
24025	17680.000
24027	8700.000
24043	14998.800
24045	10798.500
24046	6290.000
24048	21760.000
24049	35109.500
24053	24440.000
24055	102564.000
24056	21600.000
24057	24300.000
24058	24300.000
24062	22443.400
24064	22802.800
24065	29318.100
24081	18000.150
24085	17131.500
24088	13809.300
24092	35154.200
24093	51595.500
24094	37800.000
24095	17702.500
24096	123.200
24097	34942.800
24098	51979.200
24099	40203.400
24100	32717.500
24101	22950.000
24102	36603.000
24103	39145.700
24104	12911.600
24105	0.258
24106	11050.000
24107	9731.100
24110	DRY
24111	9000.000
24112	550.000
24113	51753.000
24114	47192.500
24115	27268.800
24117	7599.900
24121	4800.000

Table A-3.
APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
24122	2100.000
24128	16660.000
24129	18150.000
24158	31443.000
24177	DRY
25001	2542.800
25002	DRY
25003	8100.000
25011	99.960
25015	8400.000
25018	18580.100
25030	DRY
25035	DRY
25038	16902.600
26001	DRY
26002	35.000
26004	DRY
26005	1800.000
26006	3915.100
26009	10500.000
26010	1650.000
26011	1800.000
26015	4800.000
26016	3300.000
26017	10500.000
26018	9000.000
26020	7800.000
26044	70000.000
26046	2400.000
26048	18900.000
26049	14400.000
26050	15000.000
26062	9000.000
26065	DRY
26070	DRY
26073	9600.000
26078	DRY
26081	11700.000
26083	6600.000
26085	3740.000
26088	0.098
26093	0.060
26127	9000.000
26143	4500.000
26145	DRY
27002	46200.000
27003	42300.000
27004	30900.000
27005	23402.400
27006	18300.100
27007	34500.000

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
27008	36000.000
27009	48600.000
27010	63908.600
27011	60900.000
27012	DRY
27013	DRY
27015	DRY
27016	20100.000
27017	5400.000
27018	6000.000
27019	DRY
27024	18000.000
27025	8700.000
27026	7200.000
27028	DRY
27030	21630.600
27031	12000.000
27032	DRY
27034	DRY
27037	18014.400
27040	9000.000
27041	3900.000
27042	25209.600
27043	51300.000
27044	25670.000
27045	78000.000
27050	DRY
27051	22650.000
27053	22200.000
27056	DRY
27059	DRY
27062	15465.600
27063	18885.600
27064	60036.600
27066	68191.200
27068	35292.400
27070	30979.500
27071	33309.100
27072	36244.100
27073	15297.800
27074	21216.800
27075	23884.000
27076	43294.500
27079	4930.000
27080	13200.000
27081	4250.000
27082	77.500
27083	3568.500

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 1

SITE_ID	AQUIFER DESIG.
19004	1
19008	1
19014	1
22003	1
22004	1
22007	1
22010	1
22012	1
22014	1
22020	1
22022	1
22025	1
22026	1
22029	1
22034	1
22035	1
22036	1
22038	1
22040	1
22042	1
22045	1
22052	1
22054	1
22056	1
22057	1
22061	1
22061	1
22062	1
22063	1
22064	1
22066	1
22067	1
22068	1
22069	1
22070	1
22071	1
22072	1
22074	1
22076	1
23002	1
23003	1
23006	1
23012	1
23013	1
23014	1
23015	1
23016	1
23025	1
23026	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 1

SITE_ID	AQUIFER DESIG.
23030	1
23034	1
23035	1
23036	1
23037	1
23038	1
23039	1
23040	1
23044	1
23045	1
23046	1
23051	1
23059	1
23063	1
23064	1
23065	1
23066	1
23067	1
23070	1
23072	1
23079	1
23084	1
23092	1
23094	1
23097	1
23099	1
23101	1
23107	1
23109	1
23110	1
23111	1
23121	1
23122	1
23124	1
23128	1
23129	1
23131	1
23132	1
23134	1
23135	1
23136	1
23137	1
23141	1
23145	1
23146	1
23146	1
23148	1
23149	1
23157	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 1

SITE_ID	AQUIFER DESIG.
23166	1
23207	1
23212	1
23213	1
23214	1
23215	1
24004	1
24006	1
24007	1
24009	1
24010	1
24011	1
24014	1
24015	1
24016	1
24017	1
24018	1
24019	1
24020	1
24021	1
24022	1
24023	1
24025	1
24043	1
24045	1
24046	1
24048	1
24050	1
24051	1
24052	1
24053	1
24055	1
24056	1
24057	1
24058	1
24062	1
24064	1
24065	1
24088	1
24095	1
24098	1
24102	1
24103	1
24105	1
24110	1
24114	1
24121	1
24129	1
24149	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 1

SITE_ID	AQUIFER DESIG.
24169	1
24170	1
24176	1
24176	1
24177	1
24177	1
24195	1
25001	1
25002	1
25003	1
25030	1
26001	1
26004	1
26005	1
26009	1
26016	1
26018	1
26040	1
26046	1
26048	1
26049	1
26050	1
26062	1
26065	1
26070	1
26078	1
26081	1
26093	1
26126	1
26143	1
26145	1
27009	1
27012	1
27015	1
27018	1
27032	1
27034	1
27050	1
27079	1
27080	1
27081	1
28002	1
28003	1
28004	1
28005	1
28006	1
28007	1
28008	1
28009	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 1

SITE_ID	AQUIFER DESIG.
28011	1
28012	1
28013	1
28014	1
28015	1
28018	1
28020	1
28024	1
28030	1
28503	1
28513	1
30003	1
37306	1
37307	1
37310	1
37311	1
37385	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 2

SITE_ID	AQUIFER DESIG.
19009	2
19010	2
22050	2
23143	2
24099	2
24104	2
24151	2
26002	2
26010	2
26044	2
26068	2
27083	2

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 3

SITE_ID	AQUIFER DESIG.
23130	3
24093	3
24096	3
24100	3
24122	3
24165	3
25035	3
26091	3

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 4

SITE_ID	AQUIFER DESIG.
24085	4
24123	4
24128	4
26124	4
30002	4

Table A-4. DENVER WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 5

SITE_ID	AQUIFER DESIG.
19002	5
19005	5
19006	5
19007	5
19011	5
19016	5
19018	5
19019	5
22002	5
23054	5
23055	5
23056	5
23061	5
23062	5
23125	5
23144	5
23162	5
23176	5
23199	5
23210	5
23340	5
24080	5
24082	5
24083	5
24087	5
24090	5
24125	5
24126	5
25004	5
25007	5
25008	5
25010	5
25012	5
25019	5
25020	5
25024	5
25025	5
25026	5
25028	5
25029	5
25031	5
25032	5
25033	5
25034	5
25036	5
25037	5
25040	5

Table A-4. DENVER WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 5

SITE_ID	AQUIFER DESIG.
26022	5
26023	5
26024	5
26025	5
26026	5
26027	5
26028	5
26029	5
26043	5
26047	5
26051	5
26052	5
26053	5
26054	5
26055	5
26056	5
26060	5
26063	5
26064	5
26069	5
26074	5
26077	5
26079	5
26080	5
26082	5
26089	5
26090	5
26092	5
26094	5
26096	5
26097	5
26098	5
26123	5
26128	5
26130	5
26134	5
26135	5
26136	5
26141	5
26144	5
26146	5
27022	5
27060	5
27061	5
28029	5
29002	5
29003	5
30004	5

Table A-4. DENVER WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DEGIGNATION = 5

SITE_ID	AQUIFER DESIG.
30005	5
30006	5
30007	5
30008	5
30010	5

APPENDIX A-2
WELL SITING RATIONALE

ALLUVIAL WELLS

ALLUVIAL WELLS

Site E-38, Well 37374

Location: Site E-38 is located approximately 800 ft north of the south section line and 900 ft east of the west section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: A borehole was drilled to a total depth of 26.5 ft where silty claystone bedrock was encountered at 26.0 ft. During drilling, the water table was estimated to be at 10 ft below ground surface. Well 37374 was screened across the entire saturated thickness in predominantely silty sand material.

Siting Rational: This installation is a cluster site which is being utilized to examine the potential for flow between the alluvium and Denver Fm aquifers and water chemistry within both aquifers. The alluvial well was installed to assess water quality and water levels in the southwest corner of Section 14. In this area, the alluvial aquifer appears to be separated from the main alluvial pathway along First Creek by a zone of unsaturated alluvium. This well is downgradient of the western portion of the NBCS and is being used to depict the water chemistry and hydrogeology along this flow pathway.

Site E-39

Location: Site E-39 is located approximately 880 ft north of the south section line and 2630 ft east of the west section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to 20.0 ft and the bedrock contact was called at 18 ft. The alluvium, which consists mostly of silty sands and clayey sands was unsaturated at this site and therefore no alluvial well was completed. The water table was encountered in the sandy claystone bedrock and was estimated to be at 19 ft below ground surface.

Siting Rationale: This alluvial well was to be part of a cluster site. However, unsaturated alluvium was encountered. Therefore, geologic data was obtained from continuous logging and the hole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan. Data obtained from this site helps to delineate the bedrock surface and a zone of unsaturated alluvium in the southern portion of Section 14.

Site E-40, Well 37370

Location: Site E-40 is located approximately 1280 ft north of the south section line and 1875 ft west of the east section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site encountered water at 9 ft and the bedrock contact was estimated at 26 ft. Well 37370 was screened across the water table to the bedrock contact. The bedrock encountered at the bottom of the boring is a dark brown weathered claystone.

Siting Rationale: The alluvial well at this site is part of a cluster installation being used to assess water chemistry and the potential for vertical flow between the alluvium and Denver Fm aquifers. The alluvial well at this site was installed to further define the hydrogeology and water chemistry along the First Creek paleochannel which has historically shown significant contaminant concentrations.

Site E-42, Well 37369

Location: Site E-42 is located approximately 750 ft north of the south section line and 440 ft west of the east section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: A borehole was drilled to an approximate depth of 26 ft where claystone bedrock was encountered. During drilling the water table was estimated to be 5 ft below ground surface. Well 37369 is screened across the water table to the bedrock contact in well graded gravelly sands.

Siting Rationale: This alluvial well was installed to fill a data gap in the monitoring network just downgradient of the NBCS. This site is fundamental to the monitoring program because it depicts the hydrogeology and water chemistry along the First Creek paleochannel just west of Peoria Street where there are currently no alluvial monitoring sites. This area is suspected of significant alluvial ground water contamination because of high concentrations upgradient along the paleochannel.

Site E-44, Well 37373

Location: Site E-44 is located approximately 1950 ft north of the south section line and 1780 ft west of the east section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: The borehole at the site of Well 37373 was drilled to a total depth of 26 ft. Weathered claystone bedrock was encountered at 25.0 ft. Depth to water was estimated to be at 3.5 ft below ground surface during drilling. Alluvial borings were also drilled for Wells 37398 and 37399. At Well 37398, the boring was drilled to a total depth of 25.0 ft and weathered claystone bedrock was encountered at 23.7 ft. Depth to water was estimated at 2.2 ft below grounds surface during drilling. At Well 37399, the boring was drilled to a total depth of 24.0 ft and silty sandstone bedrock was encountered at 22.8 ft. Depth to water was estimated to be at 2.4 ft below ground surface during drilling. All three wells are screened across the

entire saturated alluvial thickness in coarse, well graded sands with occasional gravels to the bedrock contact.

Siting Rationale: Well 37373 was installed to fill a data gap in the monitoring network downgradient of the NBCS and along the First Creek paleochannel. This well is just downgradient of a surface water impoundment which intercepts First Creek flows in the eastern portion of Section 14. This well has been used to delineate ground water flow patterns and water chemistry along the paleochannel feature and to assess the influence of the impoundment on local water chemistry and hydrology. Wells 37398 and 37399 were installed approximately 40 and 80 ft northwest of Well 37373, respectively, as observation wells for a pumping test conducted at this site. The test was performed at this site to estimate the aquifer parameters for the First Creek Paleochannel.

Site E-46, Well 37377

Location: Site E-46 is located approximately 2620 ft north of the south section line and 1320 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole was drilled to an approximate depth of 42.8 ft. Sandstone was encountered at the bedrock contact of approximately 39.5 ft. Depth to water was estimated to be at 27.8 ft during drilling. Well 37377 is screened across the entire saturated thickness of the alluvium in well graded coarse grained sands.

Site Rationale: This alluvial well was installed to assess the hydrogeology and water chemistry along a suspected alluvial contaminant pathway in the western portion of Section 13. This well has been used in conjunction with other newly installed wells to delineate contaminant concentrations and ground water flow patterns downgradient of the NBCS and upgradient of the "Boller" well which has shown significant contamination historically.

Site E-47, Well 37378

Location: Site E-47 is located approximately 2620 ft north of the south section line and 2100 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to a total depth of 36 ft. Saturated alluvium was encountered at 28 ft and the bedrock contact was called at 35 ft. The bedrock encountered at the bottom of the boring was a weathered silty claystone. Well 37378 is completed across the entire saturated thickness in predominantly silty sands.

Siting Rationale: This alluvial well was installed to assess the hydrogeology and water chemistry along the edge of a suspected alluvial

contaminant pathway through the middle portion of Section 13. This well has been used to delineate contaminant concentrations and ground water flow patterns downgradient of the NBCS and upgradient of the "Boller" well.

Site E-63, Well 37389

Location: Site E-63 is located approximately 600 ft north of the south section line and 900 ft east of the west section line in Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to 36 ft. The drill site geologist identified the bedrock contact at the site at approximately 35 ft. Further evaluation of the bore log and existing bedrock surface maps indicate that this bedrock call was incorrect. It is believed that the correct bedrock call is several ft above the total depth of the boring at approximately 23.5 ft below ground surface. The sandstone and siltstone encountered at the bedrock contact were highly weathered which led the drill site geologist to the conclusion that he was still drilling in the alluvium. The well at this site was completed across several ft of this weathered bedrock. This upper bedrock material is believed to be in hydrologic contact with the alluvium and thus the entire screened interval should produce water indicative of the alluvium.

Siting Rationale: This installation is a cluster site which is being utilized to examine the potential for flow between the alluvium and Denver Fm aquifers and water chemistry within both aquifers. The alluvial well was installed to assess water quality and water levels in the southwestern quadrant of Section 13. This site is directly downgradient of major contaminant plumes (i.e., DBCP and chloroform) which have been documented onpost. Water chemistry data from this well will be critical in defining a suspected alluvial contaminant plume through the western portion of Section 13 and toward the "Boller" well.

Site E-65, Well 37381

Location: Site E-65 is located approximately 1810 ft north of the south section line and 2630 ft east of the west section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: A pilot borehole was drilled to an approximate total depth of 29 ft where a Denver Fm sandstone was encountered. During drilling the water table was estimated to be at 5 ft below ground surface. Well 37381 is completed in poorly graded sands.

Siting Rationale: The alluvial well at this site was installed to further depict the hydrogeology and water chemistry along the First Creek paleochannel. This well was needed to fill a data gap in the

alluvial network south of First Creek and upgradient of existing Well 37313 which has historically shown significant contaminant concentrations.

Site E-73, Well 37391

Location: Site E-73 is located approximately 2600 ft north of the south section line and 710 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to a total depth of 49 ft. Sample recovery below 28 ft was extremely difficult due to poorly graded sands and silty gravels flowing out of the sampler during removal. Bedrock was called at 40 ft based on the increase in torque required by the drill rig. A bentonite plug was placed from 49 ft to 41 ft and the well was completed above this interval.

Siting Rationale: This alluvial well was installed to assess the hydrogeology and water chemistry along a suspected alluvial contaminant pathway in the western portions of Section 13. This well has been used along with other newly installed wells in the area to delineate contaminant concentrations and ground water flow patterns downgradient of the NBCS and upgradient of the "Boller " well.

Site E-74, Well #37391

Location: Site E-74 is located approximately 2600 ft north of the south section line and 1875 ft east of the west section line in Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at the site was drilled to a total depth of approximately 29 ft. Bedrock was encountered at this location at 28.0 ft and consisted of predominantly claystone. Well 37391 is completed across the entire saturated alluvium in poorly graded sands.

Siting Rationale: This alluvial well was installed at this site to assess the water chemistry and hydrogeology along a suspected alluvial contaminant pathway in the middle portion of Section 13. This site is downgradient of the NBCS in an area where no alluvial monitoring wells existed previously.

EP-04, Well 23231

Location: Site EP-04 is located approximately 1650 ft south of the north section line and 100 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to a total depth of 26.4 ft. Claystone bedrock was encountered

at 26.0 ft below ground surface. During drilling the water table was estimated at 20.0 ft below ground surface. Based on the alluvial log for Well 23160, Well 23231 is screened predominantly in poorly graded sands and gravels across the entire saturated alluvium.

Siting Rationale: This alluvial well has been installed to obtain hydrologic and water chemistry data near the center of the major contaminant plumes upgradient of the NBCS. This well was installed to replace existing Well 23160 which did not fully screen the saturated alluvium at the site. Well 23231 will provide a more reliable means of monitoring hydrologic and water chemistry trends in this high contamination area.

Site EP-11, Well 24199

Location: Site EP-11 is located approximately 1500 ft south of the north section line and 1840 ft east of the west section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 29.5 ft below ground surface. Claystone bedrock was encountered at 28.0 ft below ground surface. The water table depth was estimated at 12.0 ft during drilling. Well 24199 screens the entire saturated alluvium, and based upon the alluvial log for Well 24115, is screened mostly in poorly graded sands with some gravels.

Siting Rationale: This well was installed to provide hydrologic and water chemistry data upgradient of the NBCS. This well will replace Well 24115 which does not screen the entire saturated alluvium. This well is critical to defining the limit of the major contaminant plumes approaching the NBCS.

Site EP-13, Well 24200

Location: Site EP-13 is located approximately 2010 ft south of the north section line and 1110 ft east of the west section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 42.0 ft below ground surface. Claystone bedrock was encountered at 42 ft and the water table depth was estimated at 25 ft below ground surface during drilling. Well 24200 screens the entire saturated alluvium and based upon the alluvial bog for Well 24113 is screened predominantly in poorly graded sands and gravels.

Siting Rationale: This well was installed to provide hydrologic and water chemistry data upgradient of the NBCS. This well is essential to characterize the nature and extent of contaminant plumes approaching the NBCS. This well is a replacement for Well 24113 which does screen the entire saturated alluvium.

Site EP-14, Well 24201

Location: Site EP-14 is located approximately 2210 ft south of the north section line and 375 east of the west section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 46.98 ft below ground surface. Claystone bedrock was encountered at 45 ft. The water table depth was estimated at 21.5 ft below ground surface during drilling. Well 24201 screens the entire saturated alluvium and based upon the alluvial log for Well 24008 is screened predominantly in poorly silty sands and gravels.

Siting Rationale: This well was installed to provide hydrologic and water chemistry data upgradient of the NBCS. This well is necessary to help characterize the major contaminant plumes approaching the NBCS. This well is a replacement for Well 24008 which does not screen the entire saturated thickness.

Site EP-23, Well 23232

Location: Site EP-23 is located approximately 1700 ft south of the north section line and 750 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 23.55 ft below ground surface. claystone bedrock was encountered at 23 ft. The water table depth was estimated at 17 ft below ground surface during drilling. Well 23232 screens the entire saturated alluvium in predominately poorly graded fine to coarse sand and clayey sand.

Siting Rationale: The well at this site has been installed to fill a data gap in the network upgradient from the pilot system portion of the NBCS. All existing alluvial wells within 500 ft of this site are of undocumented construction and this well provides a reliable monitoring site for hydrologic and water chemistry data.

Site EP-72

Location: Site EP-72 is located approximately 1270 ft south of the north section line and 1880 ft east of the west section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 13.3 ft below ground surface and the bedrock contact was called at 10.5 ft. The alluvium, which consists mostly of sandy clay was unsaturated at this site and therefore no alluvial well was completed. No water table was encountered in the claystone bedrock.

Siting Rationale: The alluvial well was to be a part of a cluster site. However, the alluvium was unsaturated throughout its thickness at the site. Geologic data was obtained and the hole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan. Data obtained from this site helps to delineate the bedrock surface and a zone of unsaturated alluvium in the northwest corner of Section 23 just west of the NBCS.

Site EP-75, Well 23223

Location: Site EP-75 is located approximately 2600 ft south of the north section line and 450 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to 32.0 ft below ground surface, and the weathered claystone bedrock was encountered at approximately 30 ft below ground surface. During drilling the depth to water was estimated to be at 23 ft below ground surface. Well 23223 is screened across the entire saturated alluvial thickness predominantly in silty sands and poorly graded sands with gravels.

Siting Rationale: The alluvial well at this site is clustered with two Denver Fm wells to examine the potential for vertical flow between aquifers and the water chemistry within each aquifer. The alluvial well was installed to assess water chemistry and water levels upgradient of the pilot portion of the NBCS. This site is important to further characterize and define the primary plumes approaching the NBCS in this area.

Site P-3, Well 23212

Location: Site P-3 is located approximately 525 ft south of the north section line and 310 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 18.0 ft below ground surface. The bedrock contact was estimated at a depth of 18.0 ft based upon auger refusal. Depth to water was estimated at 12.5 ft in the augers prior to the well being completed. Well 23212 is screened across the entire saturated alluvium.

Siting Rationale: This alluvial well was installed to measure water levels on the upgradient side of the pilot portion of the soil-bentonite barrier. This well was installed in conjunction with downgradient Well 23217 to assess head differences across the barrier.

Site P-5, Well 23213

Location: Site P-5 is located approximately 525 ft south of the north

section line and 890 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 20.0 ft below ground surface. The bedrock contact was estimated at a depth of 20.0 ft based on auger refusal. Depth to water in the augers was estimated to be at 9 ft prior to well completion. Well 23213 is screened across the entire saturated alluvium.

Siting Rationale: This alluvial well was installed to measure water levels on the upgradient side of the pilot portion of the soil bentonite barrier. This well was installed in conjunction with downgradient Well 23216 to assess the head differences across the barrier.

Site P-7, Well 23214

Location: Site P-7 is located approximately 610 ft south of the north section line and 1610 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 20.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 10.6 ft in the augers prior to well completion. Well 23214 is screened approximately 1 ft above the water table to approximately 20 ft.

Siting Rationale: This alluvial well was installed to measure water levels on the upgradient side of the western extension portion of the soil-bentonite barrier. This well was installed in conjunction with downgradient Well 23215 to assess the head differences across the barrier at this location.

Site P-8, Well 23215

Location: Site P-8 is located approximately 575 ft south of the north section line and 1620 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 20 ft below ground surface. Bedrock was not encountered at this depth. The depth to water was estimated at 15.8 ft below ground surface prior to well construction. Well 23215 is screened approximately 8 ft above the water table to approximately 18.5 ft.

Siting Rationale: This alluvial well was installed to measure water levels on the downgradient side of the western extension portion of the

soil-bentonite barrier. This well was installed in conjunction with upgradient Well 23214 to assess head differences across the barrier and water table configuration at this location.

Site P-10, Well 23216

Location: Site P-10 is located approximately 485 ft south of the north section line and 890 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 18.5 ft below ground surface. The bedrock contact was estimated at 18 ft by the drill site geologist in the field. Depth to water was estimated at 17 ft during drilling. Well 23216 is screened across the entire saturated alluvium.

Siting Rationale: This alluvial well was installed to measure water levels on the downgradient side of the pilot portion of the soil-bentonite barrier. It was installed in conjunction with upgradient Well 23213 to assess head differences across the barrier and water table configuration in this area.

Site P-12, Well 23217

Location: Site P-12 is located approximately 480 ft south of the north section line and 310 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 21 ft below ground surface. The bedrock contact was estimated at 21 ft based on auger refusal. Depth to water was estimated at 16 ft at the time the well was being completed. Well 23217 is screened across the entire saturated alluvium.

Siting Rationale: This well was installed to measure water levels downgradient of the pilot portion of the soil-bentonite barrier. It was installed to examine the head difference across the barrier and water table configuration in this area. This well is paired with upgradient Well 23212.

Site P-14, 24192

Location: Site P-14 is located approximately 480 ft south of the north section line and 225 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 23.0 ft below ground surface. The bedrock contact was estimated at 21 ft by the drill site geologist.

Depth to water was estimated at 19.4 ft at the time the well was being completed. Well 24192 is screened across the entire saturated alluvium.

Siting Rationale: This well was installed to measure water levels downgradient of the western end of the eastern extension portion of the soil-bentonite barrier. This well is paired with existing upgradient Well 24177 to assess head differences across the barrier and the water table configuration in this area.

Site P-16, Well 24193

Location: Site P-16 is located approximately 480 ft south of the north section line and 775 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 18.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 11.1 ft in the augers at the time the well was being completed. Well 24193 is screened across the water table to approximately 18.0 ft.

Siting Rationale: This well was installed to measure water-levels downgradient of the eastern extension portion of the soil-bentonite barrier. This well is paired with existing Well 24178 to assess head differences across the barrier and the water table configuration in this area.

Site P-17, Well 24194

Location: Site P-17 is located approximately 480 ft south of the north section line and 1280 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 16.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 5 ft during drilling. Well 24194 is screened across the water table to approximately 16 ft.

Siting Rationale: This well was installed to measure water-levels downgradient of the eastern extension portion of the soil-bentonite barrier and upgradient of the North Bog. This well is paired with existing Well 24179 to examine head differences across the barrier and the water table configuration in this area.

Site P-18, Well 24195

Location: Site P-18 is located approximately 480 ft south of the north section line and 1900 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 14.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 4.9 ft in the augers prior to well completion. Well 24195 is screened across the water table to approximately 14 ft.

Siting Rationale: This well was installed to measure water-levels downgradient side of the eastern extension portion of the soil-bentonite barrier. This well is paired with existing Wells 24180 and 24181 to examine head differences across the barrier and the water table configuration in this area.

DENVER WELLS

DENVER WELL SITES

Site E-32, Pilot Corehole, Well 23218 D2, Well 23219 D3

Location: Site E-32 is located approximately 125 ft south of the north section line and 60 ft west of the east section line of Section 23 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 129.5 ft and four Denver sandstone units were encountered. A 10-ft claystone aquitard separates the alluvium from the first Denver Fm sandstone. The first sandstone was inferred from a small interval of no recovery. Upon evaluation of other geologic data it was decided that wells in this hydrologic unit were more appropriate at EP-20 and EP-21. Upon review of the pilot corehole data Well 23218 was completed in the second saturated Denver Fm sandstone and well 23219 was completed in the third saturated Denver Fm sandstone. A well may need to be completed in the lowermost sandstone based on the chemical results of the wells installed at this site.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretative work in the Denver Fm and well installations at this site. Wells 23218 and 23219 were installed to provide hydrologic and water quality data to assess whether the second and third Denver Fm sandstone units are acting as contaminant migration pathways beneath the NBCS. Site E-32 is also located directly downgradient of Denver dewatering well 23342 which is suspected of being poorly completed and may provide a mechanism for cross contamination between aquifers.

Site E-33, Pilot Corehole, Well 24191 D2

Location: Site E-33 is approximately 130 ft south of the north section line and 815 ft east of the west section line of Section 24 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 90 ft and four Denver Fm sandstone units were encountered. A 7-ft claystone aquitard separates the alluvium from the first Denver Fm sandstone. The first sandstone is cut off by the soil-bentonite barrier at this location, therefore a well was not completed in this hydrologic unit. Well 24191 was completed in the second saturated sandstone. HIstorical chemistry data has shown the lower units to the east of "D" street to be "clean". However, if the chemical data on well 24191 shows this hydrologic unit to be contaminated then wells will need to be installed in the deeper sandstones to assess the vertical extent of contaminations.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and a well completion. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Well 24191 is located downgradient of the NBCS to provide hydrologic and water quality data in the second Denver Fm sandstone unit. There are currently no functional Denver wells in this area. This well will be used to fill in this data gap and to assess whether this Denver Fm unit is acting as a contaminant migration pathway beneath the NBCS.

Site E-34, Pilot Corehole, Well #37376 D1

Location: Site E-34 is located approximately 50 ft north of the south section line and 2575 ft east of the west section line of Section 13 (T2SR67W).

Completion Data and Site Conditions: Two Denver Fm sandstone units were encountered during drilling of the 55 ft pilot corehole. A 10 ft claystone aquitard separates the alluvium from the first sandstone unit. The two saturated sandstones are separated by only a 2-ft fractured lignitic claystone, therefore they are assumed to be hydrologically connected and Well 37376 is completed in both sandstones.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and a well completion. Well 37376 was installed to obtain hydrologic and water quality data in the first and second Denver Fm sandstone units downgradient of the NBCS. There are currently no first or second Denver sandstone water quality wells in service in this area. Water quality data is needed here to assess if these Denver Fm units are acting as contamination pathways beneath the NBCS.

Site E-38, Pilot Corehole, Well 37379 D1, Well 37380 D2

Location: Site E-38 is located approximately 850 ft north of the south section line and 900 ft east of the west section line of Section 14 (T3S, R67W).

Completion Data and Site Conditions: The 130 ft pilot corehole was drilled and four Denver Fm sandstone units were encountered. The alluvium is separated form the first sandstone by a 13.5-ft claystone aquitard and a 7-ft silty claystone interval. Upon review of the corehole data Well 37379 was completed in the first saturated sandstone and Well 37380 was completed in the second saturated sandstone. Wells may need to be completed in the deeper sandstones if the chemical analyses on Well 37380 show it to be contaminated.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this

site. Wells 37379 and 37380 were installed to provide hydrologic and water quality data for the first and second Denver Fm sandstone units northwest of the NBCS. This well cluster will fill a large data gap that exists in the southwest corner of Section 14.

Site E-39, Pilot Corehole, Well 37387 D1, Well 37388 D2

Location: Site E-39 is located approximately 900 ft north of the south section line and 2620 ft west of the east section line of Section 14 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 130 ft and six Denver Fm sandstone units were encountered. The bedrock lithology is a claystone and this creates the 9-ft thick aquitard between the alluvium and the first Denver sandstone unit. Review of the pilot corehole data showed that this site is located on a bedrock high and the first sandstone unit is not correlated to sandstones in surrounding wells. Therefore, it is not likely that this hydrologic unit is contaminated and a well was not completed in this interval. Well 37387 was completed in the second saturated sandstone and Well 37388 was completed in the fourth saturated sandstone which correlated with the previously installed Denver wells.

Siting Rationale: The pilot corehole at this site was drilled to provide important geologic data for cross sections that will aid in the assessment of the lateral and northerly extent of the Denver Fm sandstone units and for the completion of Wells 37387 and 37388. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. There are presently no first or second Denver Fm sandstone wells in this area and monitoring wells in these sandstone units are required to assess the water quality of the Denver Fm sandstones downgradient of the barrier at this location.

Site E-40, Pilot Corehole, Well 37371 D1, Well 37372 D2

Location: Site E-40 is located approximately 1300 ft north of the south section line and 1880 ft west of the east section line of Section 14 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to an approximate total depth of 96.5 ft and three sandstones were encountered. A 4-ft clayey siltstone separates the alluvium from the first Denver sandstone and therefore it appears that this first sandstone is 2-ft hydrologically connected with the alluvium. Well 37371 is screened entirely within the first saturated sandstone. The lower sandstones are interbedded with siltstone and claystone and the pilot corehole log showed no substantial confining claystone layer between the sandstones. Therefore, the sandstones were assumed to be hydrologically connected and Well 37372 screens them as one unit.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data downgradient of the NBCS for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. The Denver Fm wells are a part of a cluster site being used to assess the potential for vertical flow between the alluvium and Denver Fm aquifers. In addition, the first and second Denver sandstone wells are being used to assess whether these units are acting as contaminant migration pathways which bypass the NBCS.

Site E-46, Pilot Corehole

Location: Site E-46 is located approximately 2620 ft north of the south section line and 1320 ft east of the west section line of Section 13 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 114 ft below ground surface. Four sandstone units were encountered within the Denver Fm. There is a 1-ft sandstone layer subcropping at the alluvial/bedrock contact. The lower sandstone units in this borehole are between 6 and 12 ft thick. Depending on upgradient Denver water chemistry, wells may need to be installed within these sandstone units in the future. The borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole was drilled to provide geologic data that could be used to correlate sandstone units with those found at the north boundary of RMA. Also, this geologic information will be used to install wells at this site if it is determined that it is necessary based on upgradient Denver Fm water chemistry.

Site E-63, Pilot Corehole, Well #37390 D2

Location: Site E-63 is located approximately 625 ft north of the south line and 850 ft east of the west section line of Section 13 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 63 ft and three Denver Fm sandy zones were encountered. A 2.5-ft layer of clayey siltstone separates the first saturated sandstone zone of the Denver Fm from the alluvium. It therefore appears that this first silty sandstone zone is hydrologically connected to the alluvium. Well 37389 was screened across the alluvial/Denver Fm contact to monitor this hydrologically connected interval. Well 37390 is screened entirely within the second saturated sandstone. The third sand zone is comprised of 3 ft of siltstone and 1 ft of sandstone. It is therefore felt that this zone does not represent a primary pathway for contaminant migration and a well was not completed here.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data downgradient of the NBCS for cross sections and

well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. The Denver Fm wells are a part of a cluster site being used to assess the potential for vertical flow between the alluvium and Denver Fm aquifers. In addition, the first and second Denver sandstone wells are being used to assess whether this unit is acting as contaminant migration pathway which bypass the NBCS.

Site E-69, Pilot Corehole

Location: Site E-69 is located approximately 180 ft north of the south section line and 1300 ft west of the east section line of Section 14 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 121 ft below ground surface. Three sandstone units were encountered within the Denver Fm. An approximately 5-ft thick sandstone unit subcrops at this site. A 32-ft thick clayey siltstone interval is also present at this site. The property owner would not allow any well completions at this site. Therefore, no wells could be installed and the borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: The pilot corehole at Site E-69 was drilled to characterize the geology. The owner at this site did not wish to have permanent wells on his property, but was cooperative in allowing permission to drill a boring to obtain geologic information. The site was specifically used to define the first Denver Fm sandstone unit just upgradient from where it is suspected to subcrop, and to aid in the characterization of other Denver Fm sandstone units that were identified at the NBCS.

Site E-73, Pilot Corehole

Location: Site E-73 is located approximately 2600 ft north of the south section line and 710 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 111 ft below ground surface. Four sandstone units were encountered within the Denver Fm. A 14-ft layer of claystone creates an aquitard that separates the alluvium from the first saturated Denver Fm sandstone unit. An apparent major water bearing sandstone unit occurs from 54.5 to 86 ft below ground surface. Depending on upgradient Denver water chemistry it may be necessary in the future to install a well at this site in this sandstone unit. However, no wells were installed at this site and the borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole was drilled to provide geologic data that could be used to correlate sandstone units with those found at the north boundary of RMA. Also, this geologic information will be

used to install wells at this site if it is determined that it is necessary based on upgradient Denver Fm water chemistry.

Siting E-74, Pilot Corehole

Location: Site E-74 is located approximately 2600 ft north of the south section line and 1875 ft east of the west section line in Section 13 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 111 ft below ground surface. Two sandstone units were encountered within the Denver Fm. A 40-ft layer of claystone creates an aquitard that separates the alluvium from the first saturated Denver Fm sandstone unit. This claystone is sandy from 42.5 through 49 ft below ground surface. In the future, wells may need to be installed in these two sandstone units depending on upgradient Denver Fm water quality. No wells were installed at this site and the borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole was drilled to provide geologic data that could be used to correlate sandstone units with those found at the north boundary of RMA. Also, this geologic information will be used to install wells at this site if it is determined that it is necessary based on upgradient Denver Fm water chemistry.

Site EP-19, Pilot Corehole

Location: Site EP-19 is located approximately 205 ft north of the south section line and 1785 ft east of the west section line in Section 23 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 135 ft below ground surface and seven sandstone units within the Denver Fm were encountered. A 12.0-ft layer of claystone creates an aquitard that separates the alluvium from the first saturated sandstone of the Denver Fm. This borehole produced geologic data that was very useful in assessing the lateral extent and nature of sandstone units that can be correlated beneath the pilot barrier. However, upon evaluation of other geologic data it was decided that wells in this hydrologic unit were more appropriate at Site EP-20, EP-21, and E-32. This borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole at this site was drilled to provide geologic data for cross section to assess the lateral extent and nature of sandstone units which were identified at the NBCS. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site.

Site EP-20, Pilot Corehole, Well 23226 D1, 23236 D3

Location: Site EP-20 is located approximately 140 ft south of the north section line and 1090 ft east of the west section line in Section 23 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 132 ft and five Denver Fm sandstones were encountered. A 4-ft layer of claystone creates an aquitard that separates the alluvium from the first Denver Fm saturated sandstone. Upon review of the pilot corehole data Well 23226 was completed in the first saturated sandstone. After data from other new geologic borings were correlated with EP-20, it was decided that Well 23236 would be completed in the third saturated sandstone. A well was not installed in the second saturated sandstone because it does not appear to be continuous to the east and connected to historically contaminated sandstones that are beneath the pilot barrier. Depending on the chemistry results of these two wells, a well may need to be installed in the fourth sandstone which is 30 ft thick and conglomeritic at its base.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23226 and 23236 were installed to provide hydrologic and water chemistry data in the fist and third saturated sandstone units downgradient of the pilot barrier. The first sandstone unit has historically shown moderate levels of contamination in wells that are located immediately downgradient of the pilot barrier. Previously, no functional wells existed in this area that were screened in the third saturated sandstone unit of the Denver Fm.

Site EP-21, Pilot Corehole, Well #23235 D1

Location: Site EP-21 is located approximately 150 ft south of the north section line and 700 ft east of the west section line in Section 23 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 132 ft below ground surface and four sandstones units within the Denver Fm were encountered. A 5.5-ft layer of weathered claystone creates an aquitard that separates the alluvium from the first saturated sandstone unit of the Denver Fm. After correlating the geologic data obtained from the pilot corehole on geologic cross-sections, it was decided that well 23235 would be completed in the first saturated sandstone. A 3-ft well screen was installed at this site so the well could be completed below the alluvial/bedrock contact. Wells were not installed in the second and third sandstone units because they were only 2-ft thick and did not

appear to be capable of transmitting significant quantities of water. Depending on the chemistry results of wells screened in sandstone units, a well may need to be installed in the fourth sandstone unit which is approximately 25 ft thick and conglomeritic at its base.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and a well completion. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Well 23225 was installed to provide hydrologic and water chemistry data in the first saturated sandstone unit downgradient of the pilot barrier. The first sandstone unit has historically shown moderate levels of contamination in wells that are located immediately downgradient of the pilot barrier. Previously, no functional wells existed in this area that were screened in the first saturated sandstone unit of the Denver Fm.

Site EP-26, Pilot Corehole, Well 23233 D1, Well 23234 D2

Location: Site EP-26 is located approximately 905 ft south of the north section line and 210 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 138 ft below ground surface and five sandstones units within the Denver Fm were encountered. A 15.5-ft layer of claystone forms an aquitard that separates the alluvium from the first saturated sandstone unit of the Denver Fm. Upon review of the pilot corehole data, well 23233 was completed in the first saturated sandstone unit and well 23234 was completed in the second saturated sandstone unit. Wells may need to be completed in the lower sandstone units based on the chemical results of the wells installed at this site.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. The location of this site was chosen to better define the western lateral extent of sandstone units which were identified beneath the pilot barrier. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23233 and 23234 were installed to provide hydrologic and water chemistry data in the first and second saturated sandstone units upgradient of the pilot barrier. The location of these wells was chosen to aid in the assessment of where contaminants are entering these sandstone units which have historically shown moderate levels of contamination immediately downgradient of the NBCS. Previously, no functional wells existed in this area that were screened in the first or second saturated sandstone unit of the Denver Fm.

Site EP-27, Pilot Corehole, Well 23227 D1, Well 23228 D2

Location: Site EP-27 is located approximately 1095 ft south of the north section line and 695 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total dept'. of 58 ft below ground surface and two sandstones units within the Denver Fm were encountered. An 18-ft layer of claystone forms an aquitard that separates the alluvium from the first saturated sandstone unit of the Denver Fm. After correlating the geologic data obtained from the pilot corehole on geologic cross sections, it was decided that Well 23227 and Well 23228 would be completed in the first and second saturated sandstone units respectively.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. The location of this site was chosen to better define the configuration of sandstone units which were identified beneath the pilot barrier. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23227 and 23228 were installed to provide hydrologic and water chemistry data in the first and second saturated sandstone unit upgradient of the pilot barrier. The location of these wells was chosen to aid in the assessment of where contaminants are entering these sandstone units which have historically shown moderate levels of contamination immediately downgradient of the NBCS. Previously, no functional wells existed in this area that were screened in the first or second saturated sandstone unit of the Denver Fm.

Site EP-28, Pilot Corehole

Location: Site EP-28 is located approximately 205 ft south of the north section line and 2490 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 57 ft below ground surface and one sandstone unit within the Denver Fm was encountered. A 26-ft layer of claystone creates an aquitard that separates the alluvium from the sandstone unit. This borehole produced geologic data that was very helpful in assessing the lateral extent and nature of sandstone units that can be correlated beneath the pilot barrier. However, upon evaluation of other geologic and chemical data it was decided that this sandstone is not continuous to the east and connected to historically contaminated sandstones that are beneath the pilot barrier. Therefore, no well was completed and this borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections to assess the lateral extent and nature of sandstone units which were identified at the NBCS. This

corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site.

Site EP-72, Pilot Corehole, Well 23229 D1, Well 23230 D5

Location: Site EP-72 is located approximately 1270 ft south of the north section line and 1880 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 129 ft below ground surface. Five sandstones units within the Denver Fm were encountered. Two of these sandstone units were encountered from 13.5 ft through 21.6 ft and from 108 ft through 124.5 ft, and were considered to be capable of transmitting significant quantities of water. Upon thorough review of the pilot corehole data, Well 23229 was completed in the first sandstone unit, and Well 23230 was completed in the fifth sandstone unit. Sandstone units 2, 3, and 4 in this borehole are generally less than 3 ft thick and did not appear to be capable of transmitting significant quantities of water. Therefore, no wells were completed in these units.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23229 and 23230 were installed to provide hydrologic and water quality data in the first and fifth sandstone units of the Denver Fm. The location of these wells was chosen to monitor the potential for contamination migration around the west end of the NBCS in the Denver Fm.

Site EP-75, Pilot Corehole, Well 23224 D2, Well 23235 D3

Location: Site EP-75 is located approximately 2600 ft south of the north section line and 450 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 122 ft below ground surface. Seven sandstones units within the Denver Fm were encountered. A 2 ft weathered claystone layer creates the aquitard that separates the alluvium from the first silty sandstone unit of the Denver Fm. The first five sandstone units are generally less than 3 ft thick, and cannot be correlated for any significant distance. Therefore, no wells were installed within these units. The lower two sandstone units, 80 through 99 ft, and from 107 through 117 ft were considered major water bearing zones. Upon review of the pilot corehole data, Well 23224 was completed in the sixth sandstone unit and Well 23225 was completed in the seventh sandstone unit.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well locations. The location of this site was chosen to aid in the attempt to correlate Denver Fm sandstone units from Basin F to the NBCS. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23224 and 23225 were installed to provide hydrologic and water quality data in the second and third sandstone units of the Denver Fm upgradient of the NBCS.

Site EP-76, Pilot Corehole

Location: Site EP-76 is located approximately 200 ft south of the north section line and 505 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 137 ft below ground surface and three sandstone units within the Daenver Fm were encountered. Approximately 4 ft of weathered claystone creates the aquitard that separates the alluvium from the first sandstone unit. The first sandstone unit has approximately a 3-ft claystone interbed within it. Therefore, after evaluation of other geologic data it was decided that wells in this hydrologic unit were more appropriate at EP-20 and EP-21. The second and third Denver sandstone units are about 14 and 22 ft thick respectively. A well was not installed in the second sandstone because existing Well 23161, which is approximately 100 ft to the southwest, is screened in this unit. No well was completed at this site and the pilot corehole was abandoned in accordance with section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole at this site was drilled to provide geologic data for cross sections to correlate sandstone units that are beneath the pilot barrier. It was anticipated that all the sandstone units that are present at the barrier would be present at this location and a cluster site could be installed. However, this was not the case and no wells were installed. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site.

APPENDIX A.3
WELL COMPLETION SUMMARIES, BORELOGS, AND E-LOGS

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole P-3 Well P-3 (KJM) 23212

Project Name and Location Task 21 N Boundry Project Number 17053.038.16

Drilling Company Bayles Bros Driller Dave Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12 (KJM) in. ___ cm. 0 ft. ___ cm. to 17.87 ft. ___ cm.
~~8¼ in. ___ cm.~~ ___ ft. ___ cm. to ___ ft. ___ cm.
12¼" OD from 0' - 17.9'

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

Sampling Method(s) None

Date/Time Start Drilling 4/15 0800

Size and Type PVC 2" Sch 40

Date/Time Finish Drilling 4/15 0838

Total Borehole Depth ~~17.9~~ 17.87 ft. ___ cm.

Date/Time Start Completion 4/16 0901

Depth to Bedrock 17.87 ✓ ft. ___ cm.

Date/Time Cement Protective Casing 4/15 1000

Depth to Water unknown ~10 ft. ___ cm.

Materials Used ___

Water Level Determined By Soil sample & cuttings

Plain PVC 10.5' X 1

Length Plain PVC (total) 10.5 ~~9.0~~ 10.22 (KJM) ft. ___ cm.

Slotted PVC 10.5' X 1

Length of Screen 9.35 10.22' ft. ___ cm.

Bentonite Pellets ✓

Total Length of Well Casing ~~9.2~~ 19.72 ft. ___ cm.

Bentonite Granular 4 X 50# bags

PVC Stick Up 19.57 1.70 ft. ___ cm.

Cement 2 sacks

Depth to Bottom of Screen 17.87 ft. ___ cm.

Sand 6 bags

Depth to Top of Screen ~~2.3~~ 7.65 ft. ___ cm.

Water added during completion 2½ gallons

Depth to Top of Sand 6.3 ft. ___ cm.

Water added during drilling None

Depth to Top of Bentonite 3.0 ft. ___ cm.

Total Gallons of water added 2½ gallons

Drill Site Geologist KJ Mathews

Date 4-15-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5-4-87 / 12:00 / WTV 04-29-87 PJB ESE

Date/Time/Personnel Casing Painted 4-28-87 / ~~1352~~ 1046 / WTV - PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87 / 1352 / WTV - PJB (ESE)

Materials Used 12 Bgs Quick-crete ½ Bg Sand ¼ Bg Cement 1 Roll Lawn Edging

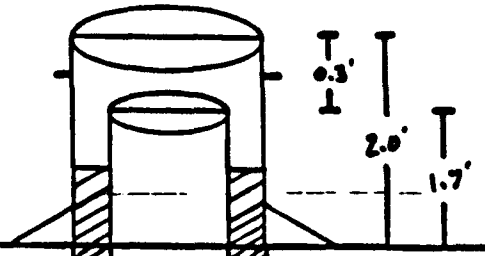
			COMMENT/NOTES
Top of Protective Casing to Top of PVC	0.77 ft. ___ cm.		
Top of Protective Casing to Weep Hole	1.59 ft. ___ cm.		
Top of Protective Casing to Internal Mortar	1.57 ft. ___ cm.		
Top of Protective Casing to Top of Cement Pad	2.01 ft. ___ cm.		
Top of Protective Casing to Ground Level	~~2.01~~ JAR 2.47 ft. ___ cm.		

Reviewed By Joseph L. Reed Date 6/5/87

Drill Site Geologist ___ Date ___

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Borehole: P-3 Well: 23217

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
1			grout 0 - 3.0'
2			well casing ~~+1.7' - 7.3'~~ KJM +1.7' - 7.65'
3			
4			bentonite seal 3.0' - 6.3'
5			
6			
7			
8			
9			well screen ~~7.3' - 17.5'~~ KJM 7.65' - 17.87
10			
11			
12			sand pack 6.3' - 17.5'
13			
14			
15			
16			
17			
18			~~slough 17.5' - 17.87'~~ KJM TD at 17.87'

Drill Site Geologist: K.J. Mathews Date: 5-4-97

Reviewed By: Joseph L. Reed Date: 5/5/97

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

WELL CONSTRUCTION SUMMARY

Borehole P-6 Well Piezometer 5 23213

Project Name and Location T-21 North Boundary Spread Project Number 17051-004.10

Drilling Company Boyles Bros Driller Dave Jeeves Rig Number 5451 074

Drilling Method(s) Auger

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 19.89 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Size and Type PVC 2" .020 s/cr

Total Borehole Depth 19.89 ft. ____ cm.

Depth to Bedrock ≥20' ft. ____ cm.

Depth to Water 9 ft. ____ cm.

Water Level Determined By Solinst

Length Plain PVC (total) 11.59 ft. ____ cm.

Length of Screen 10 ft. ____ cm.

Total Length of Well Casing 21.59 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 19.89 ft. ____ cm.

Depth to Top of Screen 9.89 ft. ____ cm.

Depth to Top of Sand 4' ft. ____ cm.

Depth to Top of Bentonite 3' ft. ____ cm.

Sampling Method(s) NA

Date/Time Start Drilling 4/4/87 1130

Date/Time Finish Drilling 4/4/87 1235

Date/Time Start Completion 4/4/87 1235

Date/Time Cement Protective Casing 4/4/87 1401

Materials Used ____

Plain PVC 1-10' SECTION 1-5' SECTION

Slotted PVC 1-10' SECTION

Bentonite Pellets ____

Bentonite Granular 1 BUCKET

Cement 1 1/4 Bags

Sand 11 Bags

Water added during completion 5 GALS TO SURGE // BRATTONITE

Water added during drilling NONE

Total Gallons of water added 5

Drill Site Geologist Greg Cotos

Date 4/5/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed WTV/1415/4-30-87 4/21/87 BR (Boyles)

Date/Time/Personnel Casing Painted 4-28-87 / 1119 1400 / WTV - PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87 / 1400 / WTV - PJB (ESE)

Materials Used 16 Bags Sackrete

Top of Protective Casing to Top of PVC	0.61 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.35 ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	1.35 ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	1.95 ft.	____ cm.	____
Top of Protective Casing to Ground Level	2.31 ft.	____ cm.	____

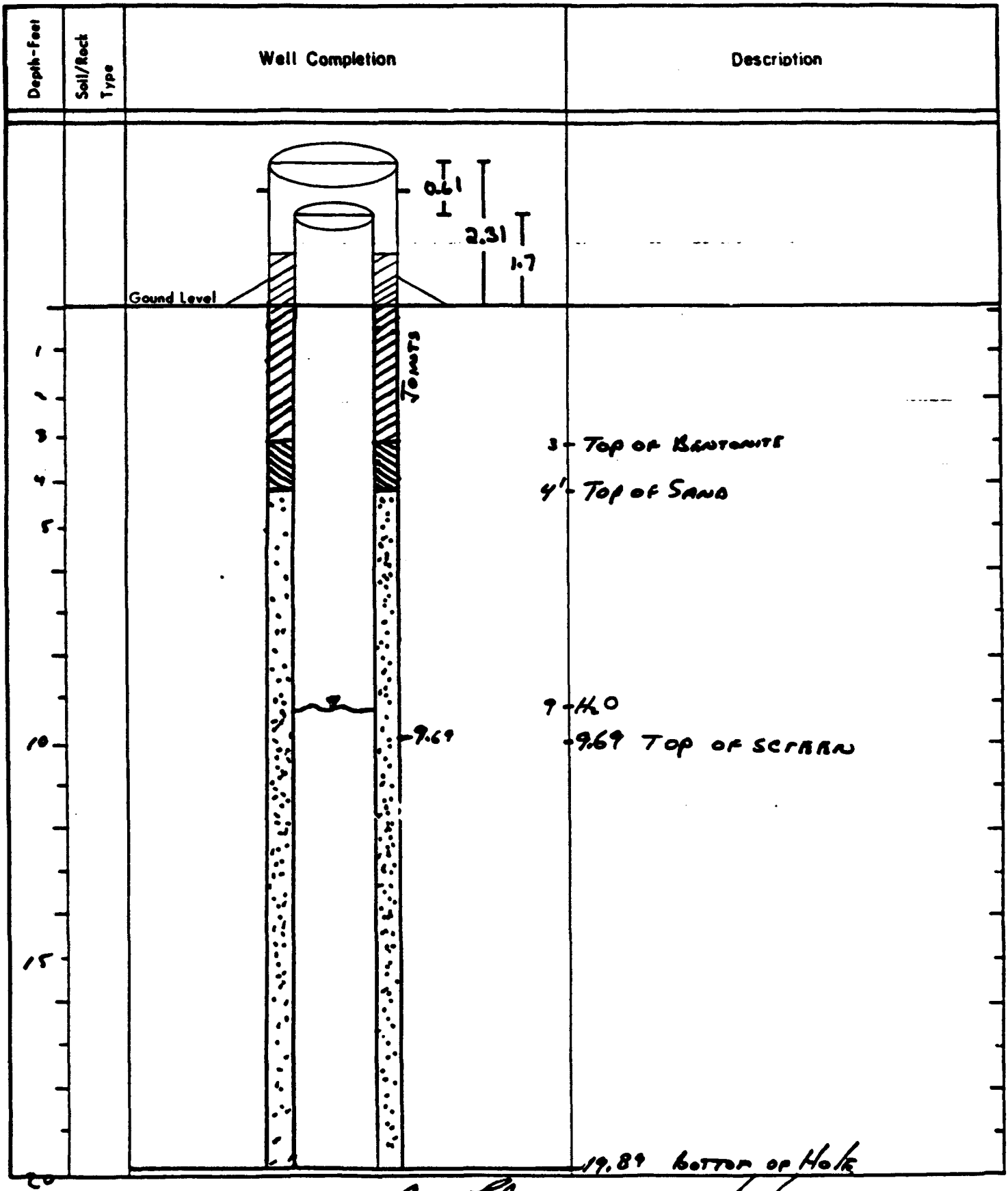
Reviewed By Joseph L. Reed Date 4/5/87

Drill Site Geologist ____ Date ____

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: P-5

Well: SLR 23213



Drill Site Geologist: [signature] Date: 4/15/87

Reviewed By: [signature] Date: 5/5/87

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole P-7 Well P-7 KJM 23214

Project Name and Location Tank 21; 25'N of NBCS 4 Project Number 17053.058.10

Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter ~~8"~~ 4 FD in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.
12"OD in. ____ cm. 0 ft. ____ cm. to 20 ft. ____ cm.

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

Size and Type PVC 2" Sch 40

Total Borehole Depth ~~20.0~~ 20.00 ft. KJM ____ cm.

Depth to Bedrock ~~—~~ unknown ft. ____ cm.

Depth to Water 10.6 ft. ____ cm.

Water Level Determined By Sounder KJM

Length Plain PVC (total) ~~10.22~~ 11.35 ft. KJM ____ cm.

Length of Screen 10.25 ft. ____ cm.

Total Length of Well Casing ~~20.47~~ 21.57 ft. KJM ____ cm.

PVC Stick Up ~~1.47~~ 1.70 ft. KJM ____ cm.

Depth to Bottom of Screen 19.87 ft. KJM ____ cm.

Depth to Top of Screen ~~9.7~~ 9.65 ft. KJM ____ cm.

Depth to Top of Sand 8.5 ft. ____ cm.

Depth to Top of Bentonite 3.0 ft. ____ cm.

Sampling Method(s) — N/A

Date/Time Start Drilling 4/15 1049

Date/Time Finish Drilling 4/15 1119

Date/Time Start Completion 4/15 1139

Date/Time Cement Protective Casing 4/15 1254

Materials Used ____

Plain PVC 2X10'

Slotted PVC 1X10'

Bentonite Pellets ____

Bentonite Granular 5½ X 50#

Cement 2½ bags

Sand 5 bags

Water added during completion 5 gallons

Water added during drilling —

Total Gallons of water added 5 gallons

Drill Site Geologist K.J. Mathews

Date 4/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4-29-87/1247/WTV 4/21/87 BR (BR)

Date/Time/Personnel Casing Painted 04-28-87 11:25 PgB WTV

Date/Time/Personnel Numbers Painted 04-29-87 0500 PgB WTV

Materials Used 16 Bags Sackrete ¼ Bg Cement + ½ Bg Sand 1 Roll LAWN Edging

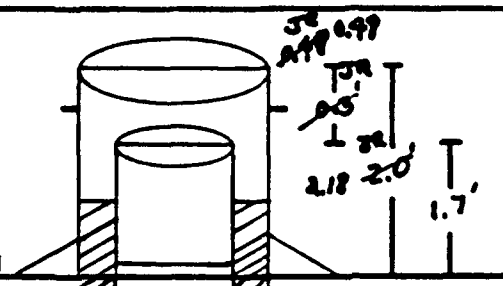
			COMMENT/NOTES
Top of Protective Casing to Top of PVC	0.48 ft.	____ cm.	
Top of Protective Casing to Weep Hole	1.50 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.51 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.89 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.18 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 5/5/87

Drill Site Geologist ____ Date ____

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Borehole: P-7 Well: 23214

Depth-Feet	Soil/Rock Type	Well Completion	Description
			protective casing +2'-3'
0		Gound Level	
1			
2			
3			grout 0'-3'
4			well casing ~~+1.7 - 9.7~~ KJM +1.70' - 9.65'
5			
6			
7			
8			bentonite seal 3'-8'
9			
10			
11			
12			
13			
14			sand pack 8'-20'
15			
16			well screen ~~9.7 - 19.9~~ KJM 9.65' - 19.87'
17			
18			
19			
20			TD at 20.00'

Drill Site Geologist: KJ Mathews Date: 5-4-87

Reviewed By: Joseph L. Reed Date: 5/5/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole P-8 Well P-8 (KJM) 23215

Project Name and Location NBCS piezometers Project Number 1705 307410

Drilling Company Bowles Bros Driller Dave Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12¼" OD in. ____ cm. 0 ft. ____ cm. to 20 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) N/A

Size and Type PVC 2" Sch 40

Total Borehole Depth ~20. (20.00) ft. ____ cm.

Depth to Bedrock N/A (unknown) ft. ____ cm.

Depth to Water ~15.8 ft. ____ cm.

Water Level Determined By Solinst DR760A

Length Plain PVC (total) ~~10.1~~ (10.06) ft. ____ cm.

Length of Screen 10.2 ft. ____ cm.

Total Length of Well Casing ~~20.3~~ (20.27) ft. ____ cm.

PVC Stick Up 1.7 (1.70) ft. ____ cm.

Depth to Bottom of Screen 18.5 (18.57) ft. ____ cm. 18.5 ft

Depth to Top of Screen ~~18.3~~ (8.85) ft. ____ cm.

Depth to Top of Sand 7.1 ft. ____ cm.

Depth to Top of Bentonite 3.0 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/21 1044

Date/Time Finish Drilling 4/21 1130

Date/Time Start Completion 4/21 1148

Date/Time Cement Protective Casing 4/21 1235

Materials Used

Plain PVC 1 X 10'

Slotted PVC 1 X 10'

Bentonite Pellets N/A

Bentonite Granular 4 X 50#

Cement 3 X 94#

Sand 8¼ X 94#

Water added during completion 4 gallons

Water added during drilling 5 gallons X 0% return

Total Gallons of water added 4 gallons

Drill Site Geologist K. J. Mathews Date 4/21/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5-9-87/1430/RAG/MKW

Date/Time/Personnel Casing Painted 5-4-87/1430/RAG/MKW

Date/Time/Personnel Numbers Painted 5-9-87/1430/RAG/MKW

Materials Used 13 bags Quikcrete, 1 bag Concrete, 1 bag Sand, 1 roll edging

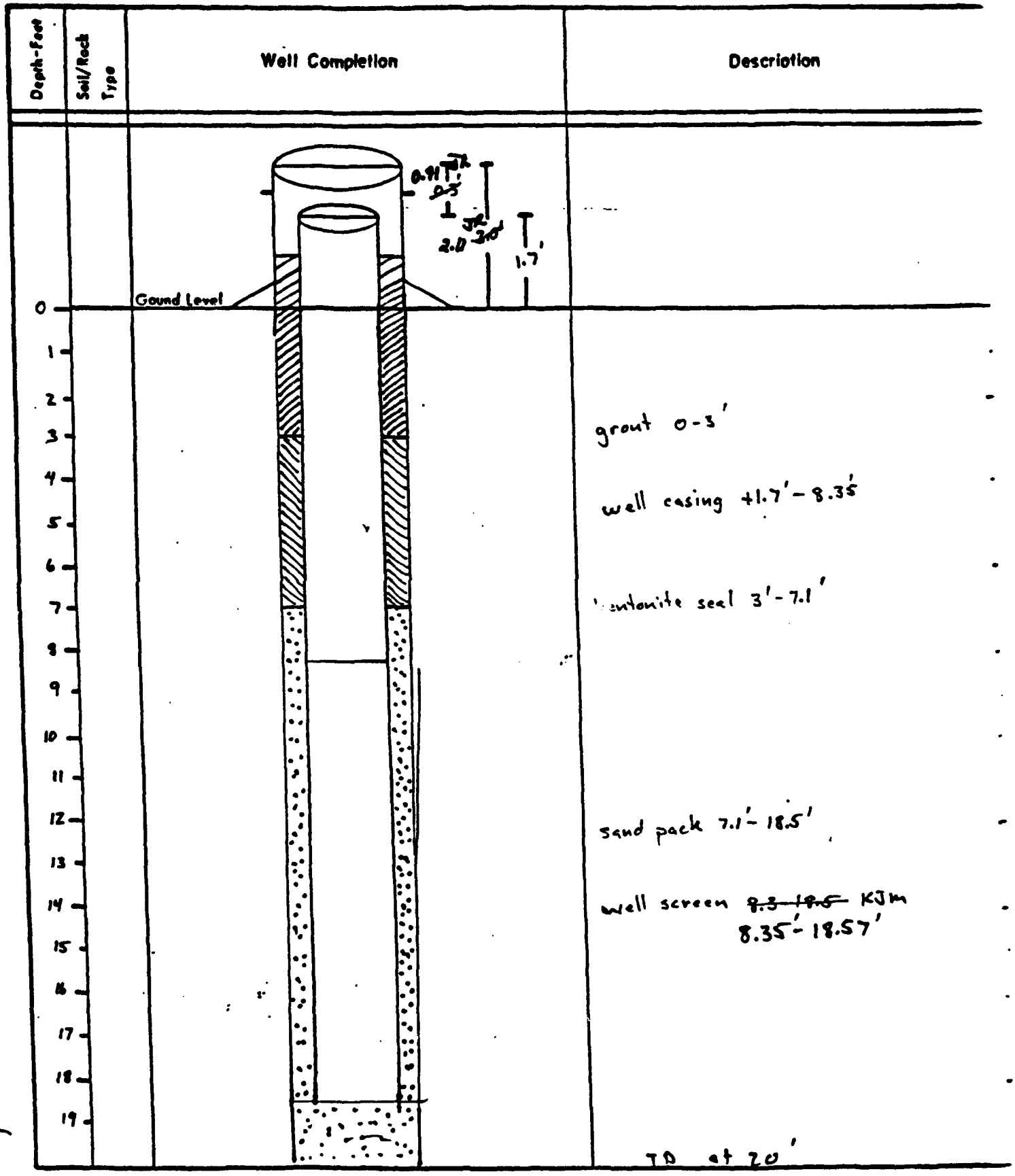
Top of Protective Casing to Top of PVC	0.41 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.44 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.44 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.63 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.11 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 5/29/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: P-8 Well: 23215



Drill Site Geologist: KJ Mathews Date: 5-4-87

Reviewed By: Joseph L. Rust Date: 5/29/87

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

WELL CONSTRUCTION SUMMARY

Borehole P-10 Well P-10 23216

Project Name and Location NBCS piezometer wells Project Number 1705307410

Drilling Company Boyles Bros Driller Dave Jarvie. Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 2¼" OD in. ____ cm. 0 ft. ____ cm. to 18.2 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) N/A

Size and Type PVC 2" Sch 40

Total Borehole Depth 18.27 ft. ____ cm.

Depth to Bedrock 18.27 ~~18.0~~ KSM ft. ____ cm.

Depth to Water ~~~18.0~~ ~17.0 (Perched?) ~~17~~ ft. ____ cm.

Water Level Determined By Solinst DR760A

Length Plain PVC (total) 9.65 ~~10.96~~ KSM ft. ____ cm.

Length of Screen 10.22 ~~10.2~~ KSM ft. ____ cm.

Total Length of Well Casing 19.87 ~~19.8~~ KSM ft. ____ cm.

PVC Stick Up 1.60 ~~1.63~~ KSM ft. ____ cm.

Depth to Bottom of Screen 18.27 ~~18.2~~ KSM ft. ____ cm.

Depth to Top of Screen 8.05 ~~8.0~~ KSM ft. ____ cm.

Depth to Top of Sand 7.0 ft. ____ cm.

Depth to Top of Bentonite 3.0 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/17 1420

Date/Time Finish Drilling 4/21 0813

Date/Time Start Completion 4/21 0856

Date/Time Cement Protective Casing 4/21 0941

Materials Used

Plain PVC 1X10'

Slotted PVC 1X10'

Bentonite Pellets N/A

Bentonite Granular 4 X 50#

Cement 3 X 94#

Sand 7½ X 94#

Water added during completion 3½ gallons

Water added during drilling 0

Total Gallons of water added 3½ gallons

Drill Site Geologist K.T. Mathews Date 4/21/87

1/22/87 BR (Boyles) Cement Rd

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed weep hole - PJB-Smith (ESE) 5-8-87

Date/Time/Personnel Casing Painted 4-28-87 / ~~1408~~ 1119 / WTV - PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87 / 1408 / WTV - PJB (ESE)

Materials Used 16 Bags Sackrete

Top of Protective Casing to Top of PVC	0.39 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.66 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.66 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.91 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.16 ~~1.99~~ ft.	____ cm.	

Reviewed By Joseph L. Reed Date 5/5/87

Drill Site Geologist ____ Date ____

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7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: P-10 Well: 23216

Depth-Feet	Soil/Rock Type	Well Completion	Description
0		Ground Level; 0.4', 1', 2.0', 1.6'	
1			grout 0 - 3.0'
2			well casing +1.66 - 8.0'
3			
4			
5			bentonite seal 3.0' - 7.0'
6			
7			
8			
9			well screen 8.0' - 18.27'
10			
11			
12			
13			sand pack 3.0' - 18.27'
14			
15			
16			
17			
18			TD = 18.27
19			

Drill Site Geologist: K.J. Mathews Date: 5-4-87

Reviewed By: Joseph L. Reed Date: 5/5/87

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7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole P-12 (North 10m) Well P-12 (KJM) 23217

Project Name and Location 20'S of NBCS ℄ Project Number 1705307410

Drilling Company Boyles Bros Driller D. Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12¼" OD in. ____ cm. 0 ft. ____ cm. to 20.4 ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Size and Type PVC 2" Sch 40

Total Borehole Depth ~~20.4~~ 21. ft. ____ cm.

Depth to Bedrock 20.4 ft. ____ cm.

Depth to Water ~16 21 ft. ____ cm.

Water Level Determined By Soil test + DR760A 16

Length Plain PVC (total) ~~12.15~~ ft. ____ cm.

Length of Screen ~~10'~~ 10.15' ft. ____ cm.

Total Length of Well Casing ~~22.3~~ 22.30 ft. ____ cm.

PVC Stick Up 1.90 ft. ____ cm.

Depth to Bottom of Screen ~~20.40~~ ft. ____ cm.

Depth to Top of Screen ~~10.25~~ ft. ____ cm.

Depth to Top of Sand 5.4 ft. ____ cm.

Depth to Top of Bentonite 4.7 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/17 0825

Date/Time Finish Drilling 4/17 1131

Date/Time Start Completion 4/17 1215

Date/Time Cement Protective Casing 4/17 1258

Materials Used

Plain PVC 1X10', 1X5'

Slotted PVC 1X10'

Bentonite Pellets N/A

Bentonite Granular 4 X 50#

Cement 2 X 94#

Sand 8 X 94#

Water added during completion 4 gallons

Water added during drilling 0

Total Gallons of water added 4 gallons

Drill Site Geologist K.J. Mathews

Date 4/17/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04-30-87 11:45 PJB

Date/Time/Personnel Casing Painted 04-29-87 0900 PJB WTV

Date/Time/Personnel Numbers Painted 05-05-87 0700 PJB

Materials Used 10 Bgs Quick-Crete ½ Bg SAND ¼ Bg Cement 1 Roll Lawn Edging

Top of Protective Casing to Top of PVC 0.32 ~~-0.01~~ ft. ____ cm.

Top of Protective Casing to Weep Hole 1.45 ft. ____ cm.

Top of Protective Casing to Internal Mortar 1.45 ft. ____ cm.

Top of Protective Casing to Top of Cement Pad 1.96 ft. ____ cm.

Top of Protective Casing to Ground Level ~~1.46~~ JLR 2.22 ft. ____ cm.

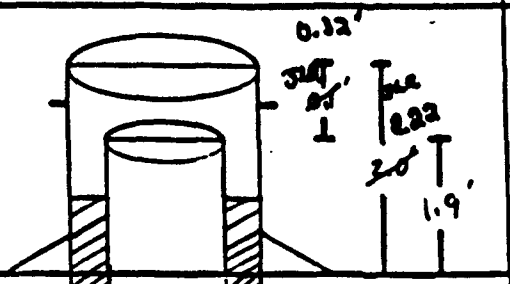
COMMENT/NOTES

Reviewed By Joseph L. Reed Date 5/5/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7202 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-8626

Borehole: P-12 Well: 23217

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
1			grout 0 - 4.7'
2			Well casing +1.90' - 10.25
3			
4			
5			
6			bentonite seal 4.7' - 8.4'
7			
8			
9			
10			
11			
12			well screen 10.25 - 20.40
13			
14			sand pack 8.4' - 20.40
15			
16			
17			
18			
19			
20			TD = 20.40
21			

Drill Site Geologist: K.J. Matthews Date: 5-4-97

Reviewed By: Joseph T. Reed Date: 5/5/97

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0630

WELL CONSTRUCTION SUMMARY

Borehole P-14 Well P-14 (KJM) 24/92

Project Name and Location NBCS Piezometers Project Number 1705307410

Drilling Company Bayles Bros Driller Dave Jaime Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. O.D. _____ cm. 0 ft. _____ cm. to 22.86 ft. _____ cm.

_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

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

Size and Type PVC 2" Sch 40

Total Borehole Depth	22.86 ft.	_____ cm.	
Depth to Bedrock	~22. 21 ft.	_____ cm.	
Depth to Water	~21 19.4 ft.	_____ cm.	
Water Level Determined By	Solinst		
Length Plain PVC (total)	14.3 14.28 ft.	_____ cm.	
Length of Screen	10.2 10.18 ft.	_____ cm.	
Total Length of Well Casing	24.5 24.46 ft.	_____ cm.	
PVC Stick Up	1.60 1.6 ft.	_____ cm.	
Depth to Bottom of Screen	22.86 ft.	_____ cm.	
Depth to Top of Screen	12.7 12.68 ft.	_____ cm.	
Depth to Top of Sand	11.1 ft.	_____ cm.	
Depth to Top of Bentonite	6.4 ft.	_____ cm.	

Sampling Method(s) N/A

Date/Time Start Drilling 4/16 1255

Date/Time Finish Drilling 4/16 1334

Date/Time Start Completion 4/16 1406

Date/Time Cement Protective Casing 4/16 1449

Materials Used

Plain PVC 1X10, 1X5

Slotted PVC 1X10

Bentonite Pellets N/A

Bentonite Granular 5X50#

Cement 3X94#

Sand 8X94#

Water added during completion 5 gallons

Water added during drilling Ø

Total Gallons of water added 5 gallons

Drill Site Geologist K.J. Mathews Date 4/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed (5-5-87/1100/MW) 5/4/87, 1150 / RAG-MKW

Date/Time/Personnel Casing Painted 5/4/87, 1150 / RAG-MKW

Date/Time/Personnel Numbers Painted 5/4/87, 1930 / RAG-MKW

Materials Used 13 bags Quickcrete, 1 bag Cement, 2 bags Sand, 1 roll edgering

Top of Protective Casing to Top of PVC	0.26 ft.	_____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.85 ft.	_____ cm.	
Top of Protective Casing to Internal Mortar	1.35 ft.	_____ cm.	
Top of Protective Casing to Top of Cement Pad	1.79 ft.	_____ cm.	
Top of Protective Casing to Ground Level	1.79 1.86 ft.	_____ cm.	

Reviewed By Joseph L. Reed Date 6/2/87

Drill Site Geologist _____ Date _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: P-14 Well: 24192

Depth-Feet	Soil/Rock Type	Well Completion	Description
0		Ground Level; concrete; air; +1.6	
1			grout 0-6.4'
2			well casing ~~+1.6' - 12.7'~~ +1.60 - 12.68'
3			
4			
5			
6			
7			
8			bentonite seal 6.4' - 11.1'
9			
10			
11			
12			
13			12.68' - 22.86'
14			well screen ~~12.7 - 22.9~~
15			sand pack 11.1' - 22.9'
16			
17			
18			
19			
20			
21			TD at 22.86
22			

23

Drill Site Geologist: K.J. Mathews Date: 5-4-87

Reviewed By: Joseph L. Reed Date: 6/2/87

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7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole P-16 Well ~~P-16~~ KJM ~~N/A~~ KJM 24193

Project Name and Location NBCS Piezometers Project Number 1705307450

Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12¼" OD in. ____ cm. 0 ft. ____ cm. to 17.75 ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) ~~12¼~~ KJM

Size and Type PVC 2" Sch 40

Total Borehole Depth ~~17.75~~ 17.75 ft. ____ cm.

Depth to Bedrock N/A ft. ____ cm.

Depth to Water ~11.1 ft. ____ cm.

Water Level Determined By Solinst

Length Plain PVC (total) ~~9.44~~ ~~10.2~~ KJM 9.54 ft. ____ cm.

Length of Screen ~~10.21~~ 10.21 ft. ____ cm.

Total Length of Well Casing ~~19.65~~ 19.75 ft. ____ cm.

PVC Stick Up ~~1.90~~ 1.90 ft. ____ cm.

Depth to Bottom of Screen ~~17.75~~ KJM ~~17.75'~~ 17.85' ft. ____ cm.

Depth to Top of Screen ~~7.54~~ 7.54 ft. ____ cm.

Depth to Top of Sand 6.6 ft. ____ cm.

Depth to Top of Bentonite 3.0 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/16 1035

Date/Time Finish Drilling 4/16 1100

Date/Time Start Completion 4/16 1120

Date/Time Cement Protective Casing 4/16 1200

Materials Used

Plain PVC 1X10'

Slotted PVC 1X10'

Bentonite Pellets N/A

Bentonite Granular 4X50#

Cement 2X94#

Sand 6X94#

Water added during completion 3 gallons

Water added during drilling 0

Total Gallons of water added 3 gallons

Drill Site Geologist K.J. Mathews

Date 4/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/30/87 BR (Boyles)

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used 16 Bags Sackrete

Top of Protective Casing to Top of PVC ~~0.33~~ KJM ~~1.64~~ ft. ____ cm.

Top of Protective Casing to Weep Hole 1.47 ft. ____ cm.

Top of Protective Casing to Internal Mortar 1.47 ft. ____ cm.

Top of Protective Casing to Top of Cement Pad 1.94 ft. ____ cm.

Top of Protective Casing to Ground Level ~~1.46~~ JLR 2.03 2.23 ft. ____ cm.

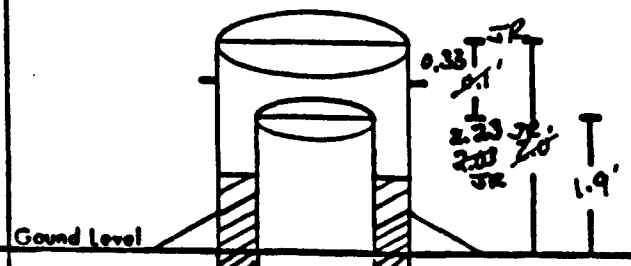
COMMENT/NOTES

Reviewed By Joseph L. Reed Date 6/2/87

Drill Site Geologist ____ Date ____

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7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: P-16 Well: 24193

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
1			grout 0 - 3.0'
2			well casing +1.9' - 7.54'
3			
4			bentonite seal 3.0' - 6.6'
5			
6			
7			
8			
9			
10			well casing 7.54' - ~~17.75'~~ 17.85' KJM
11			
12			sand pack 6.6' - ~~17.75'~~ 17.85' KJM
13			
14			
15			
16			
17			
18			TD at ~~17.75'~~ 17.85' KJM

Drill Site Geologist: K.J. Mathews Date: 5-4-97

Reviewed By: [signature] Date: 6/2/97

(2)

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

WELL CONSTRUCTION SUMMARY

Borehole P-17 Well P-17 24194

Project Name and Location NBCS ~~Monitor~~ KJM Piezometers Project Number 1705357410

Drilling Company Boyles Bros Driller Dave Jarvis Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12¼" in. ____ cm. 0 ft. ____ cm. to 16.02 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Size and Type PVC 2" Sch 40

Total Borehole Depth 16.02 ft. ____ cm.

Depth to Bedrock N/A ft. ____ cm.

Depth to Water ~50' (unknown) ft. ____ cm.

Water Level Determined By ~5.0 Subsist

Length Plain PVC (total) ~~7.82~~ 7.84 ft. ____ cm.

Length of Screen ~~10.18~~ 10.18 ft. ____ cm.

Total Length of Well Casing ~~17.96~~ 18.02 ft. ____ cm.

PVC Stick Up ~~1.9~~ 2.0 ft. ____ cm.

Depth to Bottom of Screen ~~16.02~~ 16.02 ft. ____ cm.

Depth to Top of Screen ~~5.82~~ 5.84 ft. ____ cm.

Depth to Top of Sand 4.2 ft. ____ cm.

Depth to Top of Bentonite 3.2 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/16 0810

Date/Time Finish Drilling 4/16 0841

Date/Time Start Completion 4/16 0918

Date/Time Cement Protective Casing 4/16 0950

Materials Used

Plain PVC 1 X 10'

Slotted PVC 1 X 10'

Bentonite Pellets N/A

Bentonite Granular 1 X 50#

Cement 2 X 94#

Sand 6 X 94#

Water added during completion 1 gallon

Water added during drilling 0

Total Gallons of water added 1 gallon

Drill Site Geologist K.J. Mathews Date 4/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5-4-87 / 10:00 / WN ~~4/28/87~~ BR (Boyles)

Date/Time/Personnel Casing Painted 4-28-87 / 1042 / WN-PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87 / 1340 / WN-PJB (ESE)

Materials Used 16 Bags sackcrete

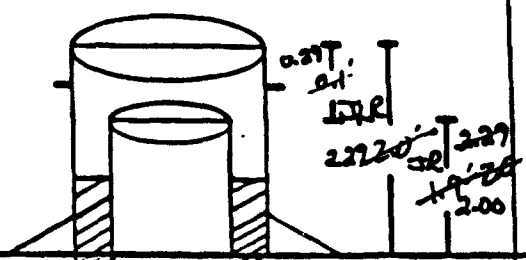
			COMMENT/NOTES
Top of Protective Casing to Top of PVC	0.29 ft.	____ cm.	
Top of Protective Casing to Weep Hole	1.52 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.52 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.91 ft.	____ cm.	
Top of Protective Casing to Ground Level	JLR ~~1.91~~ 2.09 ft.	____ cm.	

Reviewed By Joseph R. Reed Date 6/2/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • (303)741-6626

Borehole: P-17 Well: 24194

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
1			grout 0 - 3.2'
2			Well casing ~~+1.9 - 6.84~~ +2.0 - 5.84
3			
4			bentonite seal 3.2' - 4.2'
5			
6			
7			
8			Well screen 5.84 - 16.02
9			
10			Sand pack 4.2' - 16.0'
11			
12			
13			
14			
15			
16			TD at 16.02

Drill Site Geologist: KJ Mathews Date: 5-4-87

Reviewed By: Joseph L. Reed Date: 6/2/87

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

WELL CONSTRUCTION SUMMARY

Borehole P-18 Well P-18 KJM 24195

Project Name and Location 20'S of NBCS & Project Number 17053074.10

Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 8 1/4 ID KJM in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.
12 1/4" OD in. ____ cm. 0 ft. ____ cm. to 14 ft. ____ cm.

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

Size and Type PVC 2" Sch 40

Total Borehole Depth 14 ft. ____ cm.

Depth to Bedrock — ft. ____ cm.

Depth to Water Unknown 4.85 ft. ____ cm.

Water Level Determined By Solinst

Length Plain PVC (total) KJM 10.3 ft. ____ cm. 5.5

Length of Screen 10.2 ft. KJM ____ cm.

Total Length of Well Casing 18.5 20.6 ft. ____ cm. 10.20

PVC Stick Up 15.70 1.7 ft. ____ cm. 1.70

Depth to Bottom of Screen 14.0 ft. ____ cm. 14.00

Depth to Top of Screen 3.8 ft. ____ cm. 3.80

Depth to Top of Sand 2.8 ft. ____ cm.

Depth to Top of Bentonite 2.0 ft. ____ cm.

Sampling Method(s) — N/A

Date/Time Start Drilling 4/15 1325

Date/Time Finish Drilling 4/15 1343

Date/Time Start Completion 4/15 1404

Date/Time Cement Protective Casing 4/15 1458

Materials Used ____

Plain PVC 2 X 10'

Slotted PVC 1 X 10'

Bentonite Pellets ____

Bentonite Granular 1 X 50#

Cement 6 b KJM 1 bag

Sand 6 bags

Water added during completion 1½ gallons

Water added during drilling —

Total Gallons of water added 1½ gallons

Drill Site Geologist K.J. Mathews Date 4/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed WTV/5-1-87/10:00am 4/22/87 BR (Boyles)

Date/Time/Personnel Casing Painted 4-28-87/1325/WTV-PJB (E.S.E.)

Date/Time/Personnel Numbers Painted 4-28-87/1325/WTV-PJB (E.S.E.)

Materials Used 16 Bags Sackrete

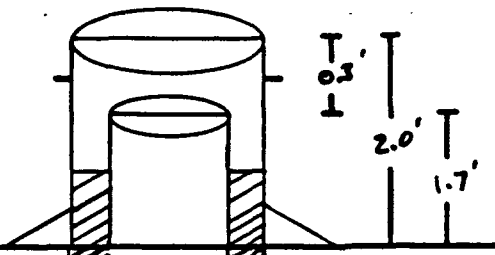
Top of Protective Casing to Top of PVC	0.27 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.3 ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	1.3 ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	1.74 ft.	____ cm.	____
Top of Protective Casing to Ground Level	1.74 2.0 ft.	____ cm.	____

Reviewed By Joseph L. Reed Date 5/5/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0630

Borehole: P-18 Well: 24195

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
0			grout 0-2'
1			well casing +1.7'-3.8'
2			bentonite seal 2.0'-2.8'
3			
4			
5			
6			
7			
8			sandpack 2.8'-14.0
9			
10			well screen 3.8'-14.0'
11			
12			
13			
14			TD at 14.00'

Drill Site Geologist: K.J. Mathews Date: 5-4-87

Reviewed By: Joseph L. Reed Date: 5/5/87

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

Borehole: B-19 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0.0						
	1, 2-0	1, 0.2	N/A	1, 2-0	ML	ML - clayey silt. ~30% clay. 10YR3/3. dk. brown. Slight plasticity. Moist. Topsoil / Alluvium.
1.0						
2.0						
2.5	1, 4-2	1, 0.2		1, 2-2		At 2.5' clayey silt. ~20% clay. 10YR5/6 yellowish brown. Medium dense. Non-plas. Dry. Alluvium
3.0						
4.0						
	1, 9-4	1, 0.2		1, 4-9		
5.0						
6.0						
	1, 8-9	1, 0.2		1, 8-9		
7.0						
8.0						
	1, 10-8	1, 8.1		1, 10-8		
9.0						
10.0						
10.2	1, 12-10	1, 0.2		1, 12-10	SM	SM - clayey silty sand. ~10% clay. ~20% silt in f.g. sand. 10YR5/6 yellowish brown. Loose Non-plas. Moist Alluvium
11.0						

LAB
~~Drill Site~~ Geologist: K.J. Mathews Date: April 28, 1987

Reviewed By: Joseph L. Reed Date: 7/9/87

EDE 7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 1 OF

Borehole: B-19 Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11.0						
	10-21'	2.0	N/A	10-12'	SM	
12.0					SW	SW - Well graded f, m, lc. grained sand. 10YR5/6 yellow-brn Loose. Non-plastic. Moist. Alluvium.
	12-14'	1.7		12-14'		
14.0						
	14-16'	2.0		14-16'		
16.0						
16.5						16.
	16-18'	2.0		16-18'	CL	CL - silty clay, ~40% silt. 7.5YR 4-5/0 dk gray-gray medium dense. Non-plastic. Dry. Bedrock. Friable w/ shades of olive-green color.
18.0						
	18-20'	2.0		18-20'		
19.0						
20.0						END OF BORING

LAB
~~Drill Site~~ Geologist: K. J. Mathews Date: April 28, 1987

Reviewed By: Joseph L. Reed Date: 7/9/87

ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: B-20 Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0.0						
	0'-2'	2.0'	N/A	0'-2'	ML	ML - sandy silt. ~20% v.f.gr. sand. 10YR 4/2 dark grayish brown. Med dense. Non-plastic. Moist. Alluvium. Occasional lt. brown to white calcareous inclusions.
1.0						
2.0						
	2'-4'	2.0'		2'-4'		
3.0						
3.5					SM	SM - silty sand. ~20% silt in f.&m. gr sand. ~5% coarse grained sand. 10YR5/2 grayish brown Loose. Non-plastic. Moist. Alluvium. Occasional lt. brown to white calcareous inclusions.
4.0						
	4'-6'	2.0'		4'-6'		
5.0						
6.0						
	6'-8'	2.0'		6'-8'		
7.0						
8.0						
	8'-10'	2.0'		8'-10'		
9.0						
10.0						
	10'-12'	1.7'		10'-12'		
11.0						

LAB
~~Drill Site~~ Geologist: K.J. Mathews Date: 4/23/87

Reviewed By: Joseph L. Reed Date: 7/9/87

EDC 7392 SOUTH ALTON WAY · SUITE H-1 · ENGLEWOOD, COLORADO 80112 · 303/741-0830

SHEET ___ OF ___

Borehole: B-20 **Well Number:** _____

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11.0						
	21'-01	1.7'	N/A	21'-01	SW	SW - well-graded sand, f, m, & c. grained. 10YR 7/2-3 light gray to v. pale brown. Very loose. Non-plastic. Dry. Alluvium. Subrounded particles. Subtle stratified of grain sizes observed.
12.0						
	14'-21	1.7'		14'-21		
13.0						
14.0						
	11'-14	8.1'		11'-14		
15.0						
16.0						
	18'-11	9.0'		16'-18		
17.0						
18.0						Water table ~ 18.0'. (Wet sands below)
	20'-18	1.9'		18'-20		
19.0						
20.0					SP	SP - fine-grained sand. trace silt. 10YR 4/4 dk. yellowish brown. Med dense. Moist. Non-plastic. Alluvium.
	22'-20	1.3'		20'-22		
21.0						
22.0						

LAB
~~Drill Site~~ Geologist: K.J. Mathews Date: 4/28/87

Reviewed By: Joseph L. Reed Date: 1/9/87

EDR 7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0838

Borehole: B-20 Well Number: ___

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22.0						
	22'-24'	2.0'	N/A	22'-24'		
23.0						
24.0						
	24'-26'	2.0'		24'-26'		
25.0						
26.0					CL	CL - silty clay. ~45% silt. 2.5Y 4/4 olive brown med-dense. Non-plastic. Dry. Bedrock. Friable w. occasion block or orange deposits on fracture surfaces.
	26'-28'	2.0'		26'-28'		
27.0						
28.0						

LAB
~~Drill Site~~ Geologist: K. J. Mathews Date: 4/28/87

Reviewed By: Joseph L. Reed Date: 7/9/87

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7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0555

WELL CONSTRUCTION SUMMARY

Borehole EP-02 / Rpl. 27006 Well 27085
Project Name and Location RMA Task 26, NWI Sect 27 Project Number T25
Drilling Company Boyles Bros Driller _____ Rig Number IR
Drilling Method(s) 12¼" OD HS Augers

Borehole Diameter 12¼ in. _____ cm. 0 ft. _____ cm. to 47 ft. _____ cm.
— in. _____ cm. — ft. _____ cm. to — ft. _____ cm.

Size(s) and types of Bit(s) 7 7/8" Center Bit
Size and Type PVC 4" Sch. 40
Total Borehole Depth 47.0 ft. _____ cm.
Depth to Bedrock 45.5 ft. _____ cm.
Depth to Water 37.0 ft. _____ cm.
Water Level Determined By Cuttings
Length Plain PVC (total) 39.20 ft. _____ cm.
Length of Screen 16.53 ft. _____ cm.
Total Length of Well Casing 48.7 ft. _____ cm.
PVC Stick Up 1.66 1.76 ft. _____ cm.
Depth to Bottom of Screen 46.39 ft. _____ cm.
Depth to Top of Screen 30.82 ft. _____ cm.
Depth to Top of Sand 28.50 ft. _____ cm.
Depth to Top of Bentonite 20.0 ft. _____ cm.

Sampling Method(s) HS Auger
Date/Time Start Drilling 10/21/87 0855
Date/Time Finish Drilling 10/21/87 1430
Date/Time Start Completion 10/22/87 0845
Date/Time Cement Protective Casing 10/22/87
Materials Used
Plain PVC 39.20
Slotted PVC 16.53
Bentonite Pellets 4 buckets (2 on 16.)
Bentonite Granular 1 bag (bo 16)
Cement 10 bags (9 on 16.)
Sand 14.5 bags (14 on 16.)
Water added during completion 30 gal.
Water added during drilling 0 gal.
Total Gallons of water added 30 gal.

Drill Site Geologist A.E. Distelli Date 10/22/87

Date/Time/Personnel — Internal Mortar, Cement Pad, and Weep Hole Installed — INT MORTAR 11/12/87 1520 DLW/WTU; 11/13/87 1350 DLW/WTU
Date/Time/Personnel — Casing Painted 11/17/87 1050 DLW/WTU
Date/Time/Personnel — Numbers Painted 3-23-88 1435 BW/RR
Materials Used 12 bags of Quikrete

Top of Protective Casing to Top of PVC 0.5 ft. _____ cm.
Top of Protective Casing to Weep Hole 1.22 ft. _____ cm.
Top of Protective Casing to Internal Mortar 1.24 ft. _____ cm.
Top of Protective Casing to Top of Cement Pad 1.91 ft. _____ cm.
Top of Protective Casing to Ground Level 2.16 ft. _____ cm.

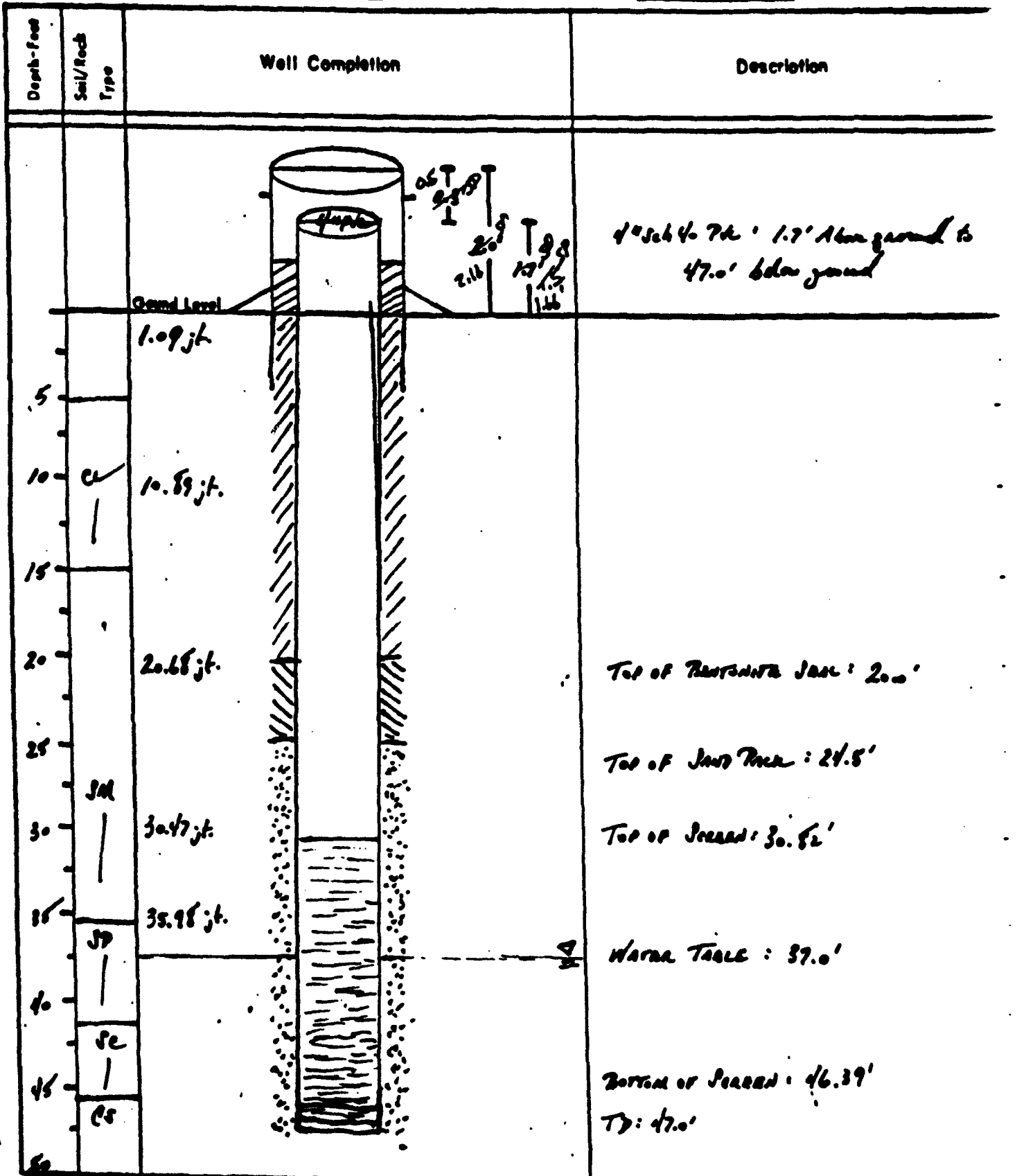
COMMENT/NOTES

Reviewed By [signature] Date 2/2/88
Drill Site Geologist _____ Date _____

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7339 SOUTH ALTON WAY • SUITE H-1
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PAGE 2 OF 2

Borehole: EP-02 Well: 27085



Drill Site Geologist: A.E. Diehl Date: 10/22/97

Reviewed By: [signature] Date: 2/2/98

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7333 SOUTH ALTON WAY • SUITE M-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-03 Rcpt 27011 Well 27086
Project Name and Location RMA Task 25, NW¼ Sect. 27 Project Number
Drilling Company Boyles Bros. Driller Da Lorme Rig Number IR
Drilling Method(s) 12¼" OD HS Auger

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 57 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 7⅞" Carbide Bit
Size and Type PVC 4" Sch 40 PVC
Total Borehole Depth 57.0 ft. cm.
Depth to Bedrock 56.0 ft. cm.
Depth to Water 36.0 ft. cm.
Water Level Determined By —
Length Plain PVC (total) 35.71 ft. cm.
Length of Screen 20.72 ft. cm.
Total Length of Well Casing 56.43 ft. 56.95 FT cm.
PVC Stick Up 1.0 ft. 0.95' FT cm.
Depth to Bottom of Screen 55.83 ft. cm.
Depth to Top of Screen 35.11 ft. cm.
Depth to Top of Sand 30.0 ft. cm.
Depth to Top of Bentonite 25.0 ft. cm.

Sampling Method(s) not sampled
Date/Time Start Drilling 10/23/87 0800
Date/Time Finish Drilling 10/23/87 1045
Date/Time Start Completion 10/23/87 1315
Date/Time Cement Protective Casing 10/26/87 0920
Materials Used
Plain PVC 35.71
Slotted PVC 21.24'
Bentonite Pellets 5 buckets (250 lb.)
Bentonite Granular 1¼ bg. (75 lb.)
Cement 12 bg. (1200 lb.)
Sand 15 bg. (1500 lb.)
Water added during completion 40 gal.
Water added during drilling 0
Total Gallons of water added 40 gal.

Drill Site Geologist A.E. Ostelli
Date 10/26/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed Int. Mortar 11/16/87 1520 + 22 Dawpa
PAD 11/17/87 1540 D Lew BWT
Date/Time/Personnel Casing Painted 11/17/87 1030 DLW & WTV
Date/Time/Personnel Numbers Painted 3/23/88 1425 BW & RR
Materials Used 12 Bags Bentonite

Top of Protective Casing to Top of PVC 0.57 ft. cm.
Top of Protective Casing to Weep Hole 0.89 ft. cm.
Top of Protective Casing to Internal Mortar 0.84 ft. cm.
Top of Protective Casing to Top of Cement Pad 0.97 ft. cm.
Top of Protective Casing to Ground Level 1.27 ft. cm.

COMMENT/NOTES

Reviewed By Steve Haas Date 2/2/88
Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0630

Borehole: ~~EP-02~~ EP-03 Well: 27086

Depth-Feet	Soil/Rock Type	Well Completion	Description
		6" Steel; 4" PVC; 0.5'; 1.26'; 0.95'; Ground Level	4" ID Sch 40 PVC: 0.95' above ground to 56.0' below surface
		5.34 Ft.	
10	CL	15.16 Ft.	
20		24.98 Ft.	Top of Bentonite: 25.0'
30		34.76 Ft.	Top of Sand: 30.0'
40	SC	45.3 Ft.	Top of Screen: 35.11' Water Level: 36.0'
50			Bottom of Screen: 55.83' TD: 56.0'
60	CS		
70			
80			
90			

Drill Site Geologist: A.E. Ortello Date: 10/26/87

Reviewed By: [signature] Date: 2/2/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7233 SOUTH ALTON WAY • SUITE M-1
ENGLEWOOD, COLORADO 80112 • 303/741-0030

WELL CONSTRUCTION SUMMARY

Borehole EP-04 Well EP-04 23231

Project Name and Location T-25 15' W of 23160 Project Number 17053 03810

Drilling Company Boyles Bros Driller Don Irwin Rig Number

Drilling Method(s) 12¼" Hollow Stem Auger

Borehole Diameter 12¼ in. ____ cm. Surface ft. ____ cm. to 26.4' ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Size and Type PVC 4"

Total Borehole Depth 26.66 26.6 ft. ____ cm.

Depth to Bedrock 26.' 26.8 ft. ____ cm.

Depth to Water ≈19.6' ft. ____ cm.

Water Level Determined By Abandoned Well

Length Plain PVC (total) 17.65 ft. ____ cm.

Length of Screen 10.71 ft. ____ cm.

Total Length of Well Casing 28.36 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 26.66 ft. ____ cm.

Depth to Top of Screen 15.95 ft. ____ cm.

Depth to Top of Sand 10.3 ft. ____ cm.

Depth to Top of Bentonite 6' ft. ____ cm.

Sampling Method(s) no Sampling

Date/Time Start Drilling 9/21/87 0854

Date/Time Finish Drilling 9/21/87 1024

Date/Time Start Completion 9/21/87 1024

Date/Time Cement Protective Casing 9/21/87 1138

Materials Used 5 Buckets BWL Bentonite Pellets

Plain PVC 1-10' 1-5' 1-odd piece

Slotted PVC 1-10'

Bentonite Pellets 5 Buckets

Bentonite Granular 15 lbs

Cement 3 Bags

Sand 10 Bags

Water added during completion 15 Gals (5 to wet Bentonite)

Water added during drilling 0

Total Gallons of water added 15 Gals

Drill Site Geologist Greg Lee Date 9/21/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/31/87 PSB

Date/Time/Personnel Casing Painted 10/5/87 1345 DLW

Date/Time/Personnel Numbers Painted 3/16/88 1403 SP

Materials Used 10 bags of concrete

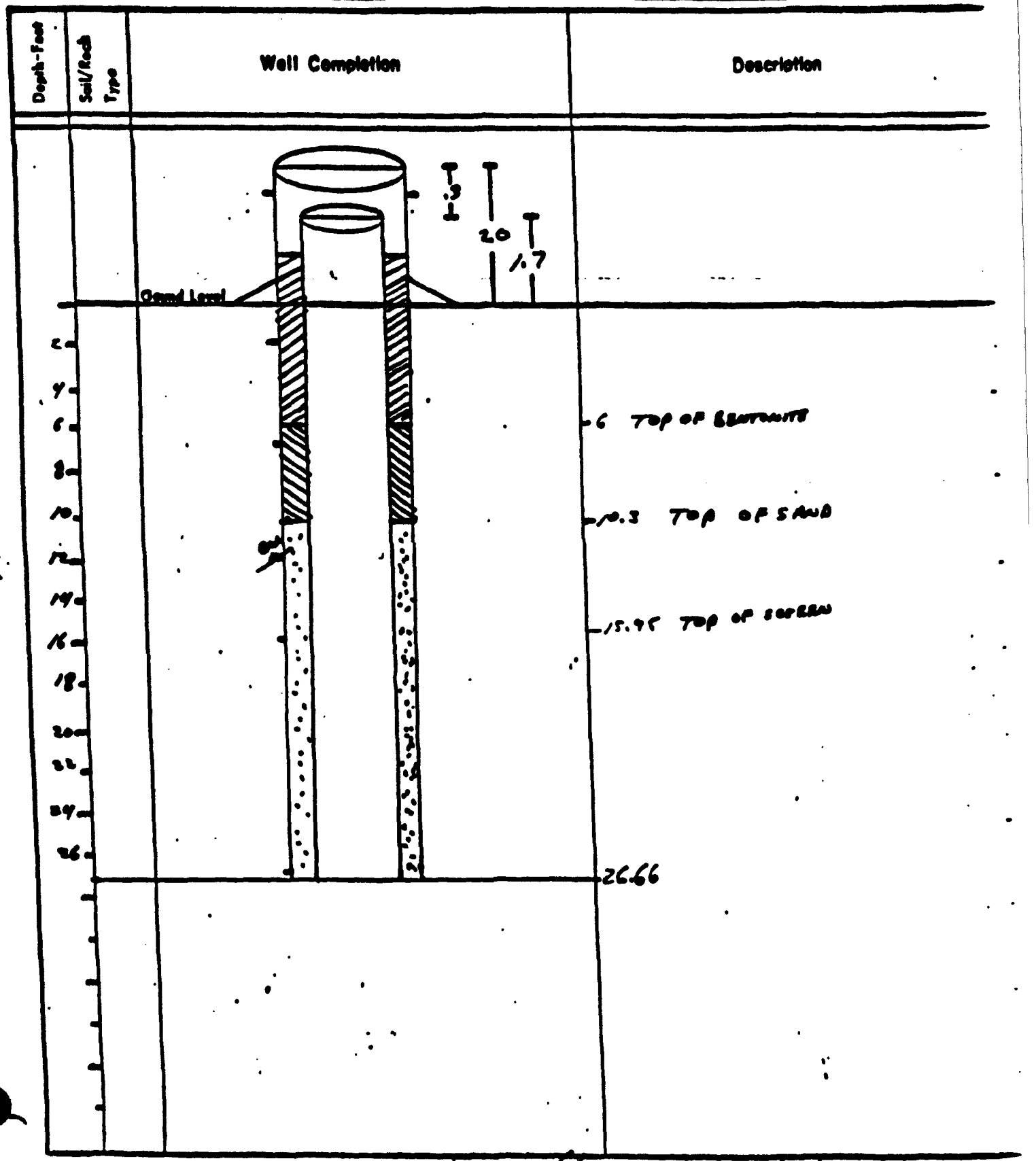
Top of Protective Casing to Top of PVC	.30 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.54 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.54 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.81 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.19 ft.	____ cm.	

Reviewed By [signature] Date 2/19/88

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7322 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0808

Borehole: EP-04 Well: GWL EP-04



Drill Site Geologist: Greg H Date: 2/21/27

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

No Log. (see 24115)
Replacement well

Borehole EP-11 Well 24199
Project Name and Location RMA T25, NE, NW, Sect. 24 Projec
Drilling Company Boyles Bros Driller Don Irwin Rig Number
Drilling Method(s) HS Augers

Borehole Diameter 12 1/4 in. cm. 0 ft. cm. to 29.5 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 7 7/8" center bit
Size and Type PVC 4" Sch 40
Total Borehole Depth 29.5 ft. cm.
Depth to Bedrock 28 ft. cm.
Depth to Water 12 ft. cm.
Water Level Determined By Cutting / bit inspection
Length Plain PVC (total) 9.82 ft. cm.
Length of Screen 20.52 ft. cm.
Total Length of Well Casing 31.19 ft. cm.
PVC Stick Up 1.7 ft. cm.
Depth to Bottom of Screen 29.0 ft. cm.
Depth to Top of Screen 8.48 ft. cm.
Depth to Top of Sand 5.0 ft. cm.
Depth to Top of Bentonite 2.5 ft. cm.

Sampling Method(s) Not Sampled at this time
Date/Time Start Drilling 9/10/87 0820
Date/Time Finish Drilling 9/10/87 0905
Date/Time Start Completion 9/10/87 0920
Date/Time Cement Protective Casing 9/10/87 1110
Materials Used
Plain PVC 10.12'
Slotted PVC 21.37'
Bentonite Pellets 2.5 buckets (125 lbs)
Bentonite Granular 2/10 bgs. (10 lbs)
Cement 2 bgs (180 lbs)
Sand 14 bgs (1400 lbs)
Water added during completion 70 gal.
Water added during drilling 0
Total Gallons of water added 70 gal

Drill Site Geologist A.K. Stiles
Date 9/10/87

CEMENT PAD 10/6/87 DLW & SMITH
INTERNAL MORTAR 10/9/87 DLW & SMC
WEEP HOLE 10/13/87 DLW & WTJ

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed
Date/Time/Personnel Casing Painted 10/5/87 / 1445 / DLW & KLC
Date/Time/Personnel Numbers Painted 10/13/87 / 1450 / DLW & WTJ
Materials Used 20 BAGS SIKCRETE

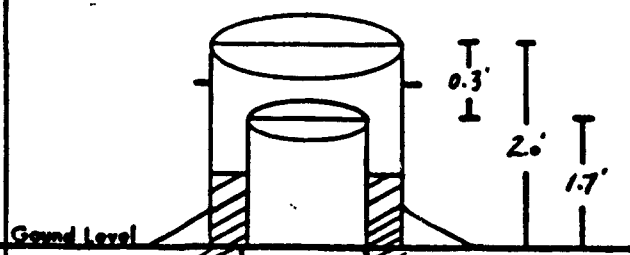
Top of Protective Casing to Top of PVC	0.3 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.20 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.21 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.50 ft.	cm.	
Top of Protective Casing to Ground Level	2.0 ft.	cm.	

Reviewed By [signature] Date 2/2/88
Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-11 Well: 24199

Depth-Feet	Soil/Rock Type	Well Completion	Description



Bentonite Pellets : 2½'

Sand Pack (10-20) : 5.0'

8.13' Tc.

10'

WT

Water Table @ 12'

18.67' Tr.

20'

Top of Screen : 8.48'

Bottom of Screen : 29.0'

Bedrock (CL) : 28'

30'

TD : 29.5'

Drill Site Geologist : V.L. Pitelli Date: 9/10/87

Reviewed By : [signature] Date: 2/2/88

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

BOREHOLE SUMMARY LOG

Borehole EP-111 Well 24199
Project Name and Location RMA / CWP Sect. 24 Project Number T25
Drilling Company Boyles Bros. Driller Don Irvine Rig Number IR
Drilling Method(s) Hollow Stem Auger w/ Center bit
Size(s) and type(s) of bit(s) 12 1/4" ID HS Auger, 7 7/8" Center bit
Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 28.5 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.
Sampling Methods No Samples Collected
Total Number Soil Sampling Tubes —
Total Number Core Boxes —
Number of Gallons Lost Drilling Fluid —
Date/Time Started Drilling 9-9-87 1005
Date/Time Completed Drilling 9-9-87 1046
Total Borehold Depth 28.5 ft. ____ cm.
Depth to Bedrock 28.0 ft. ____ cm.
Depth to Water 12.0 ft. ____ cm.
Water Level Determined By? Cuttings / Bit inspection
Borehole Completed as Monitoring Well? No
Date/Time Grouting Completed 9-9-87
Depth of Tremmie Pipe 28.0 ft.
Gallons of Grout 175
Materials Used 12 bags (10 to 16.) cement, 1 1/2 bag (62.5 lb) bentonite powder
Comments Hole was abandoned due to a well completion problem — 20' of 0.020" slot size screen broke off downhole.

Wellsite Geologist A.E. Ortelli Date 9-9-87
Checked for Grout Settlement on 9-10-87 by A.E. Ortelli
Amount of Grout Added 10 gallons
All Measurements from Ground Level
Reviewed by [signature] Date 4/6/88
Drill Site Geologist A.E. Ortelli Date 9-9-87

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

WELL CONSTRUCTION SUMMARY

Borehole EP-13A Well 24200

Project Name and Location RMA Task 25 / Sect 24 Project Number

Drilling Company Boyles Bros Driller Don Lewis Rig Number IR

Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. ___ cm. 0 ft. ___ cm. to 42 ft. ___ cm.
___ in. ___ cm. ___ ft. ___ cm. to ___ ft. ___ cm.

Size(s) and types of Bit(s) 7 7/8" Center Bit

Size and Type PVC 4" Sch 40

Total Borehole Depth	43 ft. ___ cm.	Sampling Method(s)	Pavement Sampler
Depth to Bedrock	42 ft. ___ cm.	Date/Time Start Drilling	9/14/87 1412
Depth to Water	25 ft. ___ cm.	Date/Time Finish Drilling	9/10/87 1630
Water Level Determined By	Cuttings	Date/Time Start Completion	9/14/87 0815
Length Plain PVC (total)	21.81 ft. ___ cm.	Date/Time Cement Protective Casing	9/14/87 1220
Length of Screen	20.52 ft. ___ cm.	Materials Used	
Total Length of Well Casing	43.7 ft. ___ cm.	Plain PVC	21.81'
PVC Stick Up	1.7 ft. ___ cm.	Slotted PVC	21.37'
Depth to Bottom of Screen	41.5 ft. ___ cm.	Bentonite Pellets	7 buckets (350 lbs)
Depth to Top of Screen	20.98 ft. ___ cm.	Bentonite Granular	6 bags (30 lbs)
Depth to Top of Sand	16 ft. ___ cm.	Cement	6 bags (540 lbs)
Depth to Top of Bentonite	11 ft. ___ cm.	Sand	18 bags (1800 lbs)
		Water added during completion	45 gal.
		Water added during drilling	
		Total Gallons of water added	45 gal.

Drill Site Geologist A. Ortelli Date 9/14/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed CEMENT PAD 9/21/87 PJB; INTERNAL MORTAR 10/9/87 DLW; WEEP HOLE 10/13/87 DLW

Date/Time/Personnel Casing Painted 10/5/87 / 1459 / DLW & KLC

Date/Time/Personnel Numbers Painted 10/13/87 / 1100 / WTV & DLW

Materials Used 12 BAGS SACRETE.

Top of Protective Casing to Top of PVC	0.31 ft. ___ cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	1.35 ft. ___ cm.		
Top of Protective Casing to Internal Mortar	1.39 ft. ___ cm.		
Top of Protective Casing to Top of Cement Pad	1.58 ft. ___ cm.		
Top of Protective Casing to Ground Level	2.0 ft. ___ cm.		

Reviewed By [signature] Date 2/2/88

Drill Site Geologist ___ Date ___

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7935 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-13 Well: 02400

Depth-Feet	Soil/Rock Type	Well Completion	Description
		0.31' 2.0' 1.7' Ground Level	
		0.52 Ft.	
5'			
10'		10.56 Ft.	TOP OF BENTONITE: 11.0'
15'			TOP OF SAND PACK: 16.0'
20'		20.63 Ft.	TOP OF SCREEN: 20.98'
25'		$\bar{\Delta}$ WT	WATER @ ~25'
30'		31.15 Ft.	
35'			
40'			BOTTOM OF SCREEN 41.5'
			TD: 42.0'
			BEDROCK: 42.0'
45'			

Drill Site Geologist: A.E. Gintell's Date: 9/14/87

Reviewed By: [signature] Date: 2/2/88

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WELL CONSTRUCTION SUMMARY

Borehole EP-14A Well 24201
Project Name and Location RMA Task 25 / Sect. 24 (Regd. 24on9) Project Number T25
Drilling Company Boyles Bros. Driller Don Erwin Rig Number IR
Drilling Method(s) HS Auger

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 47 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 7 7/8" Center Bit
Size and Type PVC 4" Sch 40
Total Borehole Depth 46.98 ft. ____ cm.
Depth to Bedrock 45.0 ft. ____ cm.
Depth to Water 21.5 ft. ____ cm.
Water Level Determined By tape depth to H2O
Length Plain PVC (total) 21.77 ft. ____ cm.
Length of Screen 26.91 ft. ____ cm.
Total Length of Well Casing 48.68 ft. ____ cm.
PVC Stick Up 1.70 ft. ____ cm.
Depth to Bottom of Screen 46.48 ft. ____ cm.
Depth to Top of Screen 20.42 ft. ____ cm.
Depth to Top of Sand 15.0 ft. ____ cm.
Depth to Top of Bentonite 10.0 ft. ____ cm.

Sampling Method(s) Previously Sampled
Date/Time Start Drilling 9/15/87 0851
Date/Time Finish Drilling 9/15/87 1345
Date/Time Start Completion 9/16/87 1145
Date/Time Cement Protective Casing 9/16/87 1445
Materials Used
Plain PVC 49 ~~47~~ to 21.77'
Slotted PVC 26.91'
Bentonite Pellets 6 buckets (30 lb)
Bentonite Granular 6/10 bags (30 lb)
Cement 6 bags (540 lb.)
Sand 17 bags (1700 lb.)
Water added during completion 15 gal
Water added during drilling 0
Total Gallons of water added 15 gal

Drill Site Geologist A.E. Stubbs Date 9/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed CEMENT PAD 9/21/87 PJB; INT. MORTAR & WEEP HOLE 10/9/87 DLW & SMM
Date/Time/Personnel Casing Painted 10/1/87 PJB
Date/Time/Personnel Numbers Painted 10/13/87 WTV, DLW
Materials Used ≈ 14 Bags concrete

Top of Protective Casing to Top of PVC 0.3 ft. ____ cm.
Top of Protective Casing to Weep Hole 1.47 ft. ____ cm.
Top of Protective Casing to Internal Mortar 1.52 ft. ____ cm.
Top of Protective Casing to Top ofCement Pad 1.40 ft. ____ cm.
Top of Protective Casing to Ground Level 2.0 ft. ____ cm.

COMMENT/NOTES

Reviewed By [signature] Date 2/2/88
Drill Site Geologist ____ Date ____

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Borehole: EP-14 Well: 24201

Depth-Feet	Soil/Rock Type	Well Completion	Description
		0.3' 2.0' 1.7'	
		Ground Level 0.0 Ft	
5			
10		10.03 Ft.	BENTONITE SEAL : 10.0'
15			SAND PACK : 15.0'
20		20.07 Ft	TOP OF SCREEN : 20.42'
		Δ WT	WATER TABLE @ 21.5'
25		25.58 Ft.	
30			
35		36.11 Ft.	
40			
45			BOTTOM OF SCREEN : 46.48'
			BEDROCK : 45.0'
50			TD : 46.98'

Drill Site Geologist : A.R. Ostella Date: 9/16/87

Reviewed By : [signature] Date: 2/2/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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Borehole: EP-19A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1	1.6/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	ML	Silt, 2.5Y5/2, grayish brown, dry, very loose some quartz pebbles.
					.75	
2					CL	Silty clay, 20% silt, low plasticity, 2.5Y 6/2 light brownish gray, dry, stiff grading down to medium stiff.
3	2	1.8/2.0'				
					2.9	
4					SM	Silty sand, 10-15% silt, poorly sorted fine grained w/ 5% medium grains, rounded, 2.5Y 5/4 light olive brown, dry, loose.
5	3	1.5/2.0'				Better sorting of sand w/ depth (95% fine-medium) Moisture increases w/ depth.
6					6.0	
7						No recovery from 6-14 ft. Cuttings from auger indicate plastic clays w/ occasional silty and sandy zones.
8					CL	Mostly CL, some ML/SC
9		NONE				
10						

Drill Site Geologist: [signature] Date: 7/09/87

Reviewed By: Date:

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7300 SOUTH ALTON WAY • SUITE H-1
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Borehole: EP-19A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11		NONE	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	No recovery from 6-14 ft. Cuttings from auger indicate plastic clays w/ occasional silty & sandy zones. Mostly CL w/ some ML/SC
12						
13						Sands, fine/medium grained near base of this interval.
14					M.0	
15	4	1.95'/2.0'			SW M.9	Sand, medium grained, well sorted, sub-rounded 2.5Y 5/4 light olive brown, moist, stiff, very occasional medium/coarse grains.
16					CL	Sandy clay, 25% sand, fine to medium grained sand, 2.5Y 5/4 light olive brown, moist, stiff
17		0.2'/2.0'			CL	Poor recovery 16.0-18.0 (0.2'/2.0') Sandy clay like above, moist.
18						
19		NONE			CL	No recovery from 18.0-20.0 Sandy clay - based on intervals above & below.
20					20.0	
	5				CL	Sandy clay, 15% sand, med. to coarse grains of quartz and white feldspar, 2.5Y 5/4 light olive brown, moist

Drill Site Geologist: [signature] Date: 7/09/87

Reviewed By: [signature] Date: [illegible]

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Borehole: EP-19A Well Number:

Depth-Feet	Tube Number / Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	5	2.0'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	Sandy clay, 15% sand, medium to coarse grains of quartz & feldspar, 2.5 Y 5/4 light olive brown, moist, larger grains concentrated towards bottom of interval. Some white powdery carbonaceous clasts.
22					22.0	
22	6	2.0'/2.0'			CL	Pebbly & Sandy clay; occasional quartz pebbles up to 20 mm, 5-10% quartz & feldspar content w/ feldspars up to granule size, sand grains are very coarse to medium size, well rounded, occasional hematitic grains, 2.5 Y 4/4 olive brown, moist, stiff.
24		9"/2.0'				Fewer granules & sand grains with depth. Color grades to 2.5 Y 6/4 lt. yellowish brown. White powdery (carbonaceous) clay clasts/pebbles at 26.0'.
25	7	16"/2.0' 1.7				
27					27.1	
28	8	2.2'/2.2'			CL	Sandy clay, 60% sand/40% clay w/ many small (0.5-1.0 mm) lenses or clasts of pure clay, very homogeneous otherwise. Some Fe stains, sand is very fine grained, well sorted, 2.5 Y 6/6 olive yellow w/ clay clasts being 2.5 Y 7/2 light gray. Moist, stiff.
29	9	1.75'/2.0' 1.75				
30					30.6	
						TOTAL DEPTH 30.6'

Drill Site Geologist: Geoff C. Wood Date: 7/21/87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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BOREHOLE SUMMARY LOG

Borehole EP 19 Well

Project Name and Location Task 36 MW Installation Project Number 17053 074 11

Drilling Company Boyles Driller Boyles Roach Rig Number Failing 1500

Drilling Method(s) rotary -

Size(s) and type(s) of bit(s) 3 7/8" rock, 12 1/4" auger

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.

3 7/8 in. ____ cm. 30 ft. ____ cm. to 135 ft. ____ cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes -

Total Number Core Boxes 11

Number of Gallons Lost Drilling Fluid 200 gals.

Date/Time Started Drilling 6·24·87 0805

Date/Time Completed Drilling 6·25·87 0920

Total Borehold Depth ~~260 cm~~ 135 ft. ____ cm.

Depth to Bedrock 26 ft. ____ cm.

Depth to Water 25 ft. ____ cm.

Water Level Determined By? visual

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 6·25·87 1300

Depth of Tremmie Pipe 138' (hole caved to there)

Gallons of Grout 100

Materials Used 10 bags cement, 100 gals. water, 1/2 bag bentonite

Comments

hole grouted to surface, casing pulled

Wellsite Geologist C Benson Date 6·25·87

Checked for Grout Settlement on ____ by ____

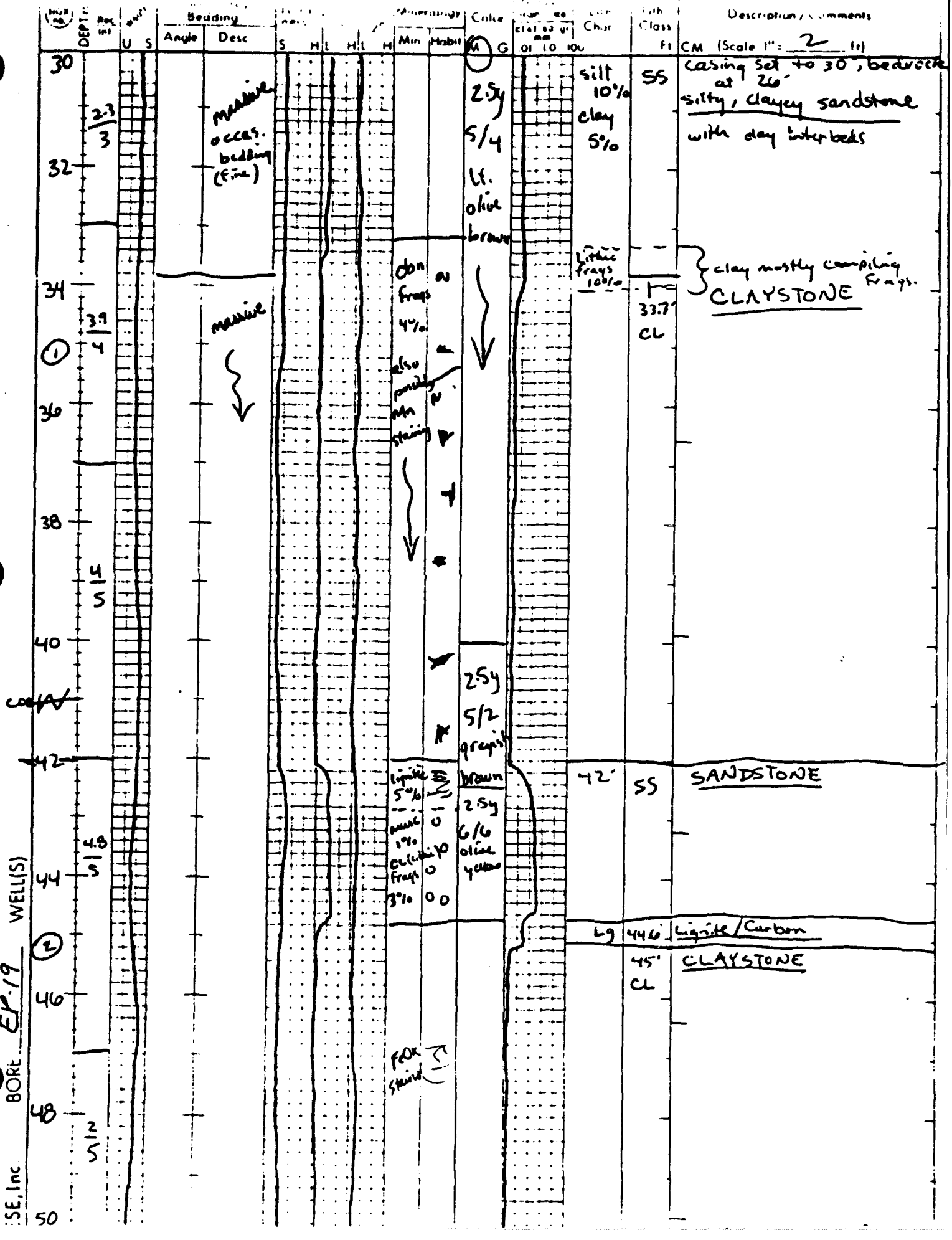
Amount of Grout Added ____

All Measurements from Ground Level

Reviewed by ____ Date ____

Drill Site Geologist ____ Date ____

ESE, Inc. CORE LOG COB Date 6-25-87 BORE EP-19 Well(s) _____ Page 1 of 2



Description / Comments

CM (Scale 1" = 2 ft)

Angle Desc

Main Habit

Color

Class Ft

52

54

56

60

62

64

66

68

70

2.5/2.5

4.7/5

5/5

4.7/5

2.5Y N5/0 gray

CL

oxidation boundary at 50'

CLAYSTONE

sandy 5%

59'

59.8'

sandy claystone interbed

sandy 5%

62'

Siltstone

clay 5%

sand 10%

64.5 St

68 SS

SANDSTONE

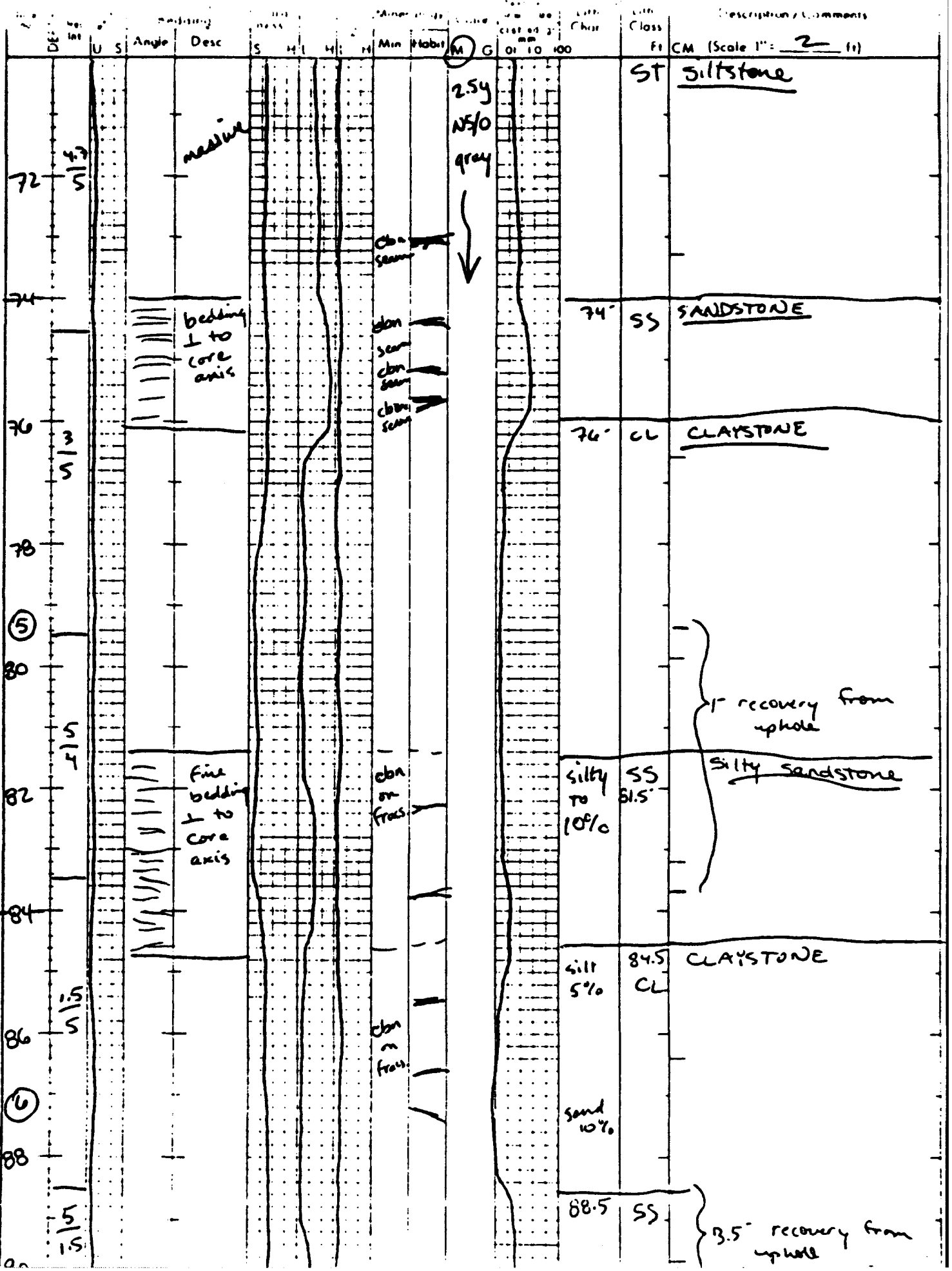
coarser - 15% gravel

occas. fine bedding visible

clay 2%

BORE EP-19 WELL(S)

ESE, Inc.


Angle
Desc
Min
Habit
M
G
Lith Class
Ft
CM (Scale 1" = 2 ft)
ST
Siltstone
massive
2.5Y N5/0 gray
clay seam
74'
SS
SANDSTONE
bedding ⊥ to core axis
76'
CL
CLAYSTONE
clay seam
clay seams
78
(5)
80
1' recovery from uphole
fine bedding ⊥ to core axis
clay on fracs
82
silty to 10%
SS
81.5'
Silty Sandstone
84
84.5
CL
CLAYSTONE
silt 5%
clay on fracs
86
(6)
sand 10%
88
88.5
SS
3.5' recovery from uphole
WELL(S)
BORE EP19
ESE, Inc

Description / Comments

Scale 1" = 2 ft

Ft	CM	Description
92	SS	SANDSTONE
94	CL	CLAYSTONE
96	SS	SANDSTONE
98	SS	SANDSTONE
100	CL	CLAYSTONE
102	SS	SANDSTONE
104		
106		
108		
110		

Fine to coarse bedding ⊥ to core axis

clay on frac. & bedding planes

2.5y N6/0 gray

silt & clay 5%

95'

massive

clay frags 1%

vuggy 3/8" diam

vuggy at 20°

90'

2.5y N2/0 black

"volcanic-looking"
↓
almost lithic tuff appearance

mica 3%
ksper 10%
qtz. 80%
mica 7%

2.5y N6/0 gray

103'

clasts to 10% perpendicular

109'

"volcanic-looking"

5/5 5/5 4.8/5 0/5

BORE EP-19 WELL(S)

ESE, Inc

Description / Comments

CM (Scale 1" = 2 ft)

Class

Chart

Color

Min Hab

Angle Dir

Core

BORE EP-19 WELL(S)

ESE, Inc

112 — 3.8/5

114

3.8/1

116

3.8/4

118

(9)

120

122 — 2/5

124

126

(10) 5/5

128

130

coarse bedding

lignite

fine laser fragments

very dk. gray

occ. lg. (2+) clay frags

occas. coarse bedding

massive

2.5Y N3/0

2.5Y N6/0

5Y 5/2 olive gray

SS SANDSTONE

116' CLAYSTONE

bioturbations

CL

119.6' SANDSTONE

SS

lithic frags. (shaley, rounded) ≈ 10% of rock

122

122.4

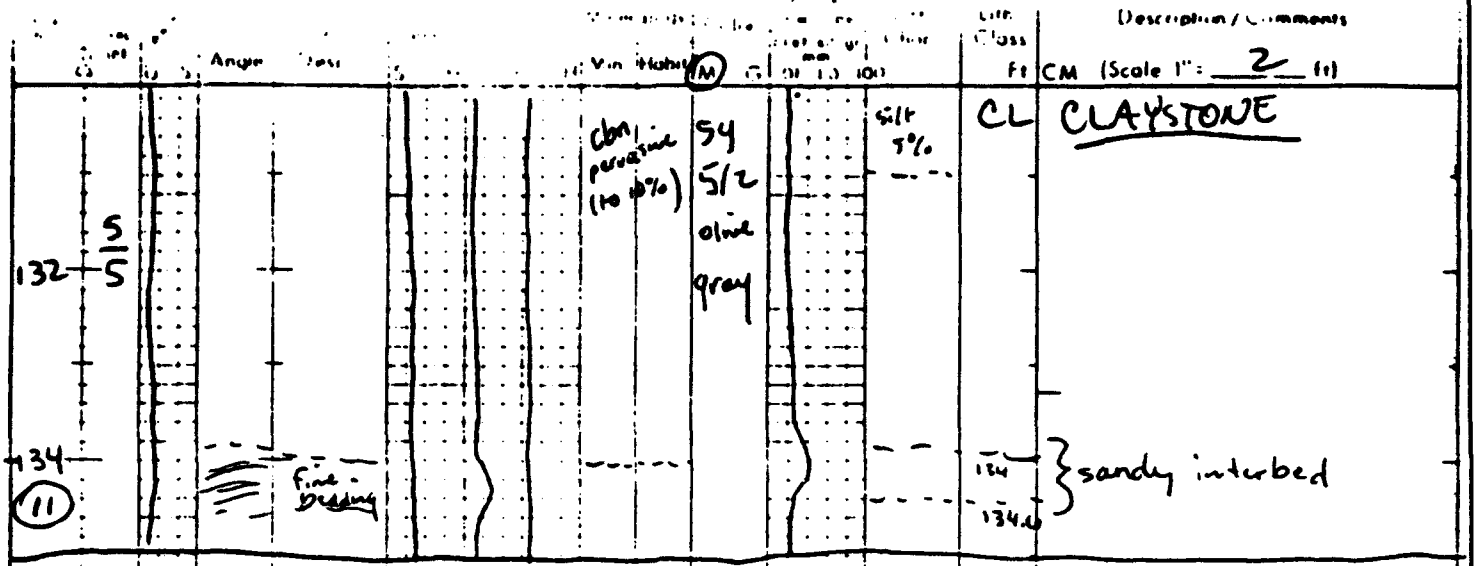
125'

sandstone coarser - almost gravel size

126.6'

126.6' CL CLAYSTONE

ESE, Inc. COB Date 6-25-87 Well(s) EP-19 Page 6 of 6



Total Depth
135'

BORE EP-19 WELL(S)

ESE, Inc.

Frontier Logging
Lakewood, Colorado

Date JUNE 25, 1987

Well ESE
Log EP-19
Project RMA
County ADAMS COUNTY
State COLORADO
Township
Range
Elevation
Log Measured From Ground Level
Drilling Measured From Ground Level
Location Lakewood

Driller Depth 135 FT
Bit Size 3 7/8"
Casing Driller 30 FT
Fluid in Hole Water
Density/Viscosity
pH
Miles Round Trip
Standby
Time In 0935
Time Out 1035
Unit No. 110
Operator Wm Linton

EQUIPMENT DATA

Logged 129 FT
Natural Gamma 00 Scale: 20 CPS per inch
Constant 2 Sec
Logging Speed 15 Ft/Min
Source Amount CPS
No. 03-1041
Probe Diameter 1 5/8"
Probe Size xtal 3/4 x 1/4"
Size 60 x 10⁻⁵
Dead Time 7 Microsec
Gain Factor 1.10
for hole size 3 7/8"
Mag Factor
for well fluid
Resistance 25 ohms/5" Ohms per 5 inches
SP 20 MV/Inch MV per inch

NATURAL GAMMA RERUNS (ANALOG)
(initial log off scale)

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

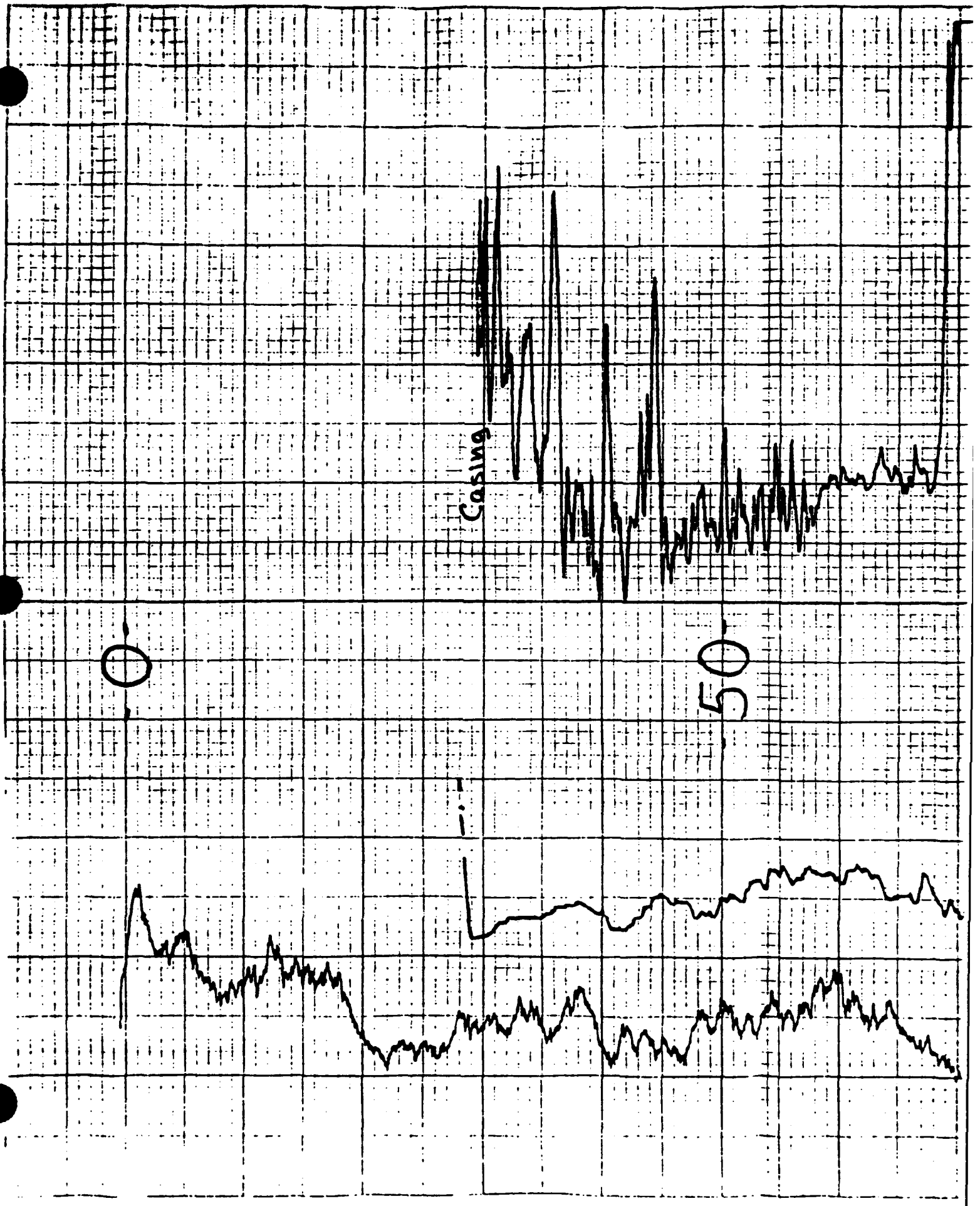
Gamma (Analog) Ft
Gamma (Digital) Ft
Caliper Ft
Temperature Ft

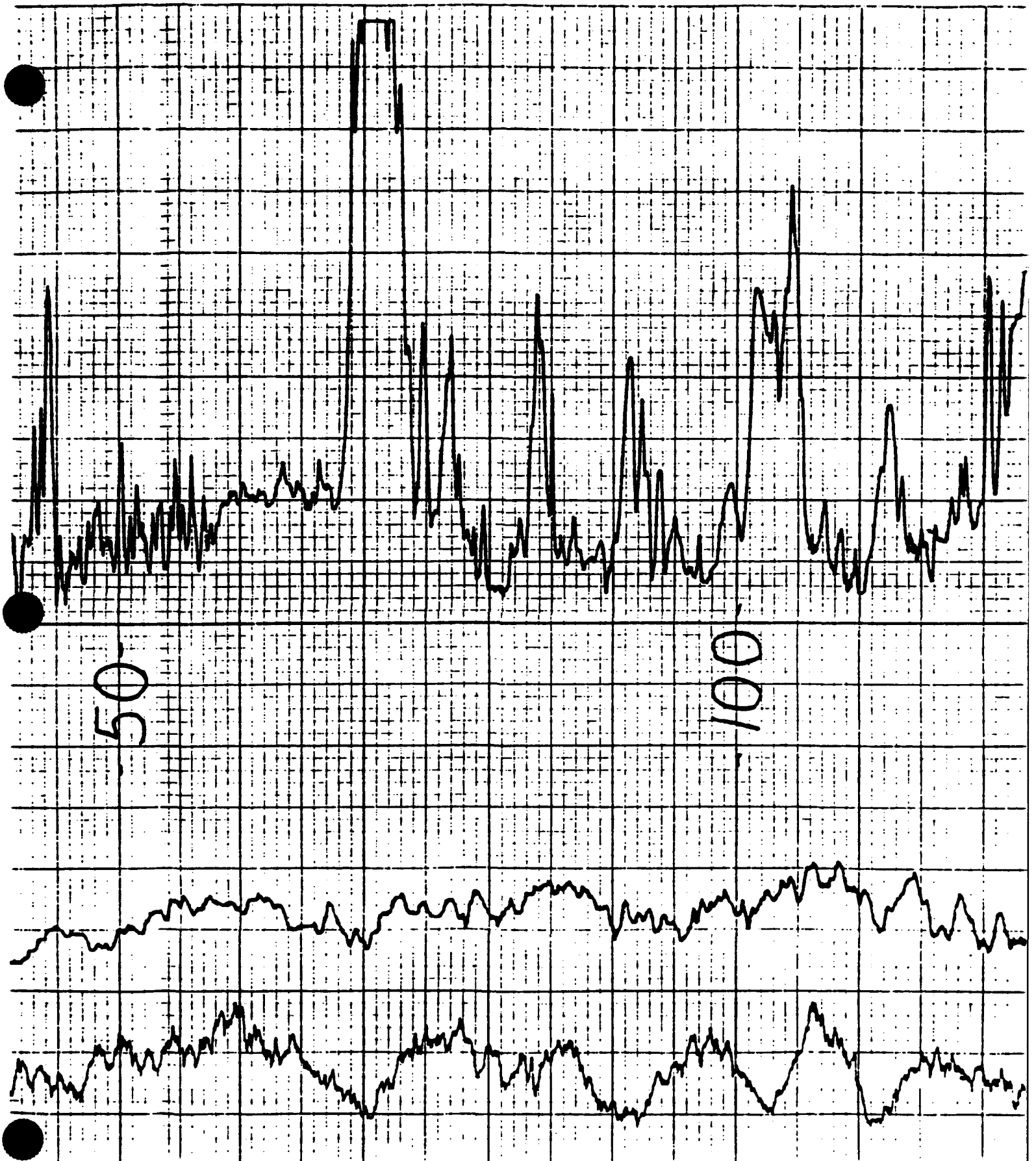
DIRECTIONAL DATA

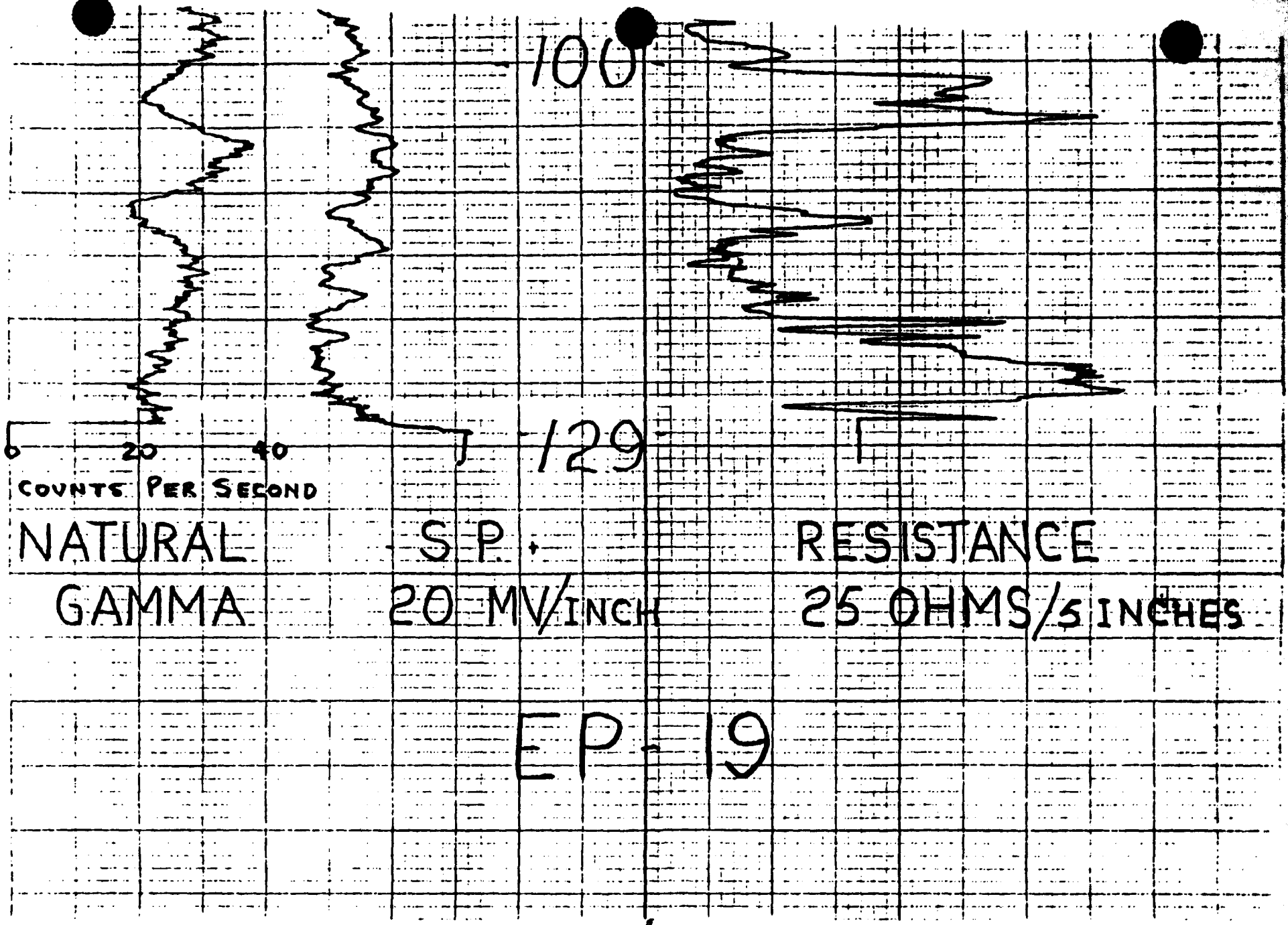
Closure Ft
Azimuth
True Vertical Ft
Survey Depth Ft

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

NATURAL GAMMA 20 CPS (Initial Log) | S.P. - 20 MV + | - | RESISTANCE 25 OHMS/ 5 Inches


Casing
0'
50'


50
100


100
129
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P.
20 MV/INCH
RESISTANCE
25 OHMS/5 INCHES
EP-19

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

WELL CONSTRUCTION SUMMARY

Borehole EP-20 7-1 Well 23226
Project Name and Location RMA TASK 36, NE, NE, Sect. 23 Project Number
Drilling Company Boyles Bros Driller Don Lewis Rig Number IR
Drilling Method(s) 12 1/4" Auger, 7 7/8" Rotary

Borehole Diameter 12 1/4 in. cm. 0 ft. cm. to 20 ft. cm.
7 7/8 in. cm. 20 ft. cm. to 38.5 ft. cm.

Size(s) and types of Bit(s) 12 1/4" OD Arona
7 7/8" OD Reley
Size and Type PVC 4" Sch 40
Total Borehole Depth 38.5 ft. cm.
Depth to Bedrock 18.5 ft. cm.
Depth to Water 17.6 ft. cm.
Water Level Determined By Sampling 7/14/87
Length Plain PVC (total) 37.2 ft. 26.33 ft. ~~cm.~~
Length of Screen 10.87 ft. cm.
Total Length of Well Casing 37.2 ft. cm.
PVC Stick Up 1.7 ft. cm.
Depth to Bottom of Screen 36.67 ft. cm.
Depth to Top of Screen 24.98 ft. cm.
Depth to Top of Sand 23 ft. cm.
Depth to Top of Bentonite 18 ft. cm.

Sampling Method(s) ~~Auger~~ R.A. Sampler 7/14/87
Date/Time Start Drilling 8/18/87 1050
Date/Time Finish Drilling 8/19/87 1135
Date/Time Start Completion 8/18/87 1355
Date/Time Cement Protective Casing 8/19/87 1415
Materials Used
Plain PVC 15 @ 3.0'
Slotted PVC 10'
Bentonite Pellets 1 1/4 Bucket
Bentonite Granular 3/4 bag
Cement 3 bags
Sand 3 bags
Water added during completion ϕ
Water added during drilling ϕ
Total Gallons of water added ϕ

Drill Site Geologist A.E Ortelli Date 8/19/87

WEEP HOLE 10/27/87 1415 DLW & WTV

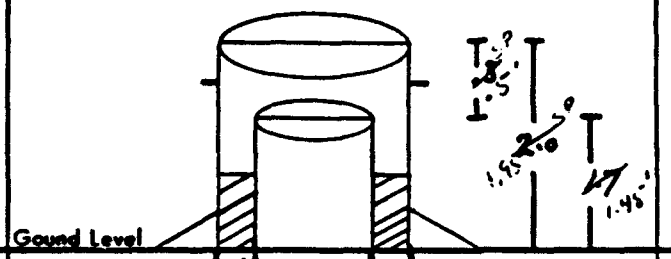
Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD 9/10/87 0930 DLW & SMH
Date/Time/Personnel Casing Painted 9/21/87 1200 DLW & SMH Repainted 10/27/87 1400 DLW & WTV
Date/Time/Personnel Numbers Painted 10/28/87 DLW & WTV
Materials Used 15 BAGS SACRETE

Top of Protective Casing to Top of PVC	0.50 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.40 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.55 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.70 ft.	cm.	
Top of Protective Casing to Ground Level	1.95 ft.	cm.	

Reviewed By [signature] Date 12/1/87
Drill Site Geologist [signature] Date 8/19/87

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

Borehole: EP-20 D-1 Well: 2326

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5		3.43 jt	
10			
15		N.51 jt	4" PVC to 35.5 ft.
20			8½" Steel casing to 20 ft.
25		24.63 jt	Top of Bentonite: 18 ft.
			Top of Sand pack: 23 ft.
			Top of Screen: 24.98 ft.
30			TOTAL DEPTH: 38.5
35			
40			

Drill Site Geologist: A.E. Urbelis Date: 8/19/87

Reviewed By: L. Davis Date: 11/19/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP: 20 D2 Well 23236

Project Name and Location RAD OU1 EAST MW INSTALLATION NE SEC. 23 Project Number TASK 36

Drilling Company BOYLES BROS. Driller JOE ROACH Rig Number FAILING 500

Drilling Method(s) ROTARY

Borehole Diameter 16 1/2 in. ____ cm. 0 ft. ____ cm. to 21 ft. ____ cm.
11 3/4 in. ____ cm. 21 ft. ____ cm. to 41.54 ft. ____ cm.
7 7/8 in 41.54 ft to 58.7 ft.

Size(s) and types of Bit(s) 16 1/2" HOLE DIT
11 3/4" HOLE DIT, 7 7/8" HOLE DIT

Size and Type PVC 4" SCHEDULE 40

Total Borehole Depth	58.7 ft. ____ cm.	Sampling Method(s)	Not sampled.
Depth to Bedrock	18.5 ft. ____ cm.	Date/Time Start Drilling	12/18/87 / 0950
Depth to Water	42.6 ft. S.P. ____ cm.	Date/Time Finish Drilling	12/22/87 / 1000
Water Level Determined By	Sink log.	Date/Time Start Completion	12/22/87 / 1030
Length Plain PVC (total)	52.46 ft. ____ cm.	Date/Time Cement Protective Casing	12/21/87 1145
Length of Screen	5.64 ft. ____ cm.	Materials Used	13 3/4" O.D. STEEL CASING - 20 FT.
Total Length of Well Casing	57.60 ft. ____ cm.	Plain PVC	52.96 ft.
PVC Stick Up	1.47 ft. ____ cm.	Slotted PVC	5.64 ft (screen + endcap)
Depth to Bottom of Screen	58.13 ft. ____ cm.	Bentonite Pellets	1 1/4 buckets
Depth to Top of Screen	52.49 ft. ____ cm.	Bentonite Granular	2.7 bags (135 lbs)
Depth to Top of Sand	48.83 ft. ____ cm.	Cement	26.5 bags.
Depth to Top of Bentonite	43.76 ft. ____ cm.	Sand	2 bags.
		Water added during completion	5.0 gallons.
		Water added during drilling	—
		Total Gallons of water added	5.0 gl

Drill Site Geologist [signature] Date 12/23/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ____

Date/Time/Personnel Casing Painted ____

Date/Time/Personnel Numbers Painted ____

Materials Used ____

Top of Protective Casing to Top of PVC	____ ft.	____ cm.	COMMENT/NOTES
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.	____

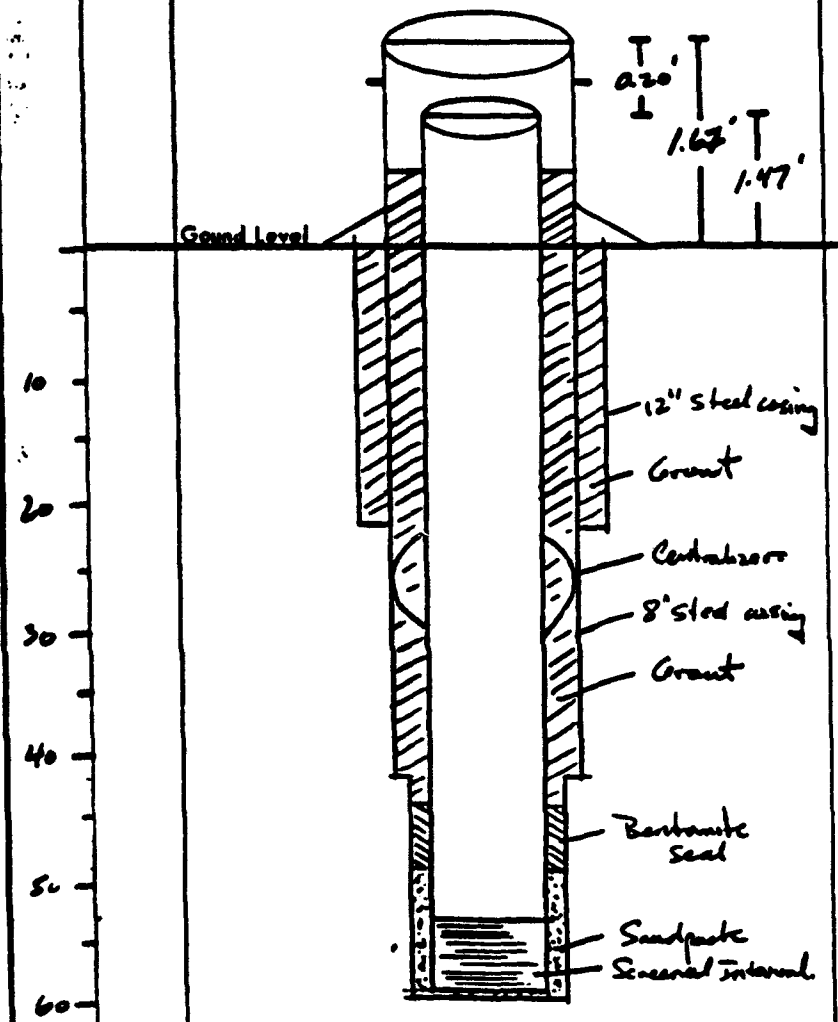
Reviewed By ____ Date ____

Drill Site Geologist [signature] Date 12/23/87

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7500 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-20 D2 Well: _____

Depth-Feet	Soil/Rock Type	Well Completion	Description



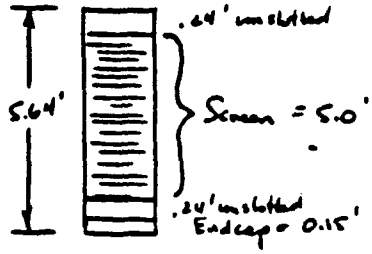
Bottom of 12" steel casing = 21' (12¾" OD)

Centralizer @ 27.3'

Bottom of 8" steel casing = 41.54' (8⅝" OD)
Top of Bentonite = 43.76'

Top of Sand = 49.83'
Top of Screen = 52.49'
Bottom of Screen = 58.13'
Total Borehole Depth = 58.7'

Screen Detail: (not to scale)



Drill Site Geologist: _____ Date: 12/23/87

Reviewed By: _____ Date: _____

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7332 SOUTH ALTON WAY • SUITE H-1
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BOREHOLE SUMMARY LOG

Borehole EP-20A Well 23226, 23236

Project Name and Location RMA Section 23 NE¼ Project Number Task 36

Drilling Company Boyles Bros Driller Don Irvine Rig Number IR

Drilling Method(s) Hollow stem Auger 3¼" ID, 5½" OD Continuous Sampling

Size(s) and type(s) of bit(s) 6¼ SP above

Borehole Diameter 6¼ SP in. ____ cm. 0.0 ft. ____ cm. to 35.5' ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Sampling Methods Mobile Continuous Sampling

Total Number Soil Sampling Tubes 26' of 2"

Total Number Core Boxes 4

Number of Gallons Lost Drilling Fluid none

Date/Time Started Drilling 7/10/87 0755

Date/Time Completed Drilling 7/13/87 1335

Total Borehold Depth 35.5' ft. ____ cm.

Depth to Bedrock 18.8 ft. ____ cm.

Depth to Water 13.2 ft. ____ cm.

Water Level Determined By? Sample

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 7/13/87 1443

Depth of Tremmie Pipe 35.5'

Gallons of Grout 116

Materials Used 8 bags Cement, 80 gal H_2O, 40 lb SP Bentonite

Comments grouted to ground surface

Wellsite Geologist [signature] Date 7/24/87

Checked for Grout Settlement on 7/27/87 by [signature]

Amount of Grout Added none

All Measurements from Ground Level

Reviewed by [signature] Date [illegible]

Drill Site Geologist [signature] Date 2/16/88

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SHEET 1 OF 2

Borehole: EP-20A 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'	1.4'/2.0'	SAME AS Tube Number	0.0'-2.0'	ML	Silt, 10YR 4/3, brown, dry, very loose low plastic
2						
3		0.0'/2.0'		2.0'-4.0'		
4	2 4.0'-5.0'	1.0'/1.0'		4.0'-5.0'		
5					CL	Clay, 15% sand, fine to coarse grained, 10YR 5/3, brown, medium stiff, moist, low plastic
6	3 5.0'-7.0'	1.2'/2.0'		5.0'-7.0'		color change at 6.0' to 10YR 4/6, dark yellowish brown, grain size of sand also increases to very coarse grained
7						
8	4 7.0'-9.0'	1.1'/2.0'		7.0'-9.0'		% sand increases to 25% at 8.0', very calcareous at 8.0' to 9.0'
9						
10	5 9.0'-11.0'	0.9'/2.0'		9.0'-11.0'		

Drill Site Geologist: Steve Davis / DAVE West Date: 7/14/87

Reviewed By: Joseph L. Reed Date: 7/21/87

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

Borehole: EP-20A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
10.5		5/0	same as tube run in	5/0	CL	CLAY
11	6 11.0'-12.0'	0.9/1.0		11.0'-12.0'		
12					SC	Clayey Sand, 15% clay, fine to very coarse grained sand, 5% gravels, 10 YR 4/4, dark yellowish brown, moist, medium dense, non plastic
13	7 13.0'-14.0'	0.0/2.0'		13.0'-14.0'		
14					SP GM	~~Poorly Sorted~~ Silty gravel, 20% silt, small to large gravels 10% clay, 10 YR 5/4, yellowish brown, moist, dense,
15	15.5'-17.5'	0.0/2.0'		15.5'-17.5'		
16						
17	8 16.0'-18.0'	1.2/2.0		16.5'-18.0'	SP	Poorly graded sand, medium to very coarse grained sand, 15% small gravels, 10 YR 5/4, yellowish brown, wet, dense, saturated at 17.5'
18						18.5 Claystone Bedrock, see core Log
19						
20						

Drill Site Geologist: Steve Pavlo Date: 7/14/87

Reviewed By: Joseph L. Rael Date: 7/21/87

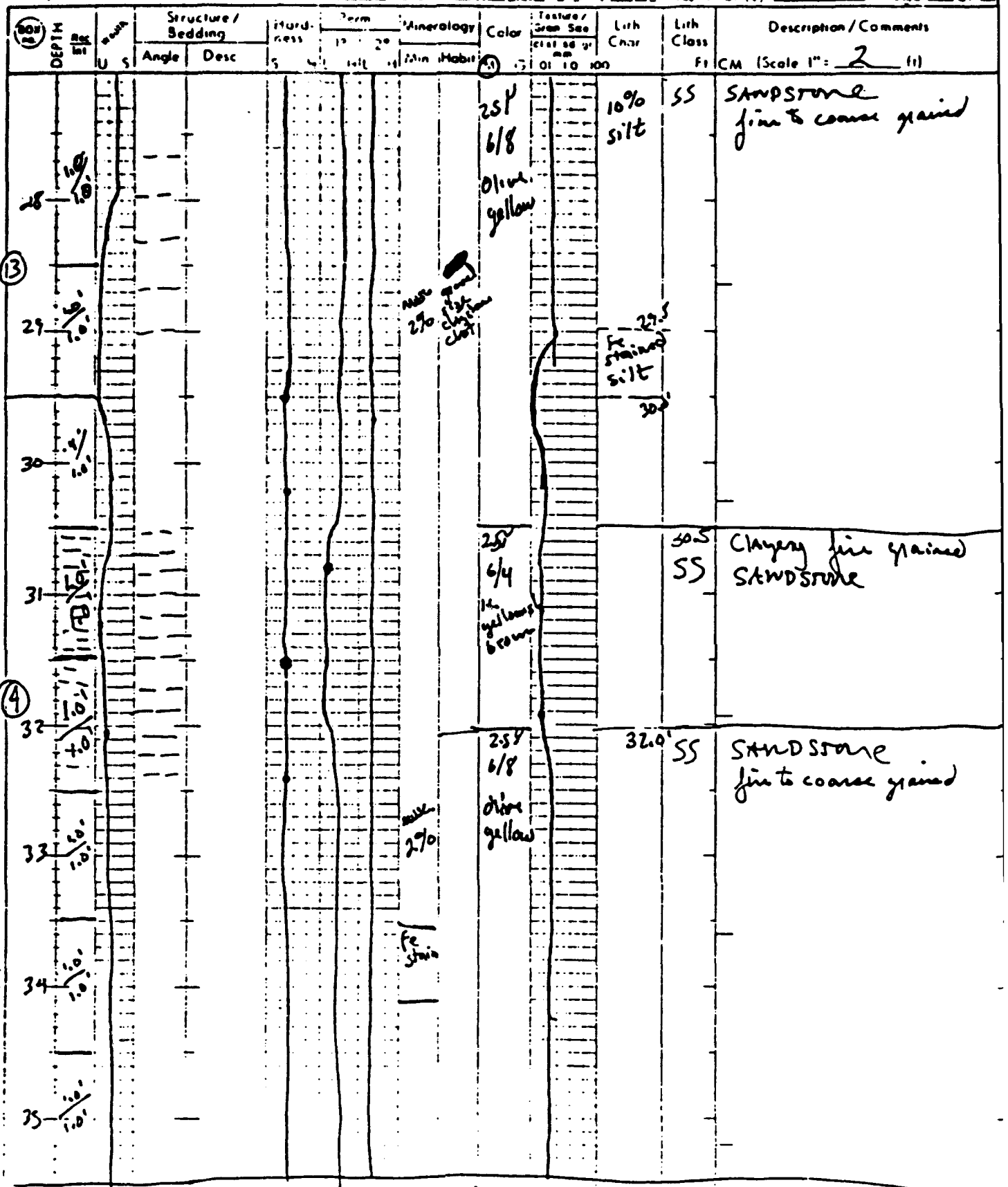
ESE, Inc. CORE LOG By S.K. Date 7/15/87 BORE EP-20A Well(s) _____ Page 1 of 2

Core No.	Depth	Rec (ft)	Sample U	Sample 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 Mabil	Color %	Color G	Texture/Grain Size clay sd gr mm .01 .10 1.00	Lith Char.	Lith Class Ft	Description/Comments CM (Scale 1": _____ ft)
	18.5																			Samples obtained by 3¼ ID Hollow stem auger continuous sampling
	19														5Y				CL	CLAYSTONE
2		2.0/2.0													5/1					
															grey					
	20														5Y					
															6/3					
															pale olive					
	21	1.9'/2.0'																21'		15% sand
	22																			oxidation boundry
		1.3'/1.5'													2.5Y			22.5'	SS	SANDSTONE fine to coarse grained
	23														6/8					
															olive yellow					
																			SS	fine grained SANDSTONE
	24	14"/15"													2.5Y					
		0.9'/1.0'													7/4					
															pale yellow					
	25	2.9'/3.0' SP																		SANDSTONE, coarse grained
3																				
	26														2.5Y					
															6/4					
															olive yellow					
	27	1.4'/1.5'																		

WELL(S) BORE EP-20A

ESE, Inc.

ESE, INC. [illegible] SP Date 7/16/87 Boring EP-20A Well(s) _____ Page 2 of [illegible]



EP-20A WELL(S)

ESE, Inc.

Frontier Logging
Lakewood, Colorado

Date JUNE 23, 1987

ESE
EP-20
RMA
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: 40 FT
Fluid in Hole: Water
Density/Viscosity | pH
Time In: 1020 | Time Out: 1125
Unit No.: 110
Operator: W. Linton
Location: Lakewood

EQUIPMENT DATA

TD Logged: 131 FT
Sensitivity: 200 Scale x 20 CPS per inch
Time Constant: 2 Sec | Logging Speed: 15 Ft/Min
Gamma Source: CPS
Detector No: 103-1041 | Probe Diameter: 1 5/8"
Crystal: xtal 3/4 x 1 1/4"
K Factor: 1.60 x 10⁻⁵ | Dead Time: 7 Microsec
Mud Wt: 1.10 | Hole Size: 3 7/8"
Resistivity:
Electrode Spacing: 50 ohms/5" Ohms per 5 Inches
20 MV/Inch MV per inch

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

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

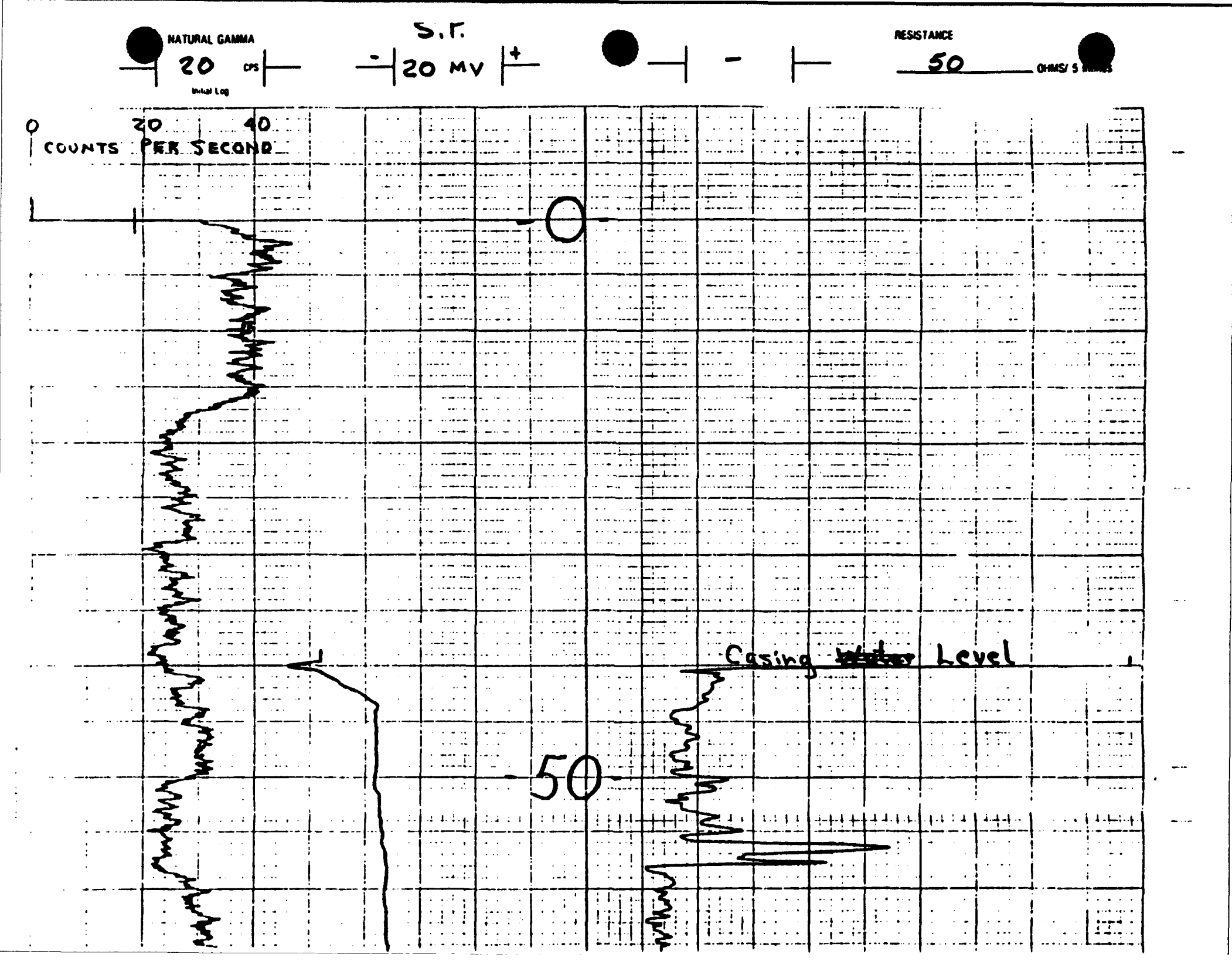
Gamma (Analog) Ft | Density Source No
Gamma (Digital) Ft | Type | Strength
Caliper Ft | CPS/inch
Temperature Ft

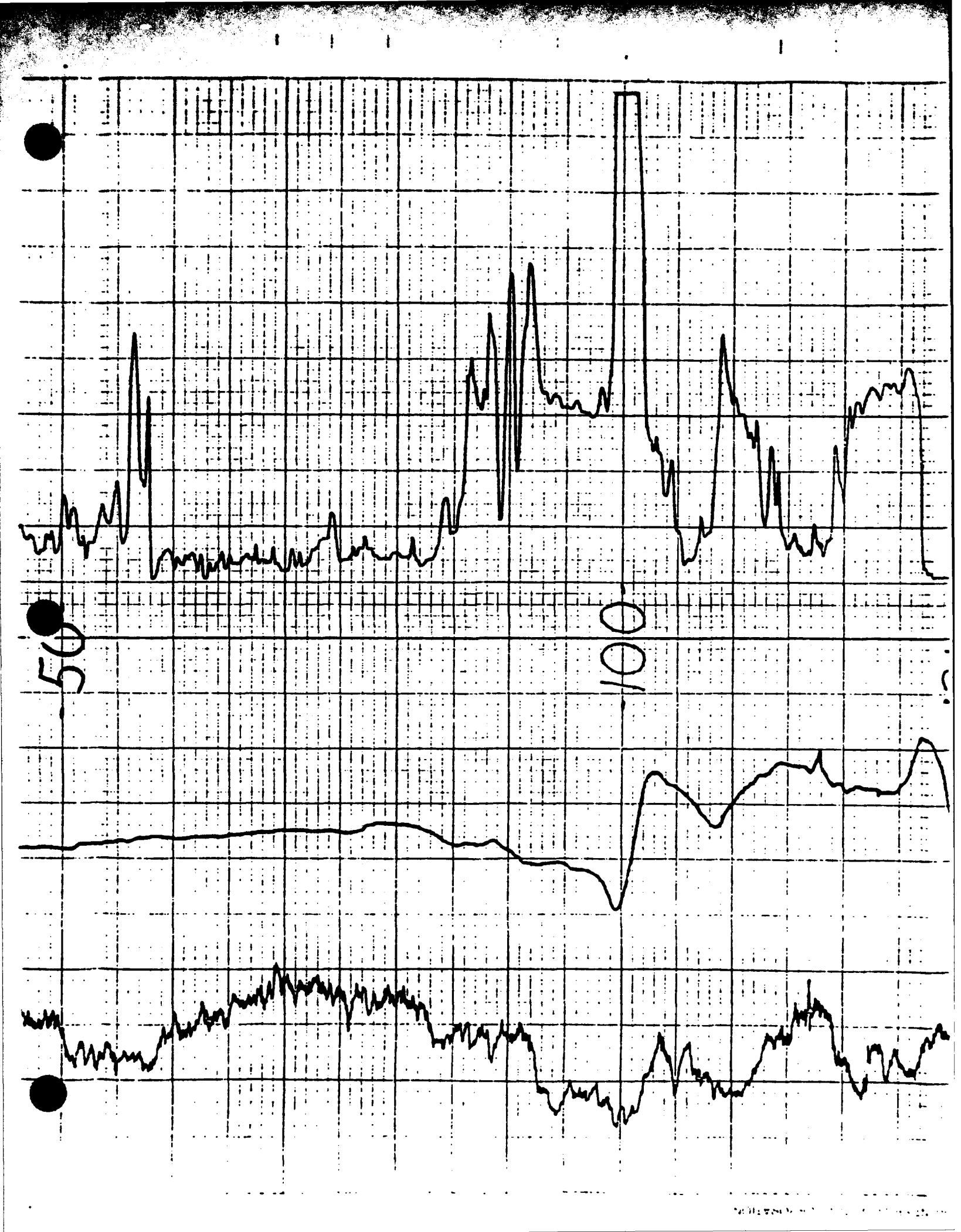
DIRECTIONAL DATA

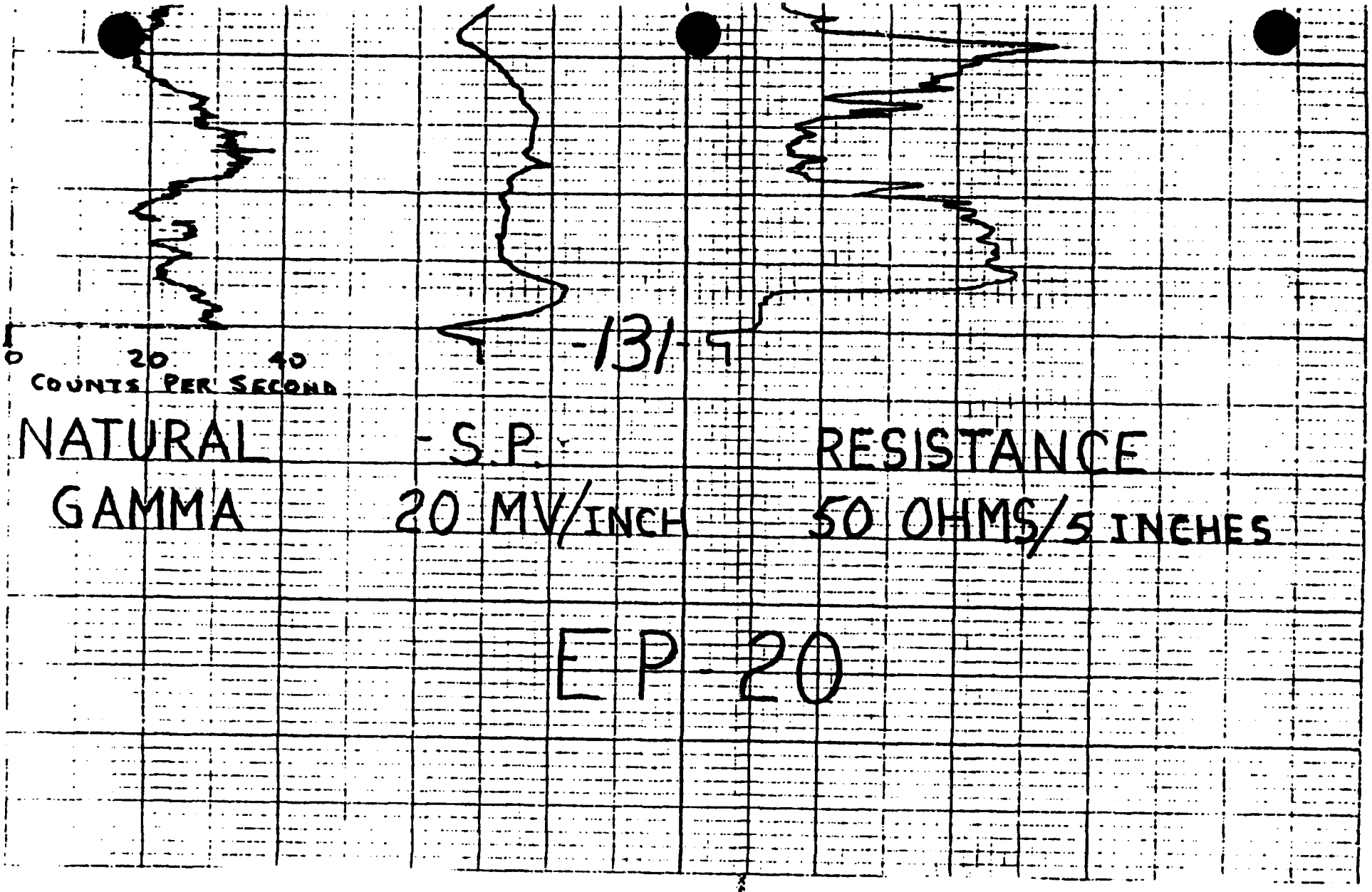
Closure Ft | Neutron Source No | Type | Strength
Azimuth | CPS/inch
True Vertical Ft | Survey Depth Ft

NATURAL GAMMA: 20 CPS (Initial Log)
S.P.: - 20 MV +
RESISTANCE: 50 OHMS/ 5 Inches

0 | 20 | 40


NATURAL GAMMA
20 cps
Initial Log
S.P.
20 MV
RESISTANCE
50 OHMS/
0
20
40
COUNTS PER SECOND
0
50
Casing Water Level


50
100


0
20
40
COUNTS PER SECOND
-131-
NATURAL GAMMA
-S.P.
20 MV/INCH
RESISTANCE
50 OHMS/5 INCHES
EP-20

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7335 SOUTH ALTON WAY • SUITE B-1
ENGLEWOOD, COLORADO 80112 • 303/741-0008

WELL CONSTRUCTION SUMMARY

Borehole BH-21 D1 Well 23235

Project Name and Location RMA OU-POL GW Evaluation, N6, NE Sec 33 Project Number Task 36

Drilling Company Water Well Svc. Driller Bill Smart Rig Number Failing 1500

Drilling Method(s) ROTARY

Borehole Diameter 11 3/4 in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.
7 7/8 in. ____ cm. 30 ft. ____ cm. to 35.85 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	35.85 ft.	____ cm.	
Depth to Bedrock	____ ft.	____ cm.	
Depth to Water	____ ft.	____ cm.	
Water Level Determined By			
Length Plain PVC (total)	33.04 ft.	____ cm.	
Length of Screen + endcap	3.67 ft.	____ cm.	
Total Length of Well Casing	37.31 ft.	____ cm.	
PVC Stick Up	1.47 ft.	____ cm.	
Depth to Bottom of Screen	35.84 ft.	____ cm.	
Depth to Top of Screen	32.17 ft.	____ cm.	
Depth to Top of Sand	31.00 ft.	____ cm.	
Depth to Top of Bentonite	25.50 ft.	____ cm.	

Sampling Method(s) Not sampled

Date/Time Start Drilling 12/16/87 /0850

Date/Time Finish Drilling 12/16/87 /1450

Date/Time Start Completion 12/16/87 /1504

Date/Time Cement Protective Casing 12/17/87 /0915

Materials Used 32.72' 8" Steel casing.

Plain PVC 3 -10 ft. sections + 3.67 endcap

Slotted PVC 1 -3 ft. section (3 per order)

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 1.1 bags (55 lbs)

Cement 11 bags

Sand 1 bag

Water added during completion 5 gal.

Water added during drilling 0

Total Gallons of water added 5 gal

Drill Site Geologist [signature]

Date 12/18/87

Internal mortar & weep hole: 12/22/87 1485 Dmj

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used

Top of Protective Casing to Top of PVC	0.18 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	1.65 ft.	____ cm.	

COMMENT/NOTES

8" Steel casing stickup = 1.65'

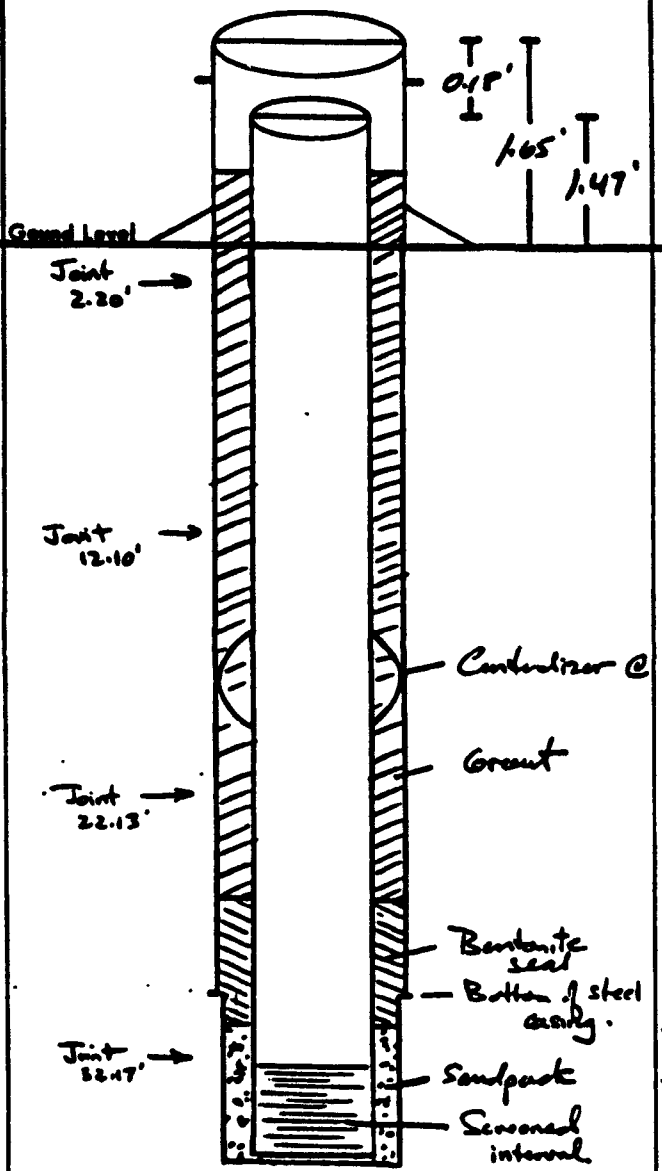
Reviewed By ____ Date ____

Drill Site Geologist [signature] Date 01/04/88

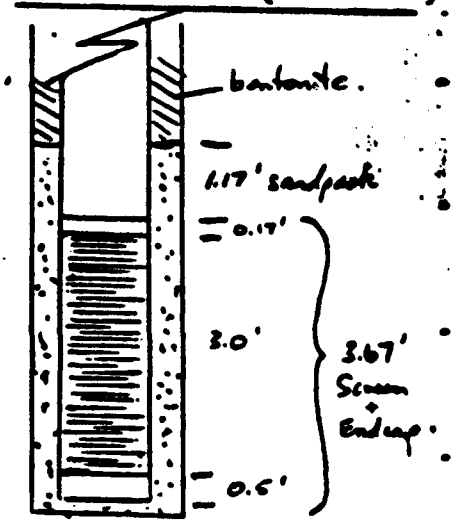
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7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-21 D1 Well: 23235

Depth-Feet	Soil/Rock Type	Well Completion	Description



Screen detail: (not to scale)



Depth to top of bentonite = 25.50'

Depth to bottom of 8" steel casing = 28.97'

Depth to top of sand = 31.00'

Depth to top of screen = 32.17'

Depth to bottom of screen = 35.84'

Total borehole depth = 35.85'

Drill Site Geologist: [signature] Date: 12/18/87

Reviewed By: _____ Date: _____

ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. •
7035 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

BOREHOLE SUMMARY LOG

Borehole EP 21 Well 23235

Project Name and Location MW Installation Task 36 Project Number 17053 074 10

Drilling Company Boyles Driller D. Irvine Rig Number Failing 1500

Drilling Method(s) continuous core - rotary

Size(s) and type(s) of bit(s) 11 7/8" bit, 5 7/8" bit

Borehole Diameter 11 7/8 in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.

____ in. ____ cm. 30 ft. ____ cm. to 132 ft. ____ cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 10

Number of Gallons Lost Drilling Fluid 150

Date/Time Started Drilling 6-16-87 0857

Date/Time Completed Drilling 6-18-87 0854

Total Borehold Depth 132 ft. ____ cm.

Depth to Bedrock 28 ft. ____ cm.

Depth to Water 39 ft. ____ cm.

Water Level Determined By? water level indicator

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 6-18-87 1143

Depth of Tremmie Pipe 132'

Gallons of Grout 100

Materials Used 90 gals. water, 9 bags cement, 1/2 bag bentonite

Comments

Wellsite Geologist C. Benson Date 6-18-87

Checked for Grout Settlement on ~~6/25/88~~ 6/25/87 by Steve Pavis

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by Steve Pavis Date 2/17/88

Drill Site Geologist ____ Date ____

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SHEET 1 OF 3

Borehole: EP-21A Well Number:

Depth - Feet	Tube Number / Tube Interval Recovery	Remarks	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1 4.6/5.0'		SAMPLES TUBE DRIVEN	0.0'-2.0'	ML	Silt, 10% clay, 10YR 3/4, dark yellowish brown, moist, and dense, low plastic at 1.0' color changes to 10YR 7/4, very pale brown
2						
3	2 4.4/5.0'			2.0'-4.0'	SM	Silty SANDS, 20% silt, fine to coarse grained sand. 2.5Y 5/6, light Olive brown moist, medium dense. non plastic
4						
5	3 4.4/5.0'			4.0'-6.0'	SM	SP
6						
7	4 4.4/5.0'			6.0'-8.0'	CL	CLAY, 30% sand, fine to coarse grained, 5% small gravel, 10YR 4/6, dark yellowish brown, stiff, moist, low plastic, calcareous at 6.0' sand decreases to SP 20%, fine to coarse grained, color changes to 10YR 8/3, very pale brown
8					SC	Clayey SAND, 40% clay, fine to very coarse grained sand, 10YR 5/4, yellowish brown medium dense, moist, med low plastic, calcareous SP
9	5 4.2/5.0			8.0'-10.0'		
10						
	6 5.0 0/5.0'			10.0'-12.0'		No Recovery from 10.0'-12.0'-16.0'. Auger cuttings indicate clayey SANDS SP

Drill Site Geologist: Steve Page Date: 7/13/87

Reviewed By: Joseph L. Rud Date: 7/21/87

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ENGLEWOOD, COLORADO 80112 • (303)741-0830

Borehole: EP-21A Well Number:

Depth - feet	Tube Number / Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	0.0'/2.0'			10.0'-12.0'	SC	10.0'-16.0' No Recovery. Auger cuttings indicate SANDY CLAYS (SC)
12						
13	0.0'/2.0'			12.0'-14.0'		
14						
15	0.0'/2.0'			14.0'-16.0'		
16						
17	6 .8/4.0'			16.0'-17.0'	SC	Clayey SAND, 30% clay, fine to coarse grained, 10YR 5/4 Yellowish brown, med. dense, moist, low plastic
18	7 2.0'/4.0'			17.0'-19.0'	SP	Poorly graded SAND, fine to very coarse grained sand, 20% gravel, 10 YR 6/6, brownish yellow medium dense, moist, non plastic
19						Gravel decrease to 5% at 19.0'
20	8 1.2'/3.0'			19.0'-21.0'		

Drill Site Geologist: Steve Rapp Date: 7/13/87

Reviewed By: Joseph L. Reed Date: 7/21/87

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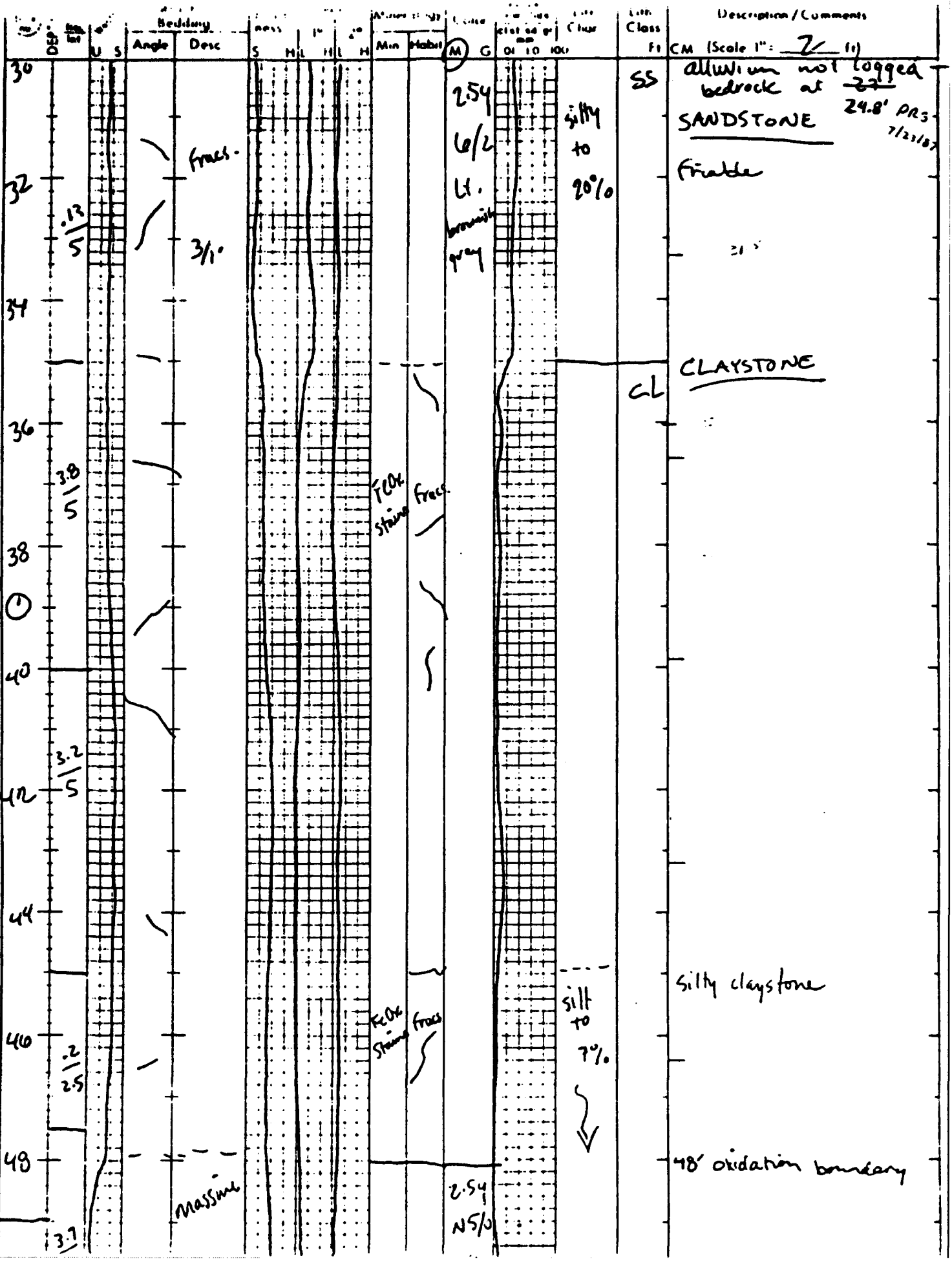
Borehole: EP-21A Well Number:

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	9	1.8/2.0'		19.0'-21.0'	SP	Poorly graded SAND, fine to very coarse grained 8% gravels, 10YR 6/6, brownish yellow medium dense, moist, non plastic
22		2.0'/2.0'		21.0'-23.0'		color change to 10YR 4/4, dark-yellowish brown, 10% gravels at 21.0'
23						SANDS saturated at 22.5'
24	10	0.8'/2.0'		23.0'-25.0'		
25					CSP	Weathered Claystone, 10YR 5/3, brown, saturated, soft, plastic, Fe stains
26	11	0.4'/2.0'		25.0'-27.0'		
27						color change 26'-27' to 10YR 5/1, Grey
28	12	0.4'/2.0'		27.0'-29.0'		
29	TO BE EMPLACED AS A	0.0/1.0'		29.0'-30.0'		Total depth ~~29.0'~~ 30.0' CSP
30						

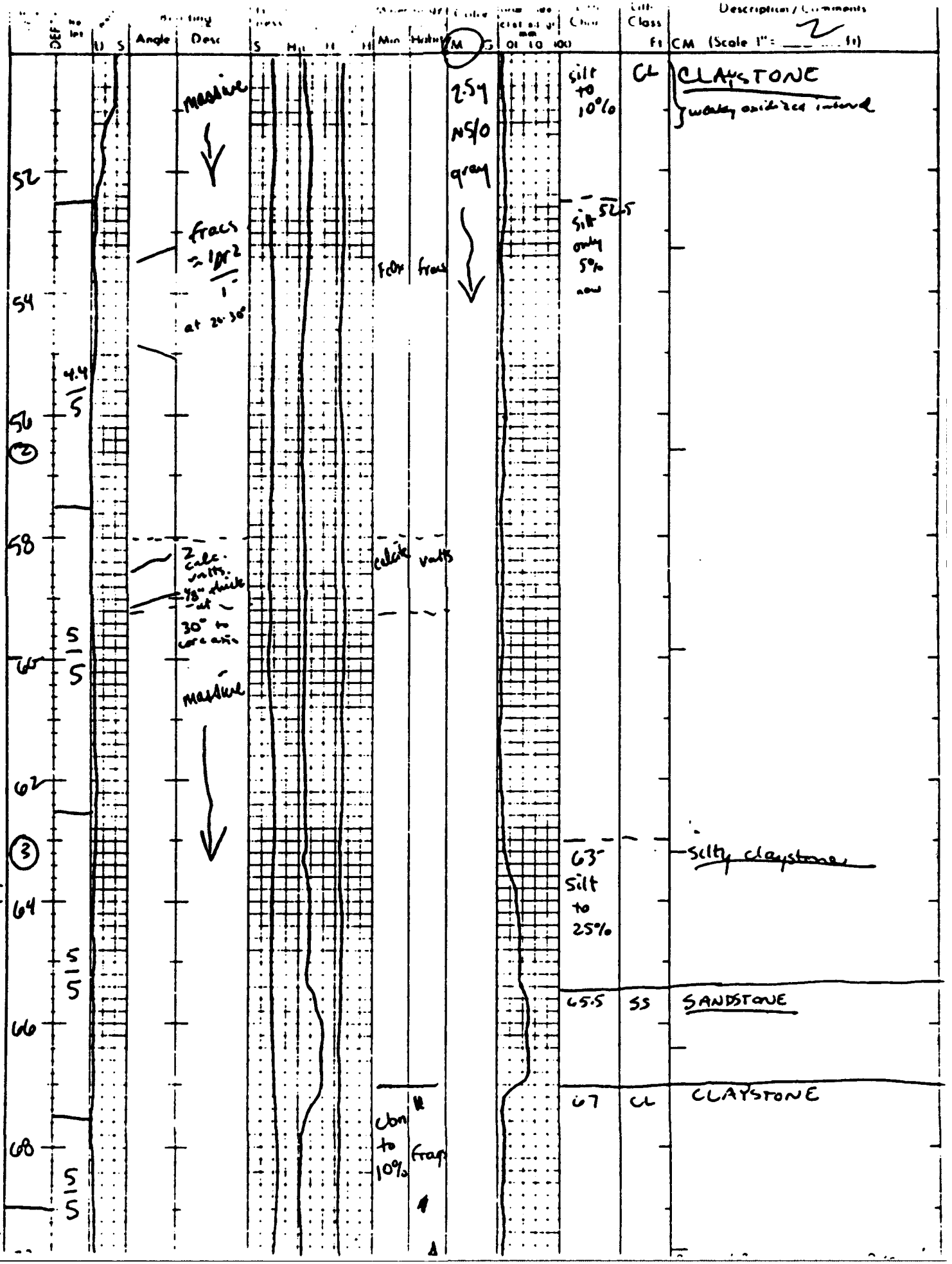
Drill Site Geologist: Steve Parry Date: 7/13/87

Reviewed By: Joseph L. Reed Date: 7/21/87

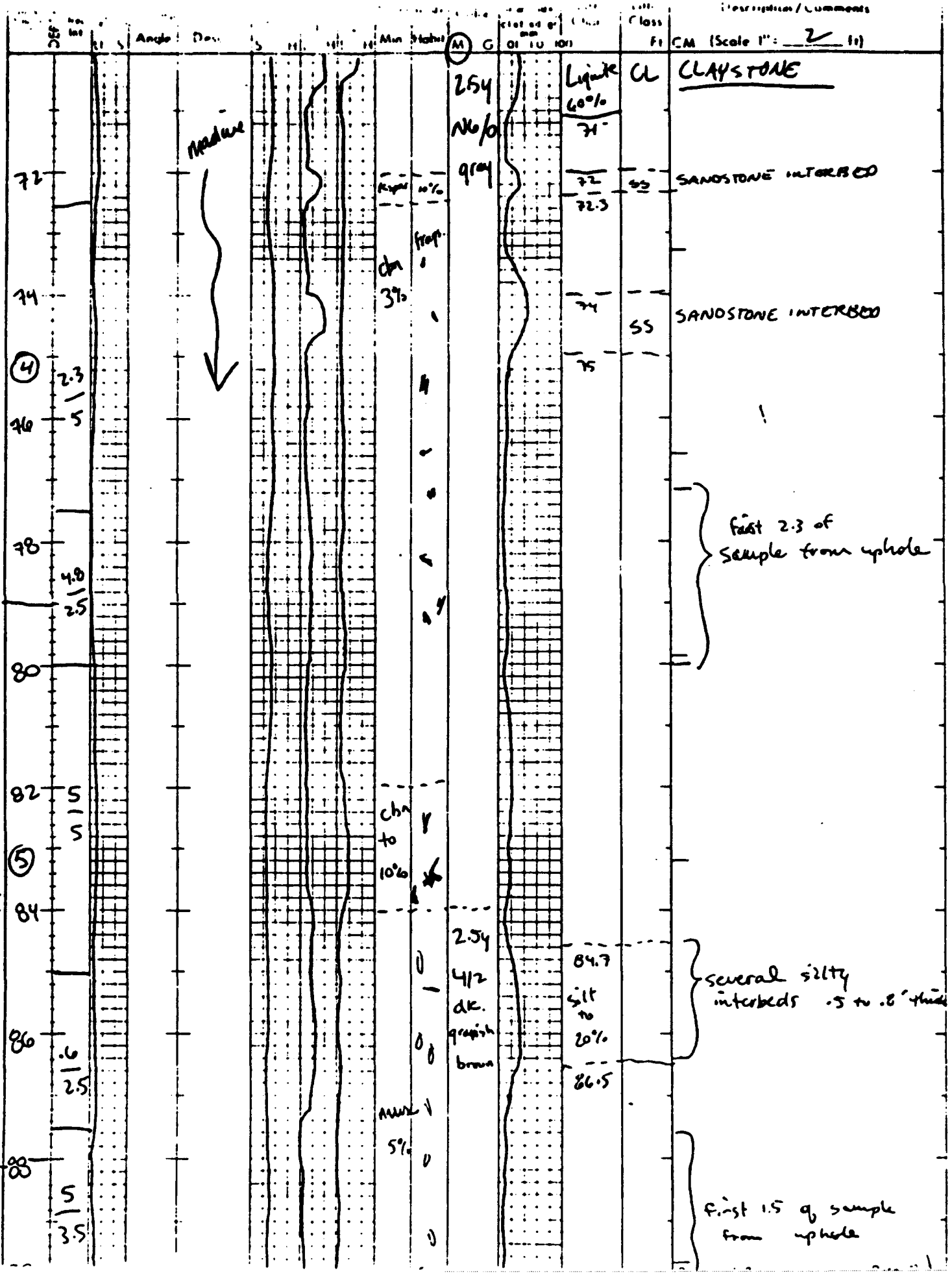
ESI, Inc. CORE LOG By UDB Date 6-1987 Hole EP 21 Well(s) _____ Page 1 of 6



ESE, Inc. ... By COB Date 6-19-97 ... EP 21 Well(s) ____ Page 5 of 6



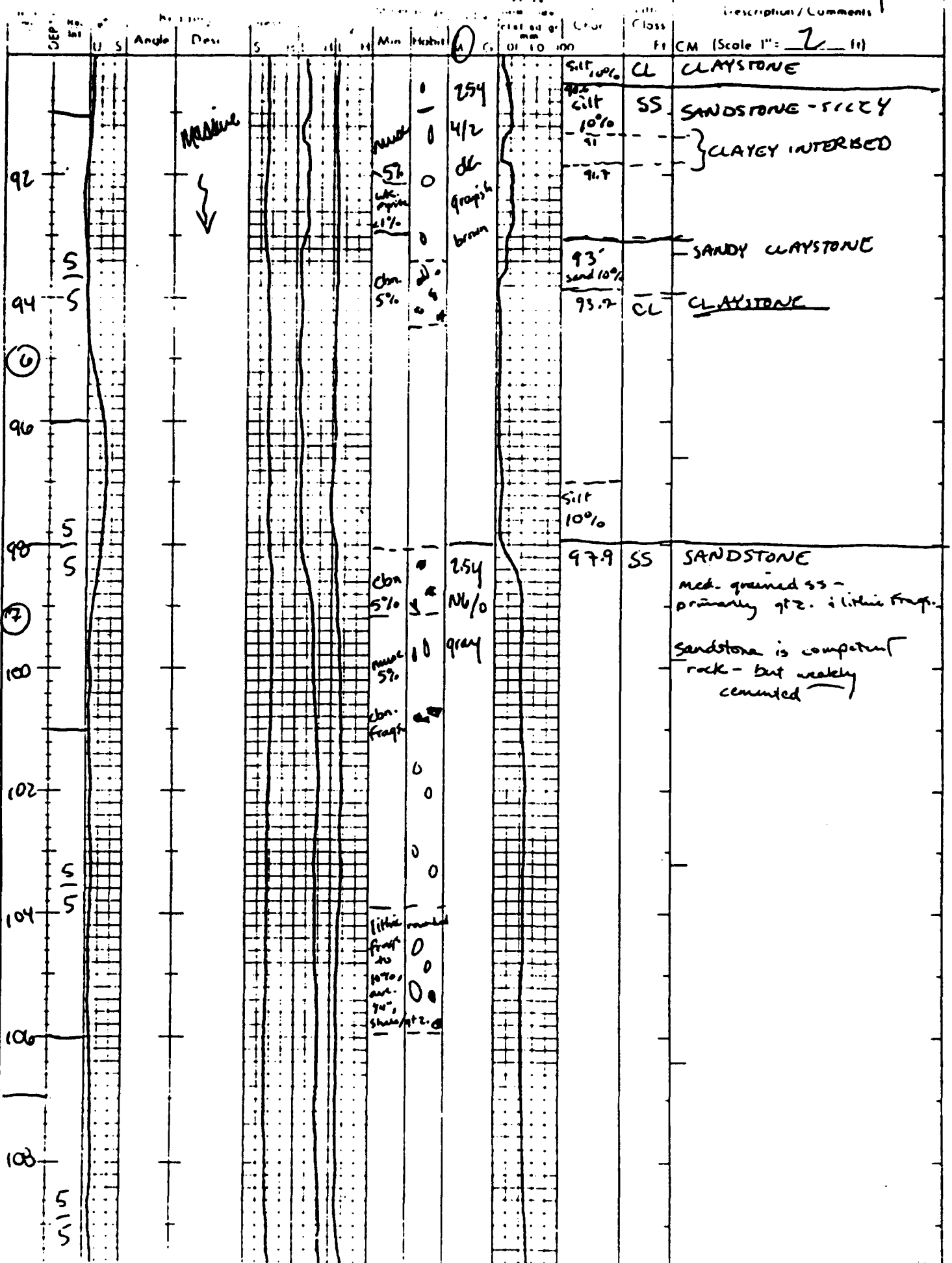
ESE, Inc. COB 619.87 EP 21 Well(s) Page 3 of 6



BORE EP 21 WELL(S)

ESE, Inc.

ESE, Inc. By CDB Date 6.19.87 Rig RL EP-4 Well(s) ____ Page 4 of 6



BORE EP 21 WELL(S)

ESE, Inc.

Depth	Core Int	U S	Angle	Dens	Mins	Matrix	M	G	Class	Fl	Formation / Comments CM (Scale 1" = 2 ft)
112									SS		SANDSTONE
	(8) 5 / 5			Moisture ↓				25y N4/0 gray			
114											
116											
118	4.5 / 5										
120										119	Conglomeritic interbed — unusual FeOx stained bands in conglomerate — 4" thick mottled irregularly around clasts — staining minor
										120.8	
122	(9) .8 / 5								CL	122	SILTY CLAYSTONE
124											
126	2/5										1.5 ft sample from upside
128	.4 / 5										
	(10)										

Lithic frags. to 30%

Frags. mostly qtz & shales

clay along slickenside

silt to 20% & occas. silt interbeds

silt decreases to 5%

ESE, Inc. CORE LOG By CDB Date 6/1987 Boring CP2r Well(s) _____ Page 6 of 12

Depth	Recovery	Angle	Description	Min	Hab	Class	Description / Comments
10	5.2/25		Massive			CL	SILTY CLAYSTONE 2.7' of sample from uphole
132							Total Depth 132'

254 N4/0 gray

Silt 10%

CM (Scale 1": 2 ft)

E, Inc. BORE CP2r WELL(S)

ESE

120 SW

Bore Hole: EP-21		Bit Size: 3 7/8"	Standby:
Area/Project: RMA		Casing Depth: 33 FT	Time In: 0935 / Time Out: 1000
County: ADAMS COUNTY	State: COLORADO	Fluid in Hole: Native mud + water	Unit No.: 110
Section / Township	Range / Elevation	Density/Viscosity / Ph: •	Operator: W. Linton
	Log Measured From: Ground Level	Drilling Measured From: Ground Level	Location: Lakewood

EQUIPMENT DATA

TD Logged	132 FT
Natural Gamma	200 Scale = 20 CPS per Inch
Time Constant	2 Sec
Logging Speed	15 F/Min
Cable 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
Water Factor	1.10 for hole size 3 7/8"
Casing Factor	for well dia
Resistance	30 ohms/5" Ohms per 5 Inches
SP	20 MV/Inch MV per Inch

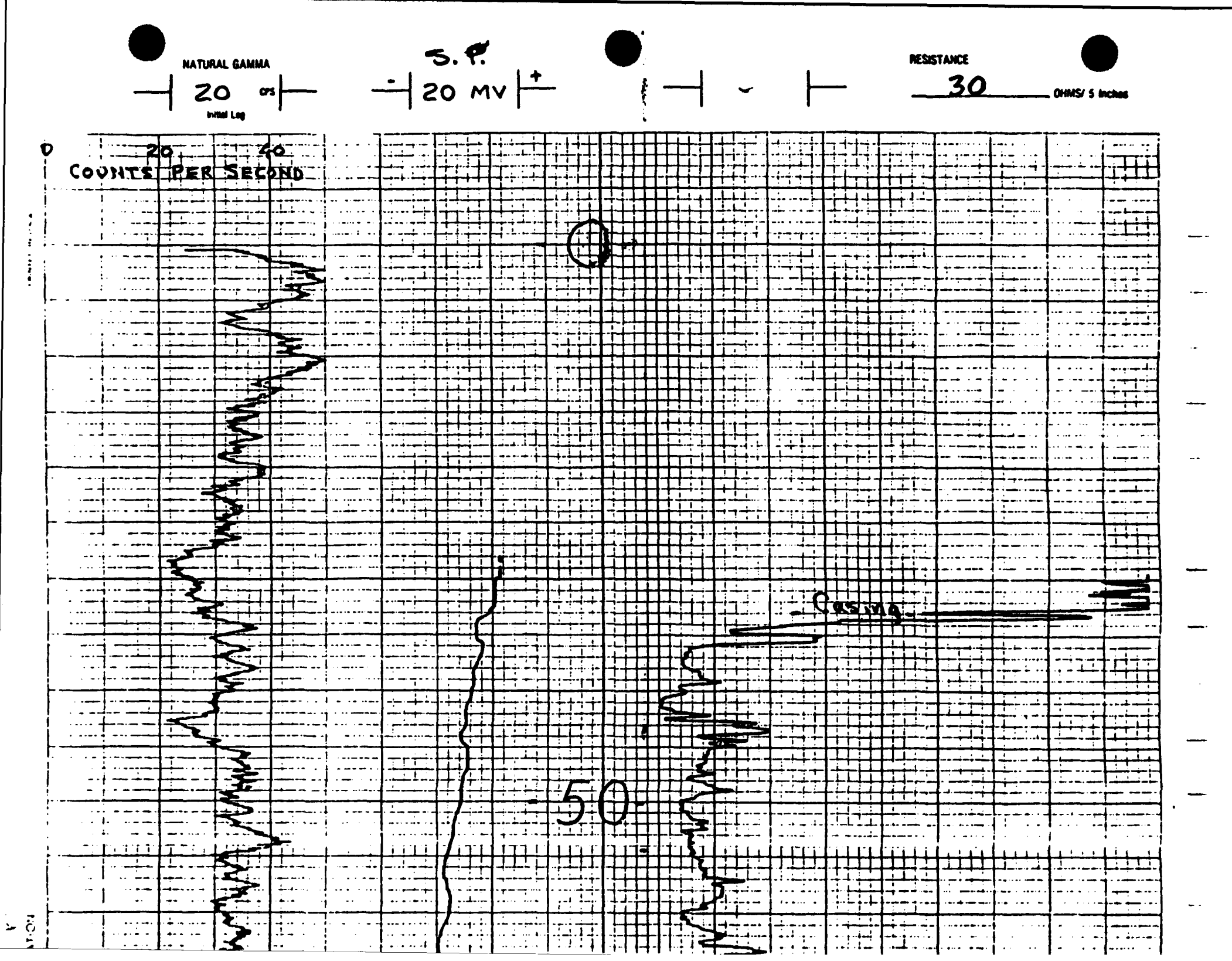
NATURAL GAMMA (ANALOG) (pulled log off scale)

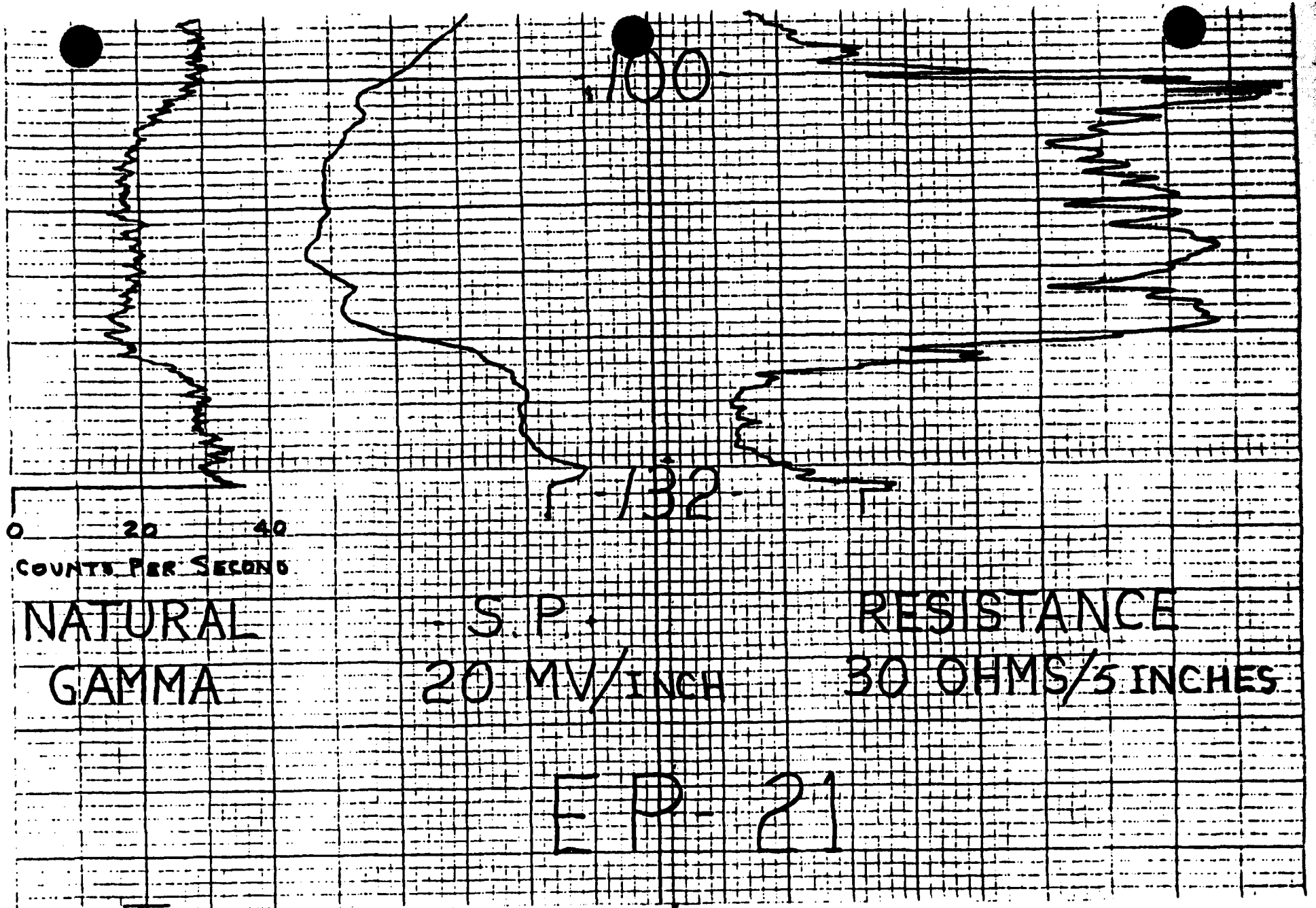
Scale	Scale	Scale	Scale
in CPS/in	in CPS/in	in CPS/in	in CPS/in
TC Sec / Logging Speed F/Min	TC Sec / Logging Speed F/Min	TC Sec / Logging Speed F/Min	TC Sec / Logging Speed F/Min
From Ft To Ft	From Ft To Ft	From Ft To Ft	From Ft To Ft
Total Ft	Total Ft	Total Ft	Total Ft

Gamma (Analog) Ft	Density Source No	
Gamma (Digital) Ft	Type	Strength
Caliper Ft	CPS/Inch	
Temperature Ft		Ft
DIRECTIONAL DATA	Neutron Source No	
Closure Ft	Type	Strength
Azimuth	CPS/Inch	
True Vertical Ft / Survey Depth Ft		Ft

NATURAL GAMMA — 20 CPS (Initial Log) — S.P. — 20 MV (− / +) — RESISTANCE — 30 OHMS/ 5 Inches

0 | 20 | 40


NATURAL GAMMA
20 cps
Initial Log
S.P.
20 MV
RESISTANCE
30
OHMS/ 5 Inches
0
20
40
COUNTS PER SECOND
CASING
50


100
132
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P. 20 MV/INCH
RESISTANCE 30 OHMS/5 INCHES
EP-21

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WELL CONSTRUCTION SUMMARY

Borehole EP-23 Well 23232

Project Name and Location T-25 Sec 32 AC Project Number 12052 02210

Drilling Company Boyles Bros Driller Don Erwin Rig Number IR.

Drilling Method(s) 12¼" OD Hollow Stem Auger

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 23.5 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 12¼" Hollow Stem Auger

Size and Type PVC 4" .020 SLOT

Total Borehole Depth 23.55 ft. ____ cm.

Depth to Bedrock 23 ft. ____ cm.

Depth to Water 3.17' ft. ____ cm.

Water Level Determined By Samples

Length Plain PVC (total) 14.57 ft. ____ cm.

Length of Screen 10.68 ft. ____ cm.

Total Length of Well Casing ____ ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 23.55 / 23.55 ft. ____ cm.

Depth to Top of Screen 12.87 / 12.87 ft. ____ cm.

Depth to Top of Sand 7.7 ft. ____ cm.

Depth to Top of Bentonite 3 ft. ____ cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 9/21/87 1400

Date/Time Finish Drilling 9/22/87 1020

Date/Time Start Completion 9/22/87 1020

Date/Time Cement Protective Casing 9/22/87 1112

Materials Used

Plain PVC 1-10' 1-5'

Slotted PVC 1-10'

Bentonite Pellets 5 BUCKETS

Bentonite Granular 10 lbs

Cement 2 BAGS

Sand 10 BAGS

Water added during completion 30 gals (15 TO SAND AT CEMENT)

Water added during drilling 0

Total Gallons of water added 30

Drill Site Geologist [signature] Date 9/22/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed CEMENT PAD 9/31/87 DJB; INTERNAL MORTAR 10/9/87 DLW & SMP; WEEP HOLE 10/12/87 DLW & CLM

Date/Time/Personnel Casing Painted 10/5/87 / 1345 / DLW & HLC

Date/Time/Personnel Numbers Painted 10/13/87 / 0400 / WTV & DLW

Materials Used ≈ 12 BAGS SACRETE

Top of Protective Casing to Top of PVC	0.33 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.54 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.55 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.82 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.0 ft.	____ cm.	

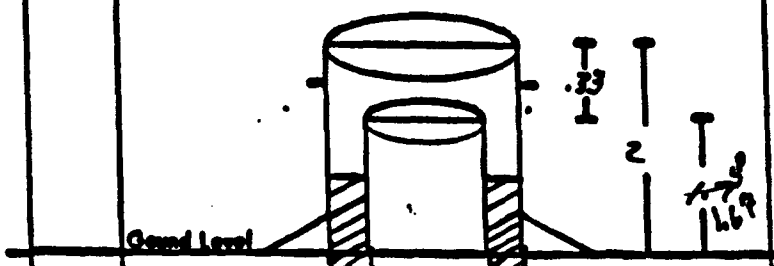
Reviewed By [signature] Date 11/19/87

Drill Site Geologist ____ Date ____

ESE

PAGE 5 OF 5

Borehole: EP-23 Well: 23232

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
2		Ground Level	
4		2 CONCRETE	
6		2.83	2.0 TOP OF BENTONITE
8			7.7 TOP OF SAND
10			
12		12.87	12.87 TOP OF SCREEN
14			
16			
18			
20			
22			
24		23.55	23.55 TOTAL DEPTH

Drill Site Geologist: [signature] Date: 9/22/93

Reviewed By: [signature] Date: 2/16/88

Borehole: EP-23 Well Number: 23232

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description (Munsell Colors)
0	1	100%		0-2	CL	Clay 40% sand, fine to medium, 10YR 5/4 yellowish brown med plastic, stiff, dry, calcareous
2					SC	Clayey sand, very fine to medium - micas, 30% clay 10YR 7/4 very pale brown, low-plas, stiff, dry Calc nods
	2	100%			SM	Silty sand very fine to medium, 10% silt, 10YR 6/4 light yellow brown, non plast, med dense, dry
4						
	3	25%				
6						
	4	75%				
8					SC	Clayey sand very fine to medium, 30% clay 10YR 6/4 light yellow brown, low plas, stiff dry
	5	75%				
10						
	6	75%			CL	Clay, 40% sand fine to medium, 10YR 5/4 yellowish brown, med plas, stiff, dry, calc nods,
12						

Drill Site Geologist: G. Litus logged by StrawSpencer Date: 3-11-88

Reviewed By: [signature] Date: 3/17/88

Borehole: EP-23 Well Number: 23232

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
14	7	100%			CL	↓ Clay, gain size increase to Fine to coarse @ 12.5 feet
16	8	75%			SC	Clayey sand very fine to very coarse, 25% clay, 5% gravel, 10YR 6/4 light yellow brown, low plas, stiff dry ↓
18	9	25%				
20	10	100%			CL	Clay 20% sand, fine to medium, low med-plastic, med stiff, saturated, silt on outside of core ↓
22					SP	Sand fine to coarse, 5% gravel, 5% silt, 10YR 5/4 yellow brown, non plas, loose ↓
24	11	50%				Bedrock-Olive Claystone TD 25'

18-22 in one 2' tube?

Drill Site Geologist: D. Litys logged by Steve Spurr Date: 3-11-98

Reviewed By: Steve Spurr Date: 3/17/98

Borehole: EP-23 Well Number: 23232

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
24	12	50%				Bedrock- Olive Claystone
25						TOTAL DEPTH 25'

Drill Site Geologist: L. Lytus logged by Stan Spencer Date: 3-11-88

Reviewed By: [signature] Date: 3/17/88

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WELL CONSTRUCTION SUMMARY

Borehole EPA26D Well 23233

Project Name and Location RMA TASK 36 SE/NE SECT. 23 Project Number

Drilling Company ZIMMERMAN Driller BOB RUNCK Rig Number FAILING

Drilling Method(s) ROTARY w/ 12¼" & 7⅞" MUDDIES

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 25 ft. cm.
7⅞ in. cm. 25 ft. cm. to 42.3 ft. cm.

Size(s) and types of Bit(s) 12¼" MUDDIE
7⅞" MUDDIE

Size and Type PVC 4" SCHEDULE 40

Total Borehole Depth 42.3 ft. cm.

Depth to Bedrock ft. cm.

Depth to Water ft. cm.

Water Level Determined By

Length Plain PVC (total) 38.05 ft. cm.

Length of Screen 5.65 ft. cm.

Total Length of Well Casing 43.7 ft. cm.

PVC Stick Up 1.65 ft. cm.

Depth to Bottom of Screen 42.05 ft. cm.

Depth to Top of Screen 36.40 ft. cm.

Depth to Top of Sand 34.15 ft. cm.

Depth to Top of Bentonite 26.0 ft. cm.

Sampling Method(s) PREVIOUSLY CORED AT EPA 26 (OBSERVED)

Date/Time Start Drilling 12/7/87 1240

Date/Time Finish Drilling 12/8/87 1332

Date/Time Start Completion 12/8/87 1341

Date/Time Cement Protective Casing 12/7/87 1530

Materials Used 27 ft. (3") STEEL CASING

Plain PVC 38.05 (4-10' SECTIONS)

Slotted PVC 5.65 (1-5' SECTION + 0.65')

Bentonite Pellets 2 BUCKETS

Bentonite Granular 6 50 LBS

Cement 9 BAGS

Sand 2 3/4 BAGS

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist [signature] Date 12/08/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used

Top of Protective Casing to Top of PVC	ft.	cm.	COMMENT/NOTES
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 Date

Drill Site Geologist [signature] Date 12/08/87

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Borehole: EP-2601 Well: 23233

Depth-Feet	Soil/Rock Type	Well Completion	Description
0		Ground Level	
5		JOINT 4.85'	
10			
15		JOINT 16.65'	Centralizer at ≈ 15'
20		GROUT	
25		CASING (8") JOINT 26.55'	Bottom of 8" Steel Casing = 25.0'
30		BENTONITE	Top of Bentonite = 26.0'
35		SANDPACK JOINT 36.40'	Top of Sandpack = 31.5' Top of Screen = 36.40'
40		TD = 42.3	Bottom of Screen = 42.05'
45			

Drill Site Geologist: [signature] Date: 12/3/87

Reviewed By: [signature] Date: 1/7/88

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7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0030

WELL CONSTRUCTION SUMMARY

Borehole EP-26D2 Well 23234

Project Name and Location RMA ON-POST INVESTIGATION/SE,NE SECT. 23 Project Number TASK 36

Drilling Company BOYLES BROS. Driller BOB ROACH Rig Number FAILING 1500

Drilling Method(s) ROTARY

Borehole Diameter	16 1/4 in.	____ cm.	0 ft.	____ cm. to	25 ft.	____ cm.
	11 3/4 in.	____ cm.	25 ft.	____ cm. to	43.5 ft.	____ cm.
	7 7/8" in.		43.5 ft.	to	65.5 ft.	

Size(s) and types of Bit(s) 16 1/4" blade bit
11 3/4" blade bit 7 7/8" blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth 65.5 ft. ____ cm.

Depth to Bedrock not alluvial ft. ____ cm.

Depth to Water sampled ft. ____ cm.

Water Level Determined By —

Length Plain PVC (total) 53.86 ft. ____ cm.

Length of Screen 10.89 ft. ____ cm.

Total Length of Well Casing 64.75 ft. ____ cm.

PVC Stick Up 1.85 ft. ____ cm.

Depth to Bottom of Screen 62.9 ft. ____ cm.

Depth to Top of Screen 52.01 ft. ____ cm.

Depth to Top of Sand 47.00 ft. ____ cm.

Depth to Top of Bentonite 41.90 ft. ____ cm.

Sampling Method(s) Not sampled (See EA-26 coreholes)

Date/Time Start Drilling 12/09/87 / 1006

Date/Time Finish Drilling 12/14/87 / 1110

Date/Time Start Completion 12/14/87 / 1230

Date/Time Cement Protective Casing 12/10/87 / 1200

Materials Used 25.26'-12 3/4" STEEL CASING
45.01'-8 5/8" STEEL CASING

Plain PVC 5-10' sections / 1-4' section.

Slotted PVC 1-10' section.

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 3.6 bags (160 lbs)

Cement 35 bags

Sand 3 1/2 bags

Water added during completion ϕ

Water added during drilling ϕ

Total Gallons of water added ϕ

Drill Site Geologist [signature] Date 12/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ____

Date/Time/Personnel Casing Painted ____

Date/Time/Personnel Numbers Painted ____

Materials Used ____

Top of Protective Casing to Top of PVC	____ ft.	____ cm.	COMMENT/NOTES
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 ____ Date ____

Drill Site Geologist [signature] Date 4/4/88

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-2602 Well: 23234

Depth-Feet	Soil/Rock Type	Well Completion	Description
		Ground Level; 1.85'	
		Joint 2.25	
10		Joint 12.25	
		Grout; 12 3/4" steel casing	
20		Joint 22.22	
		25.0'	Bottom of 12 3/4" steel casing = 25.0'
30		Joint 32.06; Centralizer	Centralizer @ 30.48'
		8 5/8" steel casing	
40		Joint 42.11	Top of bentonite = 41.40'
		43.36'; Bentonite seal	Bottom of 8 5/8" steel casing = 43.36'
50		Joint 52.01; Sandpack; Screened interval	Top of Screen = 52.01
60		0.6' sand below screen; 2.0' Bentonite base plug	Bottom of Screen = 62.9'
			Total borehole depth = 65.5'
70			

Drill Site Geologist: _____ Date: 12/15/87

Reviewed By: _____ Date: _____

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7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP-26 BOREHOLE Well 23233, 23234
Project Name and Location RMA TASK 36 WELL INSTALLATION Project Number T36
Drilling Company BOYLES BROS. Driller BOB ROACH Rig Number FALCON-1500
Drilling Method(s) ROTARY WASH

Size(s) and type(s) of bit(s) 7 7/8" BLADE BIT, 3 7/8" HS DIAMOND BIT
Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 24 ft. ____ cm.
3 7/8 in. ____ cm. 24 ft. ____ cm. to 138 ft. ____ cm.
Sampling Methods CONTINUOUS CORE
Total Number Soil Sampling Tubes N/A
Total Number Core Boxes ____
Number of Gallons Lost Drilling Fluid 500 gal.
Date/Time Started Drilling 11/9/87 1140
Date/Time Completed Drilling 11/12/87 0840
Total Borehold Depth 138 ft. ____ cm.
Depth to Bedrock 23 ft. ____ cm.
Depth to Water — ft. ____ cm.
Water Level Determined By? N/A
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 11/12/87 0938
Depth of Tremmie Pipe 135'
Gallons of Grout 190 gal.
Materials Used 13 bags cement, 1.3 bg. bentonite, 130 gal. H2O
Comments ____

Wellsite Geologist A.E. Distelli Date 12/9/87
Checked for Grout Settlement on 12/8/87 by D. WEST
Amount of Grout Added 20 gallons ≈ 30 ft.
All Measurements from Ground Level
Reviewed by Steve Pace Date 2/2/88
Drill Site Geologist ____ Date ____

ESE, Inc. CORE LOG By SP Date 11/13/97 BORE EP-26 Well(s) _____ Page 1 of 6

Box no.	Depth	Rec. Int.	Water U	Water 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 .01 silt sd .1 gr mm 1.0 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
																			24.5'	PVC casing set to 24'. Begin coring at 24.5'
	25					Massive									10YR 5/4 Moderate yellowish brown			30% sand (fine grained)	CS	Claystone
	26	2.7/3'																		
	28	4.3/5													10YR 4/2 Dark yellowish brown					
	30														10YR 5/4 Moderate yellowish brown					
1	32														5Y 2/1 Olive black					
															10YR 4/2 Dark yellowish brown			20% silt		
	34	3.5/5			35°	Clay & Mud Laminations												40% silt		
	36				45°	Fe/Ca filled fractures												30% silt		
	38	1.9/5				Fining upward sequence												20% silt	38.8 SS	Sandstone, fine grained. Silty, friable
	40																			

Reviewed By _____ Date _____

BORE EP-26 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By SP Date 11/13/87 BORE EP-26 Well(s) _____ Page 2 of 2

Core Run	DEPTH	Rec. %	U	S	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness S	Hardness M	Hardness L	Perm. 1° H	Perm. 1° M	Perm. 1° L	Perm. 2° H	Perm. 2° M	Perm. 2° L	Mineralogy: Min.	Mineralogy: Habit	Color M	Color G	Texture/Grain Size clay sd gr mm .01 .10 100	Lith. Char.	Lith. Class	Description/Comments (Scale 1" = 2 ft)
1	42	9/5				massive												10YR 4/2 dark yellowish brown			25% silt	CS	Claystone, silty
	44	0/3				irregular fine bedding												5B5/1 med. bluish gray			10% clay 15% sand	St	Siltstone
	46	2b/3																					
																					30% silt	CS/SS	Claystone silty
						finely bedded to thinly bedded										2% mica 5% biotite 70% Quartz		N4/0 med dark gray			20% silt	SS	Sandstone 47.5' Oxidation boundary fine to medium grained, mod well cemented to friable
2	52	5/5				massive										10% feldspar 20% chert 5% [illegible] 5% [illegible]							grainsize increases to med to v. coarse grained sl. cemented to friable
	54	1/5																					
	56																						
	58	3/4																					
	60																						

ESE, Inc. BORE EP-26 WELL(S) _____

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By SP Date 11/13/87 BORE EP-26 Well(s) _____ Page 3 of 6

Core No.	Depth (ft)	Recovery (ft)	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness S	Hardness M	Perm. 1° H	Perm. 1° L	Perm. 2° H	Mineralogy: Min	Mineralogy: Habit	Color M	Color C	Texture/Grain Size clay sd gr mm .01 LO 100	Lith. Char.	Lith. Class	Description/Comments (Scale 1" = 2 ft)
	60	3/4		massive											20% clay char. clast	SS	SANDSTONE } clay stone chst up to 5/8"
	62		20°	thickly bedded								N5/0 med gray				63.0'	
		5/5		massive								5B5/1 med bluish gray			30% clay	St	Siltstone
	64											N6/0 med light gray				65.4'	
③												5B5/1 med bluish gray				cS 66.1'	Claystone, silty
	66															St 67.1'	Siltstone, clayey
	68	2.2/5								7% calc frag		5Y2/1 Olive black			10% silt	cS 70.3'	Claystone, silty
	70			finely bedded cross bedding								N7/0 light gray			15% silt	SS 73.3'	SANDSTONE, fine grained, silty, friable
	72	3/2															
	74	2.3/4		massive								5YR 2/1 Brownish black				cS	Claystone, silty
④				irregular fine bedding								5B5/1 med bluish gray to 5Y2/1 olive black			30% silt		
	76																
	78	2.4/5		massive								N3/0 Dark gray			15% silt		
		3.2/4.5															
	80																

ESE, Inc. BORE EP-26 WELL(S)

Reviewed By _____ Date _____

BSE, Inc. CORE LOG By SP Date 11/13/92 BORE EP-26 Well(s) _____ Page 4 of 6

Core Run	DEPTH	Rec. %	U	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 (Ft)	Texture/Grain Size cl ot sd gr mm CL	SI	LO	100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	82	92/95				Massive									5Y 4/1 olive gray							CS	Claystone
4	82				30°	open J/F																	
	84																						
	84	4/5																					
	86																						
5	88	5/95																			20% silt		
	88					Coarse sand filling									5Y 2/1 olive black								
	90																						
	92				40°	open J/F																	
	92					Massive							calcite cement quartz & clayey clasts		N5/0 Med gray						30% claystone clasts	92.5 SS	Sandstone, med. to v. coarse grained, mod. well cemented to sl. friable
	94	4.4/5																					
	94																						silty clay
	96																						
6	96																					97.0	
	98	5/4				Massive									N4/0 med dark gray							CS	Claystone

SE, Inc. BORE EP-26 WELL(S)

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By SP Date 11/13/87 BORE EP-26 Well(s) _____ Page 5 of 6

BORE EP-26 WELL(S)

Box #	Depth	Rec. %	U	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	Color: G	Texture/Grain Size: Cl	Texture/Grain Size: Si	Texture/Grain Size: Sd	Texture/Grain Size: Gr	Lith. Char.	Lith. Class	Description / Comments (CM Scale 1" = 2 ft)
6	102	2.3 / 2				Massive										N 4/0 med dark gray						15% silt	CS	Claystone
	104	4/5														5Y 2/1 olive black								
	106													5% clam frags										
	108																						108.5'	
	110	5/5				Massive								3% clam frags 5% mica		N 7/0 light gray to 5B 5/1 med bluish gray						20% ↓ clay 40%	SS	Sandstone, fine to medium grained, mod well cemented to sl. friable; clay content increases ↓
	112				7° 30° 100°	Massive; bpSTR open silk open silk										5Y 2/1 olive black							110.7' CS	Claystone
7	114	3.1 / 5																					115.0'	
	116					Massive								5% muscovite		N 4/0 med lt. gray							SS	Sandstone, medium to coarse grained, v. well cemented,
	118	5/5				Faintly bedded to laminated																	117.5' St	Siltstone, v. sandy
8	120																							

Reviewed By _____ Date _____

ESE, Inc. CONT LOG By SP Date 12/3c/14 BORE EP-26 Well(s) _____ Page 6 of 6

DEPTH	Rec. Int.	U	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: Matrix	Color M	Color (G)	Texture/Grain Size (clay as of mm 0.1 1.0 10.0 100)	Lith. Char.	Lith. Class	Description/Comments (CM (Scale 1" = 2 ft))
120	5/5				Small ripples to laminated massive							5% K-spar 40% Quartz 50% [illegible]		5Y 6/1 lt. Olive gray				St	Siltstone, with sandstone lenses
121.5																			
122																		SS	SANDSTONE, v. coarse grained, [illegible] v. well cemented
124	9/5																		
126																			
128	9/1			20°	Occasional thin band							5% biotite 5% muscovite		N7/0 lt. gray					Grain size decreases. Fine to medium grained
130	3.7/4			10° S/E	Massive							2% chl		5Y 4/1 Olive gray			20% sand	CS	Claystone
130.5																			
132																			
134	0/5																		
136																			
138	1.3/1																		TOTAL DEPTH 138.0'

ESE, Inc. BORE EP-26 WELL(S)

Reviewed By _____ Date 1-7

Frontier Logging
Lakewood, Colorado

Company: ESE
Bore Hole: EP-26
Area/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Sector:
Township:
Range:
Elevation:
Log Measured From: Ground Level
Drilling Measured From: Ground Level

Date: Nov. 12, 1987
Driller Depth: 138 Ft
Size: 3 1/8"
Casing Depth: PVC 24 Ft
Fluid in Hole: Native Mud
Density/Viscosity:
pH:
Miles Round Trip:
Standby:
Time On: 0850
Time Off: 0925
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood

EQUIPMENT DATA

TD Logged: 137 Ft
Natural Gamma: 200 Scale = 20 CPS per Inch
Time Constant: 2 Sec
Logging Speed: 15 Ft/Min
Gamma Source Nominal: CPS
Probe No: 103-1421
Probe Diameter: 1 5/8"
Detector Type Size: xtal 3/4 x 1"
K Factor: 2.38 x 10^{-5}
Dead Time: 9 Microsec
Water Factor: for hole size
Casing Factor: for drill pipe
Resistance: 40 ohms/5"
Ohms per 5 Inches
SP: 30 MV/Inch
MV per

NATURAL GAMMA RERUNS (ANALOG)
(plotted log off scale)

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

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

DIRECTIONAL DATA

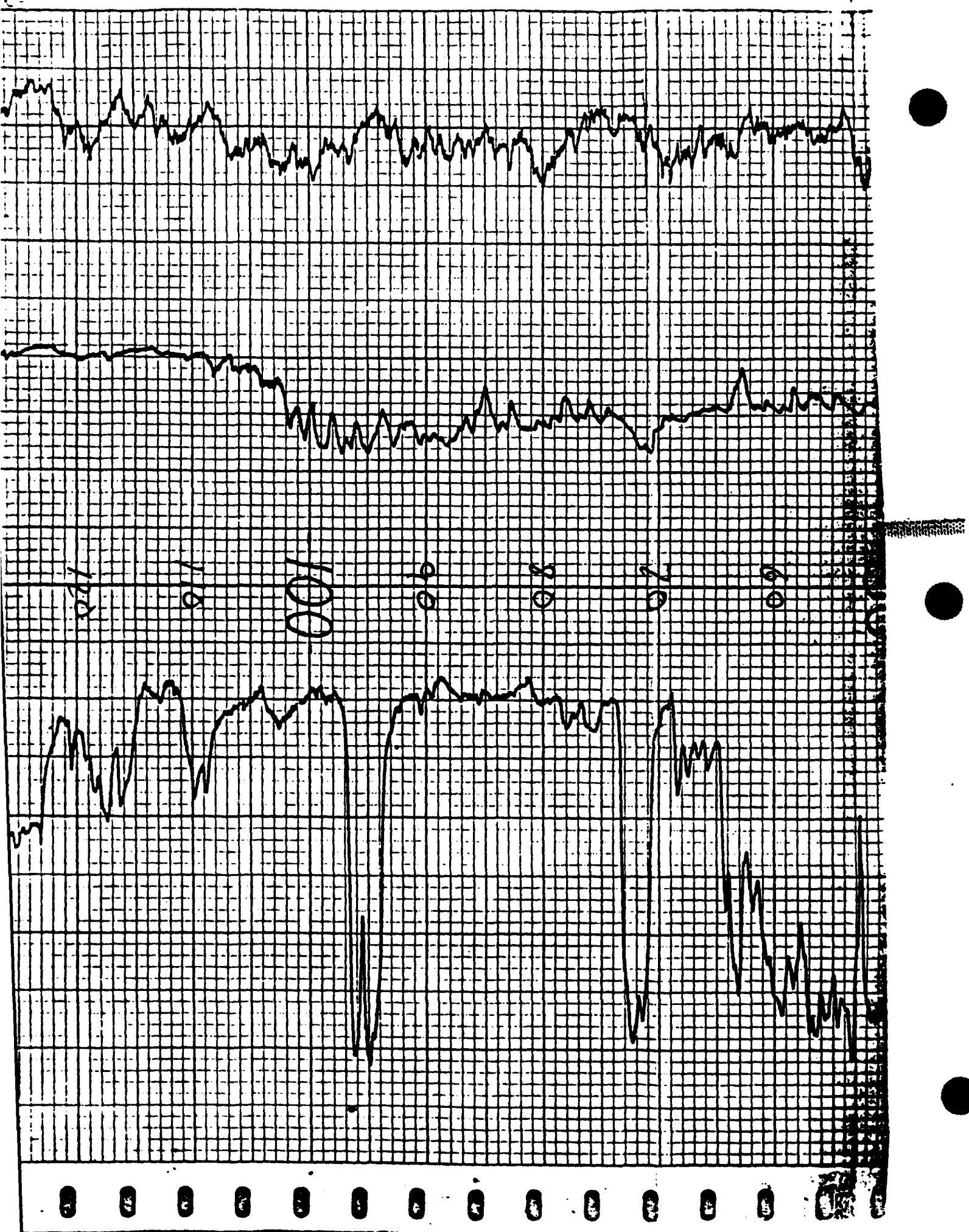
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Azimuth
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Survey Depth Ft

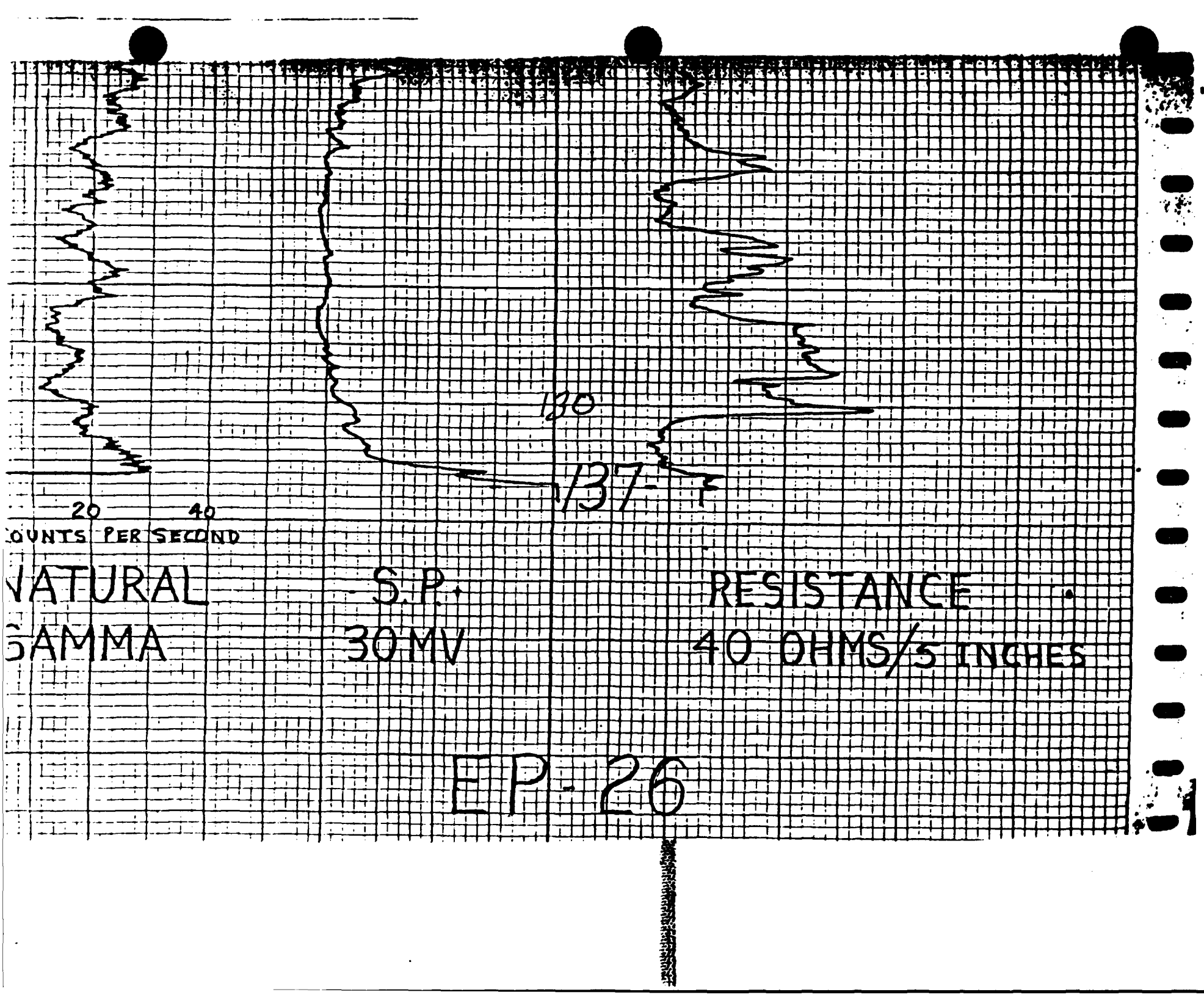
Density Source No
Type Strength
CPS/Inch
Ft
Neutron Source No
Type Strength
CPS/Inch
Ft

0 20 40
COUNTS PER SECOND
NATURAL
137
SP
RESISTANCE

Counts
0
20
30
40
50
60
COUNTS PER SECOND
20
40

FRONTIER LOGGING CORPORATION




120
137
20
40
OUNTS PER SECOND
NATURAL
GAMMA
S.P.
30 MV
RESISTANCE
40 OHMS/5 INCHES
EP-26

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP27D1 Well 23227

Project Name and Location MW1 Installation Project Number Task 36

Drilling Company Boyles Driller B. Roach Rig Number Failing 1500

Drilling Method(s) rotary

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 21 ft. ____ cm.
7 7/8 in. ____ cm. 21 ft. ____ cm. to 39 ft. ____ cm.

Size(s) and types of Bit(s) 12 1/4" blade bit, 7 7/8" blade

Size and Type PVC 4" sched. 40

Total Borehole Depth	39 ft. ____ cm.	Sampling Method(s)	not sampled
Depth to Bedrock	18 ft. ____ cm.	Date/Time Start Drilling	7.22.87 1226
Depth to Water	— ft. ____ cm.	Date/Time Finish Drilling	7.22.87 1315
Water Level Determined By	—	Date/Time Start Completion	7.23.87 0725
Length Plain PVC (total)	35.05 ft. ____ cm.	Date/Time Cement Protective Casing	7.23.87
Length of Screen	5.65 ft. ____ cm.	Materials Used	
Total Length of Well Casing	40.7 ft. ____ cm.	Plain PVC	4x10'
PVC Stick Up	1.7 ft. ____ cm.	Slotted PVC	1x5'
Depth to Bottom of Screen	39 ft. ____ cm.	Bentonite Pellets	2 buckets
Depth to Top of Screen	33.35 ft. ____ cm.	Bentonite Granular	1/3 bag
Depth to Top of Sand	30.5 ft. ____ cm.	Cement	3 bags
Depth to Top of Bentonite	26.5 ft. ____ cm.	Sand	1 bag
		Water added during completion	—
		Water added during drilling	—
		Total Gallons of water added	—

Drill Site Geologist L D. Benson Date 7.23.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ≈ 7/30/87/1400/RAG & B.G

Date/Time/Personnel Casing Painted 08/07/87/1500/DLW & KLC

Date/Time/Personnel Numbers Painted ≈ 08/10/87/0930/DLW & TJB

Materials Used 1# bags concrete

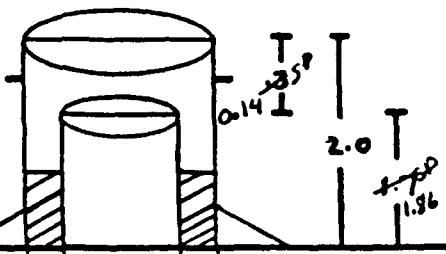
Top of Protective Casing to Top of PVC	0.14 ft. ____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	0.94 ft. ____ cm.	Bob & Jim Georgia installed well pads for EP-27D1/D2, no exact date on record
Top of Protective Casing to Internal Mortar	1.08 ft. ____ cm.	
Top of Protective Casing to Top of Cement Pad	1.76 ft. ____ cm.	
Top of Protective Casing to Ground Level	2.00 ft. ____ cm.	

Reviewed By [signature] Date 2/16/88

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP 27D1 Well: 23227

Depth-Feet	Soil/Rock Type	Well Completion	Description
			

Bedrock 18'
Stell casing set to 19'
TOP OF BENTONITE SEAL 26.5'
TOP OF SAND 30.5'
TOP OF SCREEN 33.35'
Total Depth 39'

Drill Site Geologist: C. D. Benson Date: 7-23-87
Reviewed By: [signature] Date: 2/2/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP27 D2 Well 23228

Project Name and Location NWI Installation Project Number Task 36

Drilling Company Boyles Driller B. Roach Rig Number Failing 1500

Drilling Method(s) Rotary

Borehole Diameter	16 1/2 in.	cm.	0 ft.	cm. to	21.5 ft.	cm.
	11 7/8 in.	cm.	21.5 ft.	cm. to	40 ft.	cm.
	7 7/8 in.		40		55	

Size(s) and types of Bit(s) 16 1/2" Hadley
11 7/8" blade, 7 7/8" bit

Size and Type PVC 4" Sched. 40

Total Borehole Depth	55 ft.	cm.
Depth to Bedrock	19 ft.	cm.
Depth to Water	— ft.	cm.
Water Level Determined By	—	
Length Plain PVC (total)	50.3 ft.	cm.
Length of Screen	5.7 ft.	cm.
Total Length of Well Casing	56 ft.	cm.
PVC Stick Up	1.6 ft.	cm.
Depth to Bottom of Screen	54.4 ft.	cm.
Depth to Top of Screen	48.7 ft.	cm.
Depth to Top of Sand	47 ft.	cm.
Depth to Top of Bentonite	43 ft.	cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 7-21-87 1003

Date/Time Finish Drilling 7-22-87 0655

Date/Time Start Completion 7-22-87 0714

Date/Time Cement Protective Casing 7-22-87 0907

Materials Used

Plain PVC	5 x 10"
Slotted PVC	1 x 5"
Bentonite Pellets	1 bucket
Bentonite Granular	1/2 bag
Cement	4 bags
Sand	2 bags
Water added during completion	—
Water added during drilling	—
Total Gallons of water added	—

Drill Site Geologist C. Benson Date 7-22-87

Date/Time/Personnel internal Mortar, Cement Pad, and Weep Hole Installed ≈ 7/20/87 / 1400 / RAG & BG

Date/Time/Personnel Casing Painted 08/07/87 / 1500 / DLW & RMC

Date/Time/Personnel Numbers Painted ≈ 08/10/87

Materials Used 12-14 bags Sacrete.

Top of Protective Casing to Top of PVC	0.35 ft.	cm.
Top of Protective Casing to Weep Hole	1.5 ft.	cm.
Top of Protective Casing to Internal Mortar	1.78 ft.	cm.
Top of Protective Casing to Top of Cement Pad	1.95 ft.	cm.
Top of Protective Casing to Ground Level	2.00 ft.	cm.

COMMENT/NOTES

Tim & Bob Gripper installed well pads on EP-27 D1/D2 ; no exact date on record

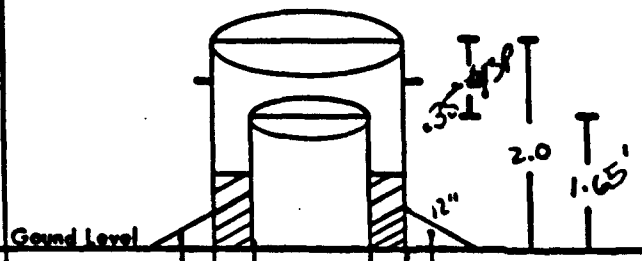
Reviewed By [signature] Date 2/2/88

Drill Site Geologist _____ Date _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP2702 Well: 23228

Depth-Feet	Soil/Rock Type	Well Completion	Description



5
10
15
20
25
30
35
40
45
50
55

8.43 jt.

18.49 jt.

28.56 jt.

38.63 jt.

12" steel casing to 21.5 ft.

8" steel casing to 40 ft.

TOP OF BENTONITE 43'
TOP OF SAND 47'
TOP OF SCREEN 48.7'

4" PVC to 54.4 ft.
Total Depth 55 Ft.

Drill Site Geologist: C Kenson Date: 7.22.87

Reviewed By: [signature] Date: 8.8.89 2/2/88

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

BOREHOLE SUMMARY LOG

Borehole EP-27 Well 23227, 23228

Project Name and Location RMA T39, NE 1/4 sec. 23 Project Number M055.074.10

Drilling Company Hayes Brothers Driller D. Ferris Rig Number ER TN-60

Drilling Method(s) 3¼" I.D. H.S. auger, 2' split sample barrel, 0.18" sample shoe, "Moss" system

Size(s) and type(s) of bit(s) 3¼" I.D. H.S. continuous flight augers w/ sample gear.

Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 16 ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Sampling Methods 2' split sample barrel w/ 0.18 sample shoe, "Moss" system

Total Number Soil Sampling Tubes 8 - two foot tubes

Total Number Core Boxes 2

Number of Gallons Lost Drilling Fluid none

Date/Time Started Drilling 12/23/87 0855

Date/Time Completed Drilling 12/23/87 0935

Total Borehold Depth 16.0 ft. ____ cm.

Depth to Bedrock 15.3 ft. ____ cm.

Depth to Water 10.0 ft. ____ cm.

Water Level Determined By? Sample saturation

Borehole Completed as Monitoring Well? no

Date/Time Grouting Completed 12/23/87 1015

Depth of Tremmie Pipe n/a

Gallons of Grout 35-45 gallons

Materials Used 3 bags Type II Ptn. Cement

Comments HLA Field Book: #3

Wellsite Geologist L.F. Pearce Date 1/7/88

Checked for Grout Settlement on 1/9/88 by L.F. Pearce

Amount of Grout Added none need

All Measurements from Ground Level

Reviewed by L.F. Pearce Date 2/16/88

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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ENGLEWOOD, COLORADO 80112 • 303/741-0639

BOREHOLE SUMMARY LOG

Borehole EP-27 Well 23227 & 23228

Project Name and Location MW Installation Project Number Task 36

Drilling Company Boyles Driller B. Roach Rig Number Failing 1500

Drilling Method(s) Rotary

Size(s) and type(s) of bit(s) 11 3/4" auger, 3 7/8" tricone

Borehole Diameter 11 3/4 in. ____ cm. 0 ft. ____ cm. to 27 ft. ____ cm.

3 7/8 in. ____ cm. 27 ft. ____ cm. to 58 ft. ____ cm.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 3

Number of Gallons Lost Drilling Fluid 200

Date/Time Started Drilling 6·29·87 0804

Date/Time Completed Drilling 6·30·87 1043

Total Borehold Depth 58 ft. ____ cm.

Depth to Bedrock 17 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 0815 6·30·87

Depth of Tremmie Pipe 55'

Gallons of Grout 50

Materials Used 50 gals. water, 5 bags cement, ½ bag bentonite

Comments hole grouted to surface

Wellsite Geologist C.D. Benson Date 6·30·87

Checked for Grout Settlement on 7/2/87 by [signature]

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by [signature] Date 2/17/88

Drill Site Geologist ____ Date ____

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

Borehole: EP-27 Well Number: 23227, 23228

Depth-feet	Tube Number Tube Interval	Recovery (feet)	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description (Munsell Colors)
1	0-2	2	NA	0-2	ML	Clayey silt, 10-20% clay, 10YR 3/3, dk brn, some root & organic fragments, fr sand, loose, sl plas, moist alluvium.
1.5						At 1.5'; color changes to 10YR 5/4, yell brn, clay increases to 20-30%
2					CL	At 2.0'; Silty clay, 10-20% silt, 10YR 4/4, dk yell. brn, sl plas, soft - med stiff, moist alluvium.
3	2-4	2		2-4	SC	At 2.8'; clayey sand, 10-20% clay, pred vf-f grained sand w/ trace med., 10YR 5/4,6, yell brn, loose, v sl plas, moist alluvium.
4						
5	4-6	2		4-6	SM	At 4.8'; silty sand, 10-30% silt, pred f grained sand w/ some med & fr coarse sand, 10YR 4/6 yell brn, loose, non plas, moist alluvium.
						30% fine
6					SP	At 5.7', poorly grd sand, 30% med, 40% coarse fra. subrounded, lo cem. reworked, 10YR 5/4 yell brn, pred qtz w/ minor feldspar, mic, occ mica, moist alluvium

Drill Site Geologist: C.J. Fraser Date: 1/9/87

Reviewed By: [signature] Date: 2/3/87

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

Borehole: EP-27 Well Number: 23227, 23228

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description Munsell Colors
6			NA.		CL	At 6.0'; silty clay, 10-30% silty, fr f-med sand, 10YR 4/4, dk yell. brn, sl plas soft-sl stiff, moist alluvium.
7	6-8	2'		6-8		
7.7					SP	At 7.7'; poorly graded sand, 20% fine, 50% med, 30% co ~~rse~~ sand- ended, 10YR 5/4 yell. brn, pred. qtz., loose, non-plas, moist alluvium.
8						
8.2					CL	At 8.2'; silty clay, 10-30% silt, fr f sand, 10YR 5/4 w/ mottled CaCO3 10YR 7/3 v pale brn, sl-m plas, soft, moist, alluvium
9	8-10	2'		8-10	SP	At 9.0'; poorly graded sand, 20% fine, 30% med, 50% coarse pred sub rnd, 10YR 5/4 yell. brn, pred qtz w/ some feldspar, loose, wet. alluvium.
					CL	At 9.5'; silty clay, 10-30% silt, fr f-med sand, 10YR 5/4 yell brn w/ mottled CaCO3 10YR 7/3 v. pale brn, sl-m plas, soft, ~~wet~~ moist alluvium. ~~At 10.0'~~ P/P
10						
11	10-12	2'		10-12	CL	At 10.5'; sandy-gravelly clay, 10-30% coarse-pebble sand & gravel, pred subrounded, qtz & feldspar, sl plas, saturated at 10.5', alluvium
12			▽			At 11.8'; sandstone cobble.

Drill Site Geologist: C.J. Pence Date: 1/7/87

Reviewed By: [illegible] Date: 3-2-87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0630

SHEET 3 OF 3

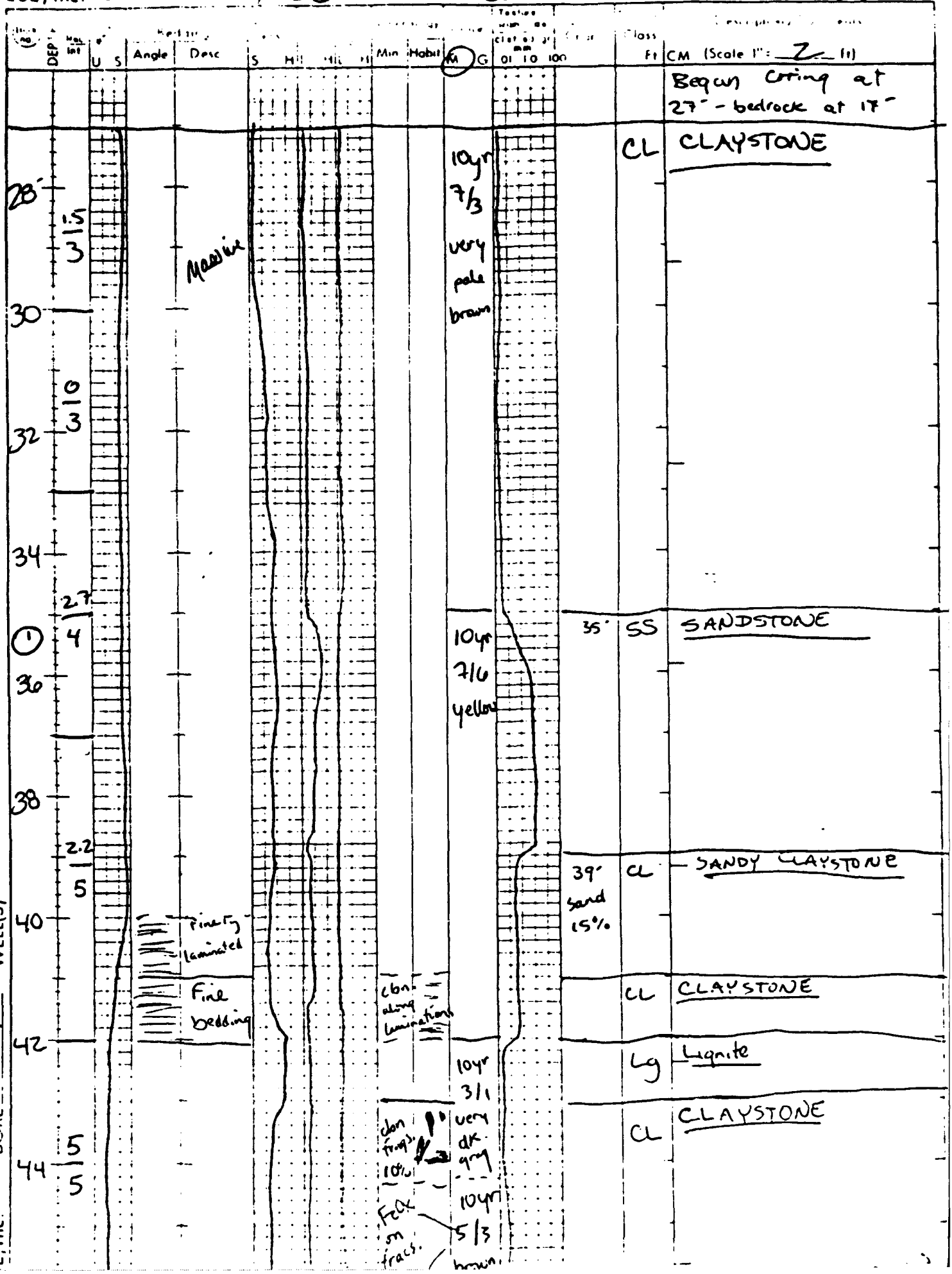
Borehole: EP-27 Well Number: 23227, 23228

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell colors
12			NA			NO RECOVERY
13	12-14	0.8'		6		
13.2					GW	At 13.2'; gravel-sand, 10% med grained, 50% coarse grnd, 40% pebble size, subrnd-subangular, pred qtz w/ 10-20% K. feldspar, 10YR 6/2 lt brnish gray, loose, non plas, saturated all.
14						abnt cobbles
15	14-16	2'		9		
15.6					CL	At 15.6'; claystone, 10YR 5/2 grayish brn, w/ mottled 10YR 6/6 brnish yell FE staining plas stiff - very stiff w/ brittle.
						END OF BORING LOG

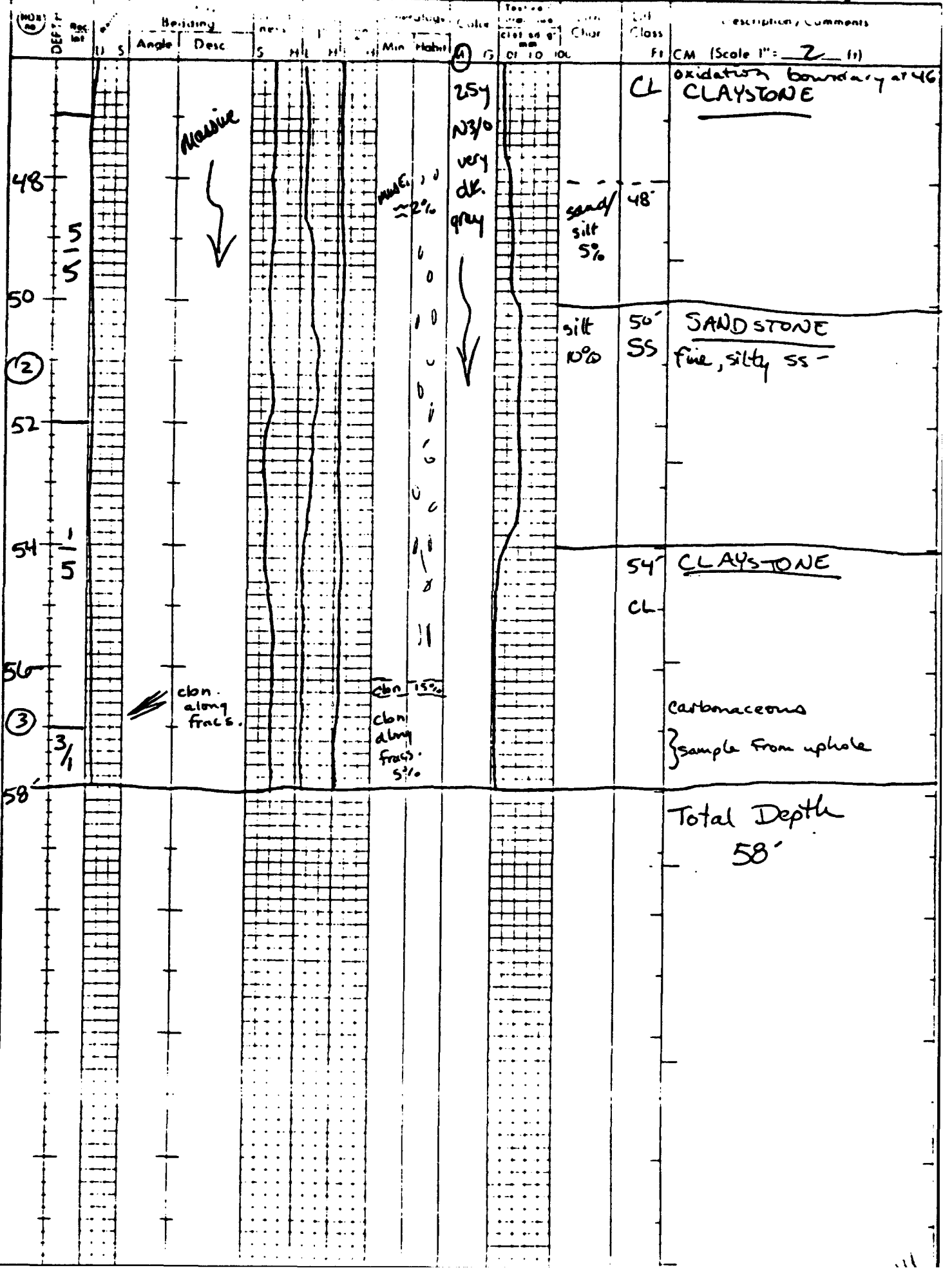
Drill Site Geologist: [illegible] Date: 11/1/87

Reviewed By: [illegible] Date: [illegible]

ESE, Inc. CORE LOG By CDB Date 6-29-87 BORE EP 27 Well(s) _____ Page 1 of 2



ESE, Inc. CORE LOG By CDB Date 6.29.87 BORE EP2-T Well(s) _____ Page 2 of 2



BORE EP-2T WELL(S)

ESE, Inc.

Frontier Logging
Lakewood, Colorado

Date JUNE 29, 1987

Company ESE

Well Name EP 27

Area/Project RMA

County ADAMS COUNTY | State COLORADO

Section | Township | Range | Elevation

Log Measured From Ground Level

Driller Depth 58 Ft | Miles Round Trip | Standby

Bit Size 3 7/8" | Time In 1210 | Time Out 1230

Casing Depth 28 Ft | Fluid in Hole Native mud & water | Unit No. 110

Density/Viscosity | pH | Operator Wm. Linton

Drilling Measured From Ground Level | Location Lakewood

EQUIPMENT DATA

TD Logged 57 Ft

Natural Gamma 200 Scale = 20 CPS per Inch

Time Constant 2 Sec | Logging Speed 15 Ft/Min

Calibrator Value CPS

Probe No 103 ~~1546~~ | 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

Mud Factor 1.10 for hole size 3 7/8"

Casing Factor for wall thk

Resistance Ohms per 5 Inches

SP MV per Inch

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

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

Gamma (Analog) Ft | Density Source No

Gamma (Digital) Ft | Type | Strength

Caliper Ft | CPS/inch

Temperature Ft

DIRECTIONAL DATA

Closure Ft | Neutron Source No

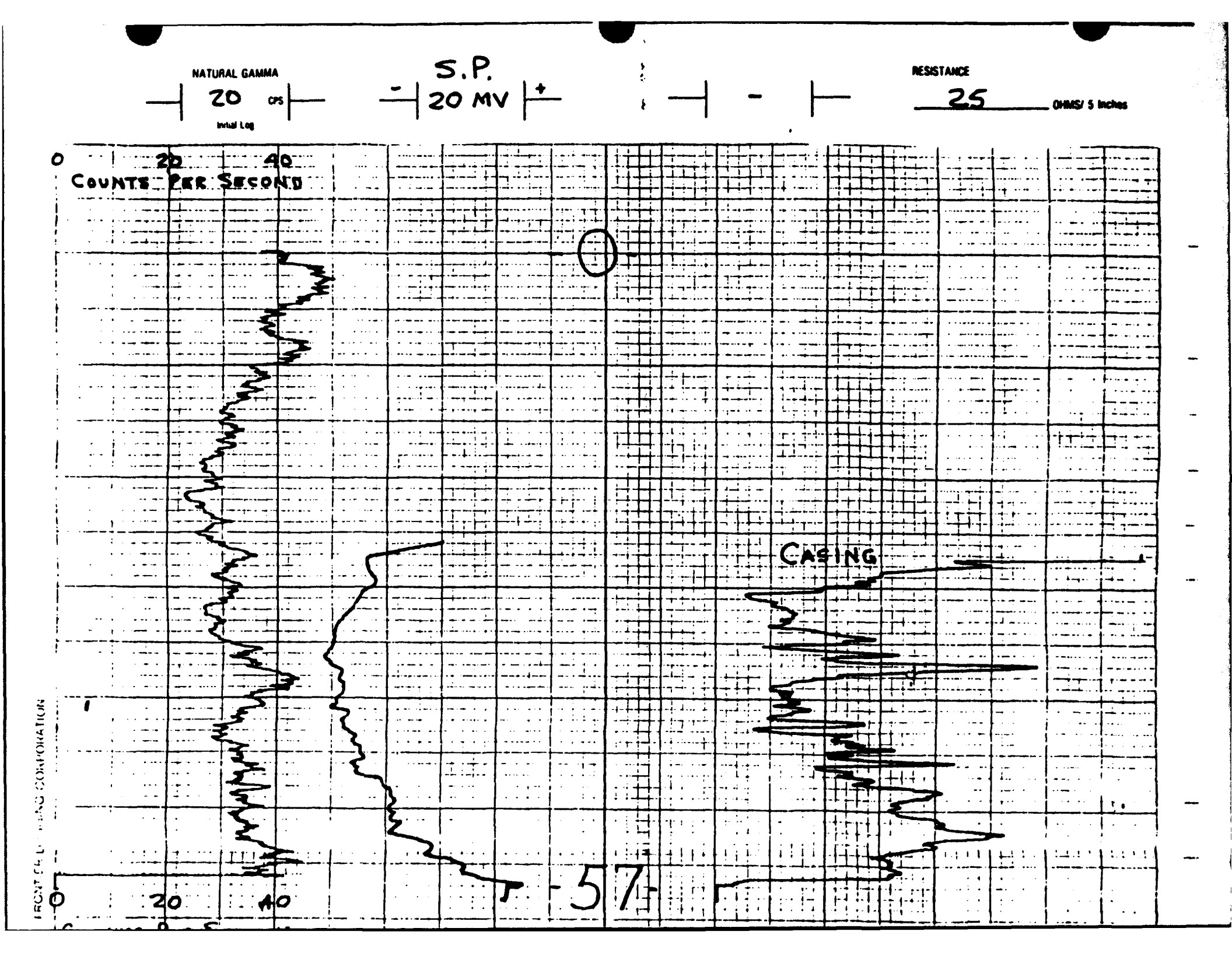
Azimuth | Type | Strength

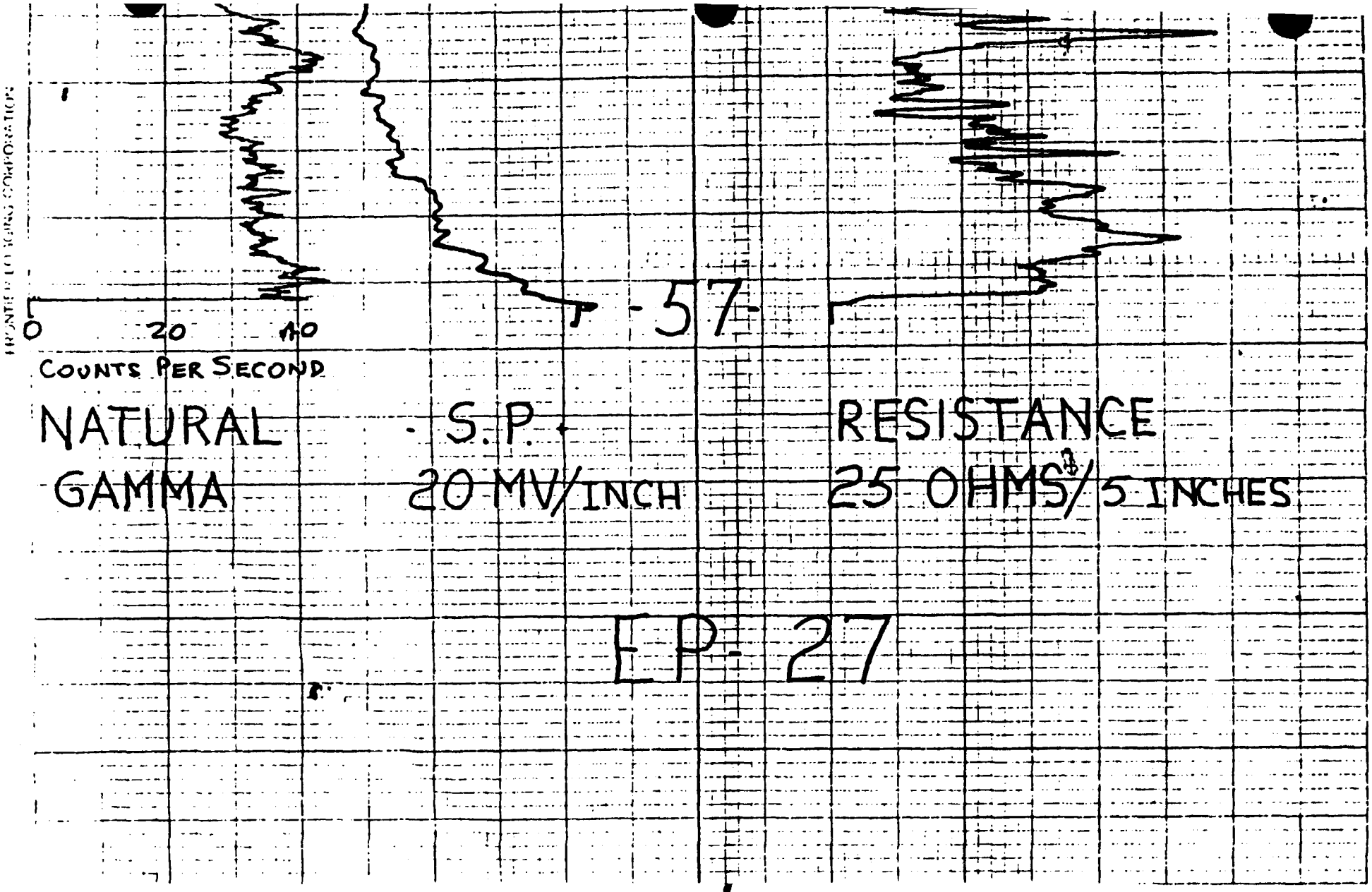
True Vertical Ft | Survey Depth Ft | CPS/inch

NATURAL GAMMA — 20 CPS — Initial Log

S.P. — (-) 20 MV (+)

RESISTANCE — 25 OHMS/ 5 Inches


NATURAL GAMMA
20 CPS
Initial Log
S.P.
- 20 MV +
RESISTANCE
25 OHMS/ 5 Inches
0
20
40
COUNTS PER SECOND
0
CASING
1
0
20
40
-57-


0
20
40
COUNTS PER SECOND
T-57
NATURAL GAMMA
S.P.
20 MV/INCH
RESISTANCE
25 OHMS/5 INCHES
EP-27

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BOREHOLE SUMMARY LOG

Borehole EP-28 Well —

Project Name and Location New Installation - Task 36 Project Number —

Drilling Company Boyles Driller B. Roach Rig Number Failing 1500

Drilling Method(s) auger, rotary

Size(s) and type(s) of bit(s) 12¼" auger

Borehole Diameter 12¼ in. — cm. 0 ft. — cm. to 20 ft. — cm.

3⅞ in. — cm. 20 ft. — cm. to 57 ft. — cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 3

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 6·26·87 0809

Date/Time Completed Drilling 6·26·87 0943

Total Borehold Depth 57 ft. — cm.

Depth to Bedrock 14 ft. — cm.

Depth to Water — ft. — cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 6·26·87 1400

Depth of Tremmie Pipe 55'

Gallons of Grout 50

Materials Used 5 bags cement, 50 gals water, ¼ bag bentonite

Comments —

Wellsite Geologist C Kenson Date 6·26·87

Checked for Grout Settlement on — by —

Amount of Grout Added —

All Measurements from Ground Level

Reviewed by — Date —

Drill Site Geologist — Date —

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Borehole: EP-28A 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'	1.0'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	CLAY, 30% sand, fine grained, 5Y 4/2 olive, moist, very stiff, low plastic
2'						color change at 2.0' to 2.5Y 5/4, light olive brown, medium plastic
3'	2 2.0'-4.0'	1.2'/2.0'				
4'						
5'	3 4.0'-6.0'	1.3'/2.0'				
6'					SM	Silty Sand, 15% silt, fine to coarse grained Sand, moist 2.5Y 5/6, light olive brown, non plastic
7'	4 6.0'-8.0'	1.7'/2.0'			CL	CLAY, 5% sand, coarse grained, 2.5Y 4/4 olive brown, moist, very stiff, calcareous medium plastic color change at 8.5' to 2.5Y 7/4 pale yellow also becomes very calcareous
8'						
9'	5 8.0'-10.0'	1.5'/2.0'				
10						

Drill Site Geologist: Steve Pace Date: 7/16/87

Reviewed By: Peter R. Guest Date: 7/27/87

7222 SOUTH ALTON WAY • SUITE M-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-28A 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'	2.0'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	CLAY color change at 10.5' to 2.5Y 5/2, greyish brown, small Fe nodules, Ca crystals medium plastic color change at 12.0' to 5Y 6/2 light olive, grey, sand increases to 10%, (weathered bedrock
12						
13	7 12.0'-14.0'	1.9'/2.0'				
14						
15	9 14.0'-16.0'	1.2'/2.0'				14.8' clay stone Bedrock, ~~2.5Y~~ SP 5Y 5/4 olive, small calcite or gypsum crystals, moist, med to high plastic, very stiff, fe staining
16						
17	9 16.0'-18.0'	0.0'/2.0'				
18						
19	10 18.0'-20.3'	2.3'/2.3'				
20						TOTAL DEPTH 20.3'

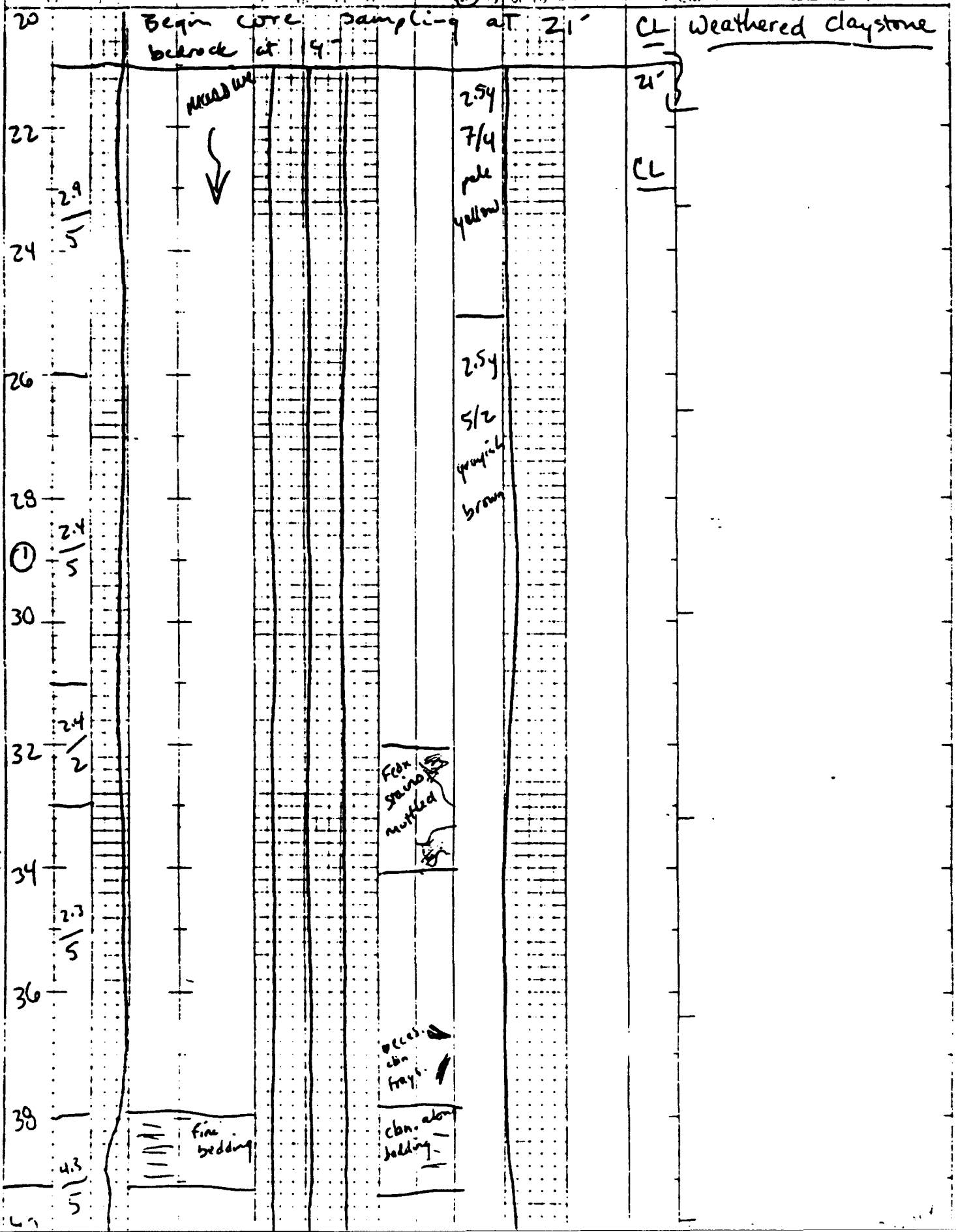
Drill Site Geologist: Steve Pace Date: 7/16/87

Reviewed By: Date:

CDB Date 6-26-87 BORE ER'28 Well(s) _____ Page 1 of 2

Angle Dev. Min Hobbs (M) S Ot To Description/Comments

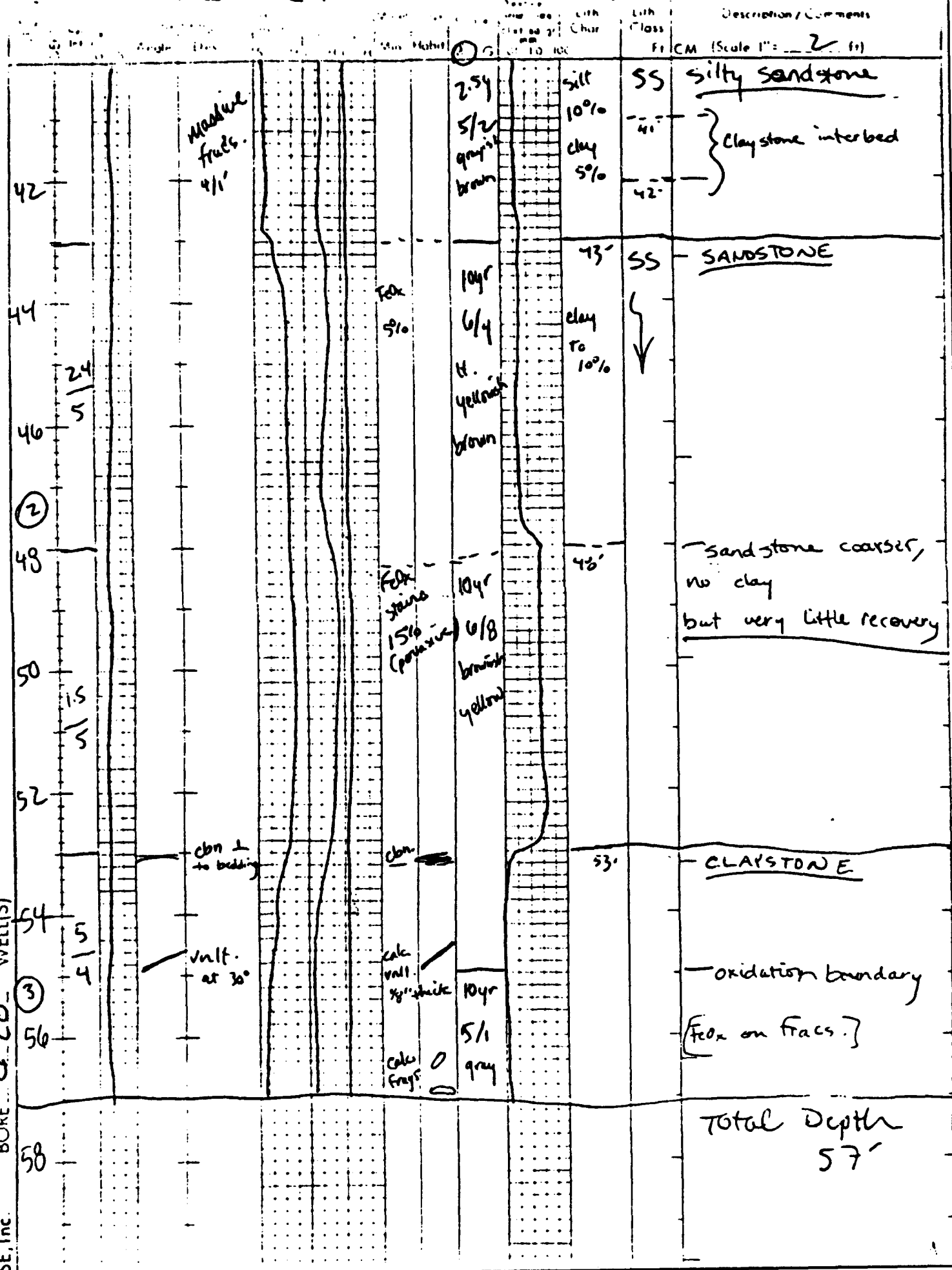
FT CM (Scale 1" = 2 ft)



BORE ER'28 WELL(S)

Inc

CDB 6/26/87 EP-28 Well(s) _____ Page 2 of 2



Frontier Logging
Lakewood, Colorado

Date: JUNE 26, 1987

Property: ESE
Well No.: EP-28
Job/Project: RMA
County: Adams County
State: Colorado
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level
Drilling Measured From: Ground Level

Driller Depth: 57 Ft
Bit Size: 3 7/8"
Casing Depth: 20 Ft
Fluid In Hole: native mud & water
Density/Viscosity:
pH:
Miles Round Trip:
Standby:
Time In: 1035
Time Out: 1220
Unit No.: 110
Operator: W. Linton
Location: Lakewood

EQUIPMENT DATA

TD Logged: 54 Ft
Inside Pipe
Natural Gamma: 100 Scale = 10 CPS per inch
Time Constant: 2 Sec
Logging Speed: 15 Ft/Min
Calib. Source Number: = 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
Water Factor: for new hole
Casing Factor: for cased hole
Resistance: Ohms per 5 Inches
SP: MV per Inch

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

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

open hole log to 29 Ft
two other attempts to get deeper (26 Ft)(34 Ft) (sticky shale) (hole bridged)

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

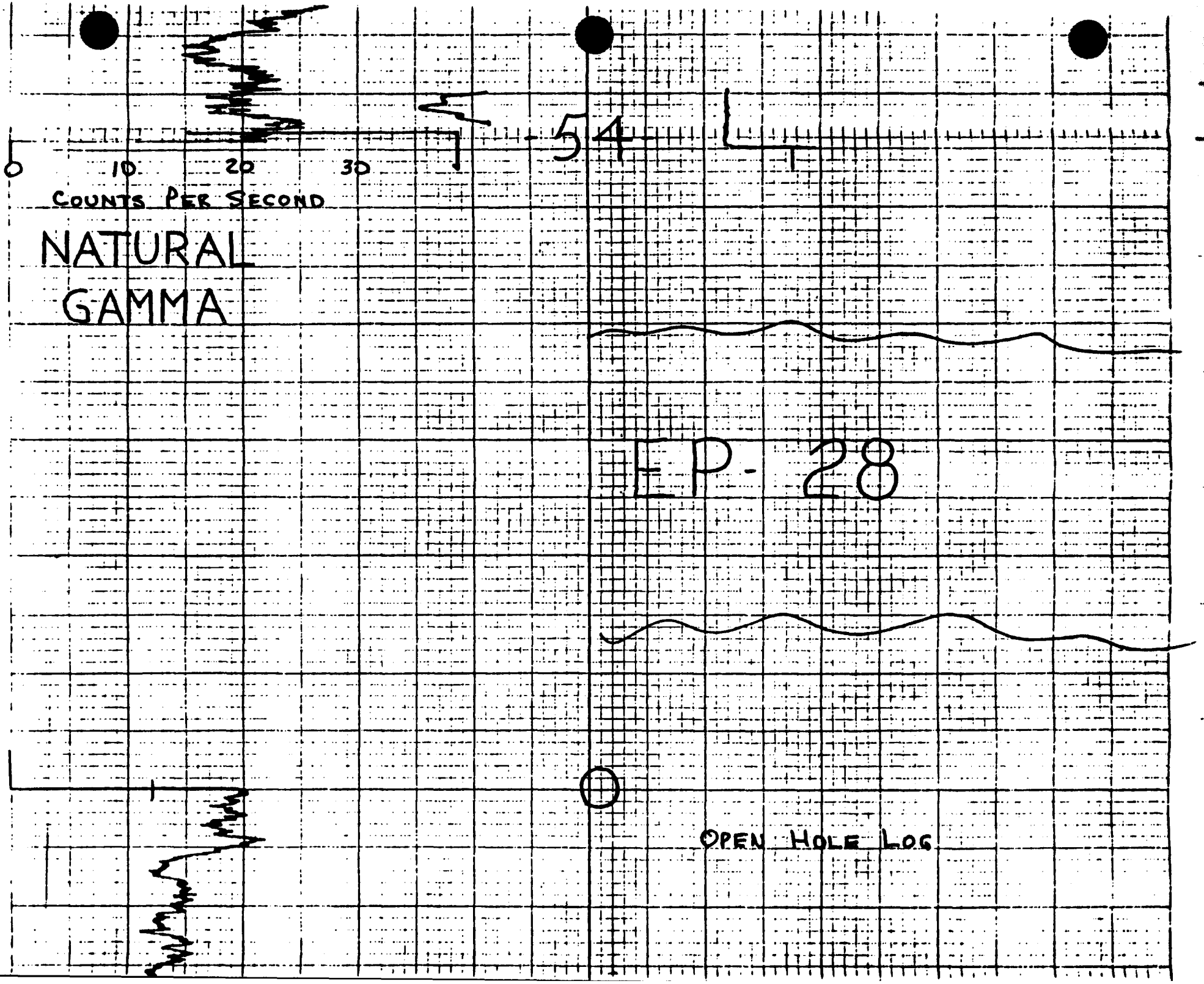
DIRECTIONAL DATA
Closure Ft
Azimuth
True Vertical Ft
Survey Depth Ft

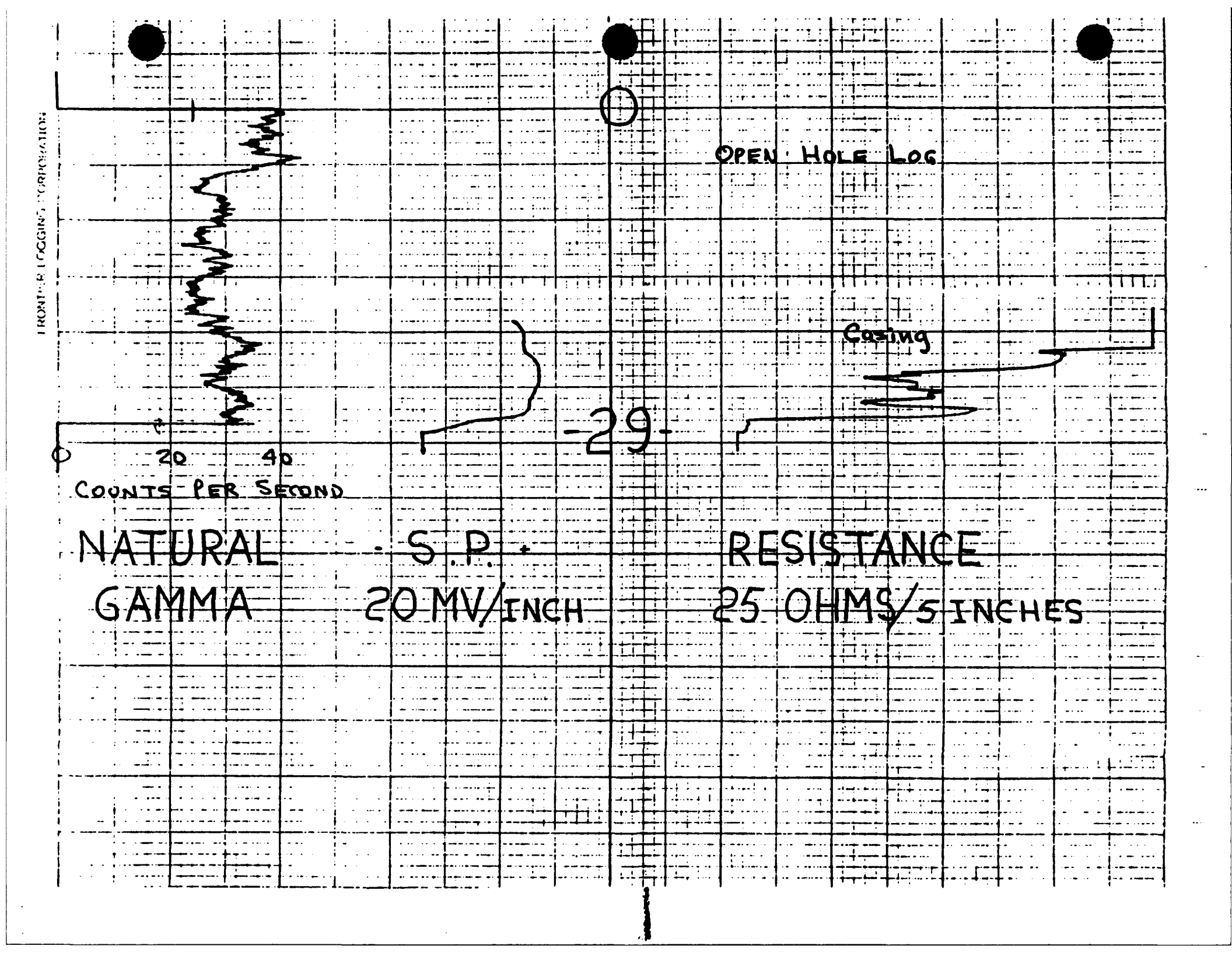
Density Source No
Type Strength
CPS/inch
Neutron Source No
Type Strength
CPS/inch

NATURAL GAMMA
10 CPS
Initial Log

RESISTANCE
OHMS/ 5 Inches

0 10 20 30


0
10
20
30
COUNTS PER SECOND
NATURAL
GAMMA
-54
EP-28
0
OPEN HOLE LOG
LOGGING CORPORATION


FRONTIER LOGGING CORPORATION
OPEN HOLE LOG
Casing
-29-
0
20
40
COUNTS PER SECOND
NATURAL
GAMMA
- S.P. +
20 MV/INCH
RESISTANCE
25 OHMS/5 INCHES

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WELL CONSTRUCTION SUMMARY

Borehole E32D1 Well ~~#24189~~ JR 23218

Project Name and Location Well Installations Project Number 17053.07.10

Drilling Company Boyles Driller Roach Rig Number

Drilling Method(s) Rotary

Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.
7 7/8 (DB) in. ____ cm. 30 ft. ____ cm. to 59 ft. ____ cm.

Size(s) and types of Bit(s) 12" rock bit
7 7/8" (DB) blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth 59 ft. ____ cm.

Depth to Bedrock 22 ft. ____ cm.

Depth to Water NA ft. ____ cm.

Water Level Determined By —

Length Plain PVC (total) 50.7 ft. ____ cm.

Length of Screen 10.7 ft. ____ cm.

Total Length of Well Casing 61.4 ft. ____ cm.

PVC Stick Up 2.4 ft. ____ cm.

Depth to Bottom of Screen 58 ft. ____ cm.

Depth to Top of Screen 47.3 ft. ____ cm.

Depth to Top of Sand 45.5 ft. ____ cm.

Depth to Top of Bentonite 41.9 ft. ____ cm.

Sampling Method(s) NONE

Date/Time Start Drilling 3.5.87 0840

Date/Time Finish Drilling 3.5.87 0947

Date/Time Start Completion 3.5.87 1028

Date/Time Cement Protective Casing 3.5.87 1235

Materials Used

Plain PVC 5 x 10'

Slotted PVC 1 x 10'

Bentonite Pellets 1 bucket

Bentonite Granular 1 bag

Cement 9 bags

Sand 2 bags

Water added during completion ~ 300 gals. } no water
Water added during drilling ~ 200 gals. } was poured
Total Gallons of water added 0 500 gals. } on ground
all fluids recovered from well } not

Drill Site Geologist C Benson

Date 3-5-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/01/87 P.J. Beck

Date/Time/Personnel Casing Painted 4/9/87 0800 RJB.

Date/Time/Personnel Numbers Painted 04/09/87 0900 RJB

Materials Used 13 Bags Concrete 1 Bag Silica Sand 2 Bag Cement

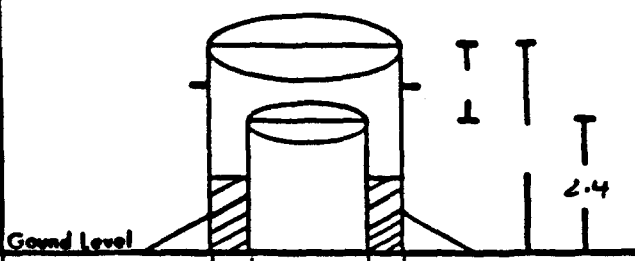
Top of Protective Casing to Top of PVC	2.54 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	2.55 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	2.55 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	2.82 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.82 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 4/13/87

Drill Site Geologist ____ Date ____

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E32D1 Well: 23218

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5			6.99 joint
10			
15			17.07 joint GROUT
20			
25			27.14 joint
30			
35			37.2 joint
40			TOP OF BENTONITE SEAL 41.8'
45			TOP OF SANDPACK 45.5'
50			TOP OF SCREEN 47.3'
55			Bottom of Screen 58'
60			Total Depth 59'

Drill Site Geologist: C Bynson Date: 3 5 87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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WELL CONSTRUCTION SUMMARY

Borehole E-32D2 Well 23219 JR #24190

Project Name and Location MW Installation Project Number 170530 24 10

Drilling Company Boyles Driller B. Roach Rig Number Failing 25

Drilling Method(s) Rotary - water circulation

Borehole Diameter 17 1/2 in. ____ cm. 0 ft. ____ cm. to 27.48 ft. ____ cm.
11 1/2 in. ____ cm. 27.48 ft. ____ cm. to 59 ft. ____ cm.
7 7/8 in. 59 Ft. to 81.6 Ft.

Size(s) and types of Bit(s)	17 1/2" tricone, 12 1/4" blade bit, 11 1/2" tricone, 7 7/8" tricone		Sampling Method(s)	N.A.	
Size and Type PVC	4" schedule 40		Date/Time Start Drilling	4.1.87	0909
Total Borehole Depth	81.6 ft.	____ cm.	Date/Time Finish Drilling	4.1.87	1054
Depth to Bedrock	21 ft.	____ cm.	Date/Time Start Completion	4.1.87	1109
Depth to Water	N.A. ft.	____ cm.	Date/Time Cement Protective Casing	4.1.87	
Water Level Determined By	N.A.		Materials Used		
Length Plain PVC (total)	64.96 ft.	____ cm.	Plain PVC	5 x 10'	1 x 5'
Length of Screen	10.74 ft.	____ cm.	Slotted PVC	1 x 10'	
Total Length of Well Casing	75.7 ft.	____ cm.	Bentonite Pellets	3 1/4 buckets	
PVC Stick Up	1.7 ft.	____ cm.	Bentonite Granular		
Depth to Bottom of Screen	74 ft.	____ cm.	Cement	9 bags	
Depth to Top of Screen	63.26 ft.	____ cm.	Sand	7 3/4 bags	
Depth to Top of Sand	60 ft.	____ cm.	Water added during completion	-0-	
Depth to Top of Bentonite	56.5 ft.	____ cm.	Water added during drilling	-0-	
			Total Gallons of water added	-0-	

Drill Site Geologist C Benson Date 4.1.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/7/87 0800 WPV

Date/Time/Personnel Casing Painted 4/9/87 0830 PJB

Date/Time/Personnel Numbers Painted 04/19/87 0900 PJB

Materials Used 14 Bags Quickrete 1 roll brown edging

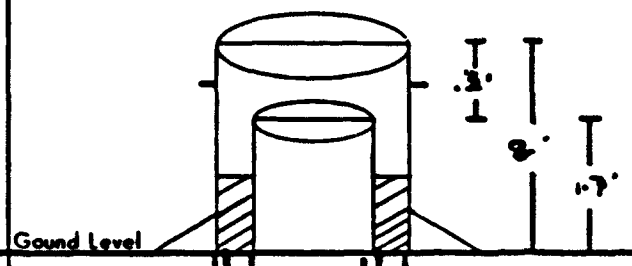
Top of Protective Casing to Top of PVC	0.13 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.12 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.12 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.57 ft.	____ cm.	
Top of Protective Casing to Ground Level	1.6 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 7/8/87

Drill Site Geologist ____ Date ____

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ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: E-32D2 Well: 23219

Depth-feet	Soil/Rock Type	Well Completion	Description
			
5		- 2.87 joint	
10		- 12.92 joint	
15			
20		- 23' joint	
25			27.48' 12" steel casing
30		- 33.07 joint	
35			
40		- 43.13 joint	
45			
50		- 53.19 joint	
55			56.5 TOP OF BENTONITE PLUG 59' 8" steel casing
60			60' TOP OF SANDPACK 63.26' TOP OF SCREEN
65			
70			
75			74' TOP OF BENTONITE PLUG
80			81.6' Total depth
85			

Drill Site Geologist: C Benson Date: 4.1.87

Reviewed By: Joseph L. Reed Date: 7/8/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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BOREHOLE SUMMARY LOG

Borehole E-32 Well NA JR

Project Name and Location MW Installation Project Number 17053 074 L0

Drilling Company Boyles Driller Roach Rig Number Failing 25

Drilling Method(s) Rotary - with water

Size(s) and type(s) of bit(s) 7 7/8 tricone / rock bit, 12¼"

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.

7 7/8 in. ____ cm. 30 ft. ____ cm. to 129.5 ft. ____ cm.

Sampling Methods ~~N.A.~~ SOR Continuous Core

Total Number Soil Sampling Tubes 0

Total Number Core Boxes 14

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 2·23·87 0829

Date/Time Completed Drilling 2·24·87 1340

Total Borehold Depth 129.5 ft. ____ cm.

Depth to Bedrock 25' ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? NOT determined - drilling with water

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 2·24·87 1530

Depth of Tremmie Pipe 125'

Gallons of Grout 85

Materials Used 9½ bags cement, 1/2 bag bentonite, 85 gal. water

Comments Hole grouted to surface - casing needs to be pulled

Wellsite Geologist C Bresson / G. Lins Date 3·23·87

Checked for Grout Settlement on ____ by ____

Amount of Grout Added ____

All Measurements from Ground Level

Reviewed by ____ Date ____

Drill Site Geologist ____ Date ____

ESE, Inc. CORE LOG By CDU Date 4-25-01 BORE E-32 Well(s) _____ Page 1 of 6

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 .01 1.0 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	22																	CORING BEGINS AT 25' - 21' TOP OF BEDROCK
1	24																	
	26	1.8/2		unit very friable							Lim		2.5y 5/4	lt. olive brown			cls	Limonite on fracture faces
	28										clay (minor)							
1	30	4/5														clay increasing to 5%		
	32																	
	34	0/4																No Recovery 32' to 36'
	36			fracs. 1/Ft.							Lim to 5% clay to 10%		2.5y 5/4	lt. olive brown			cls	Limonite on fracture faces and bedding planes (occas. mottled with carbon)
	38	3.6/5																
	40																	

ESE, Inc. BORE E-32 WELL(S)

Reviewed By _____ Date _____

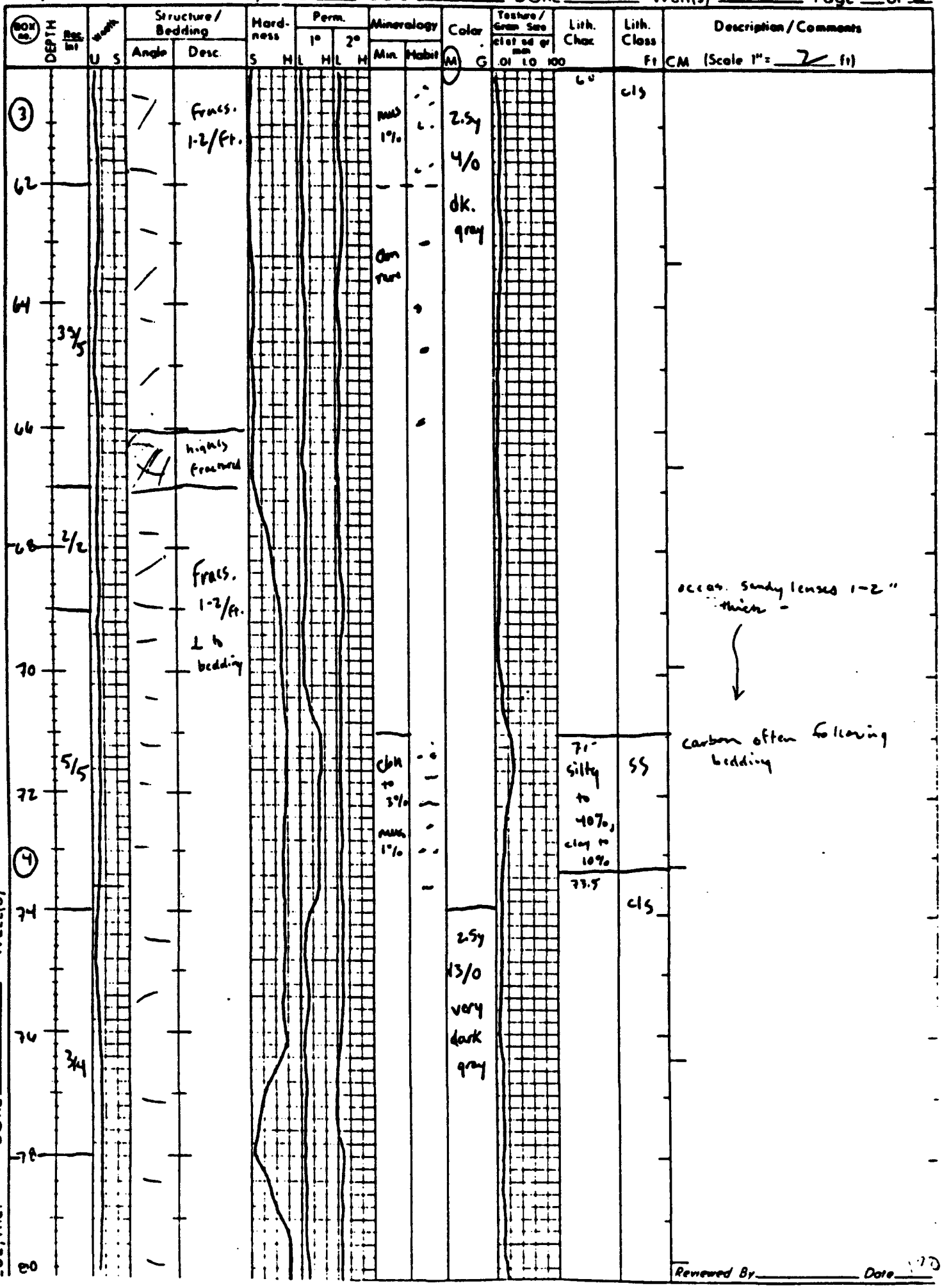
ESE, Inc. CORE LOG By CDB Date 2-25-87 BORE E-32 Well(s) _____ Page 2 of 6

Core No.	Depth (Core 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 cl sl sd gr	Lith. Char.	Lith. Class	Description/Comments CM (Scale 1" = 2')
	40				weakly fissile							lam clay					Lignite		Oxidation boundary ~41'
		5/5										clay		5y			(up to 30% lignite)		Lignite small frags.
	44													2.5/2				Cls to Shale	
②														black					Lignite massive
	46	2/3			Friable														
	48																49'	SS	
	50				Fracs. 2-4/ft.									2.5y			Silt. to 30-35%		SS occas. bedded
		2/5										clay		5/0					
	52													gray					carbon occas. bedded
	54											mica to 2%							
		0/1																	
	56	3/2																	
③					Fracs. 1-2/ft.												57' occas. gravel (2%)		SS med. grained and less silty 57' to 59'
	58	5/5										mica to 3%							
	60																SSS	cls	

BORE E-32 WELL(S)

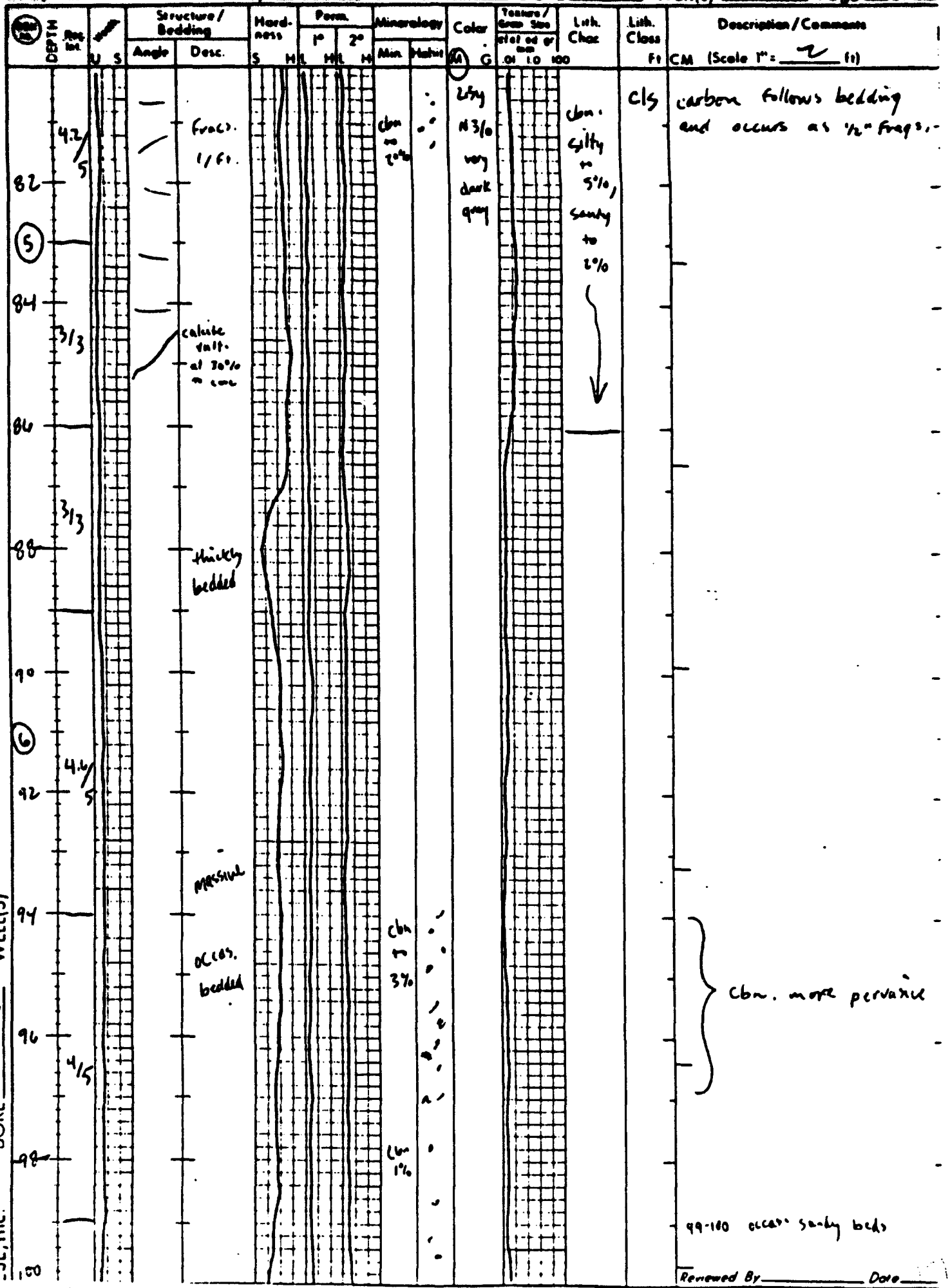
ESE, Inc.

ESE, Inc. CORE LOG By CDB Date 2.25.01 BORE C-32 Well(s) _____ Page 3 of 6



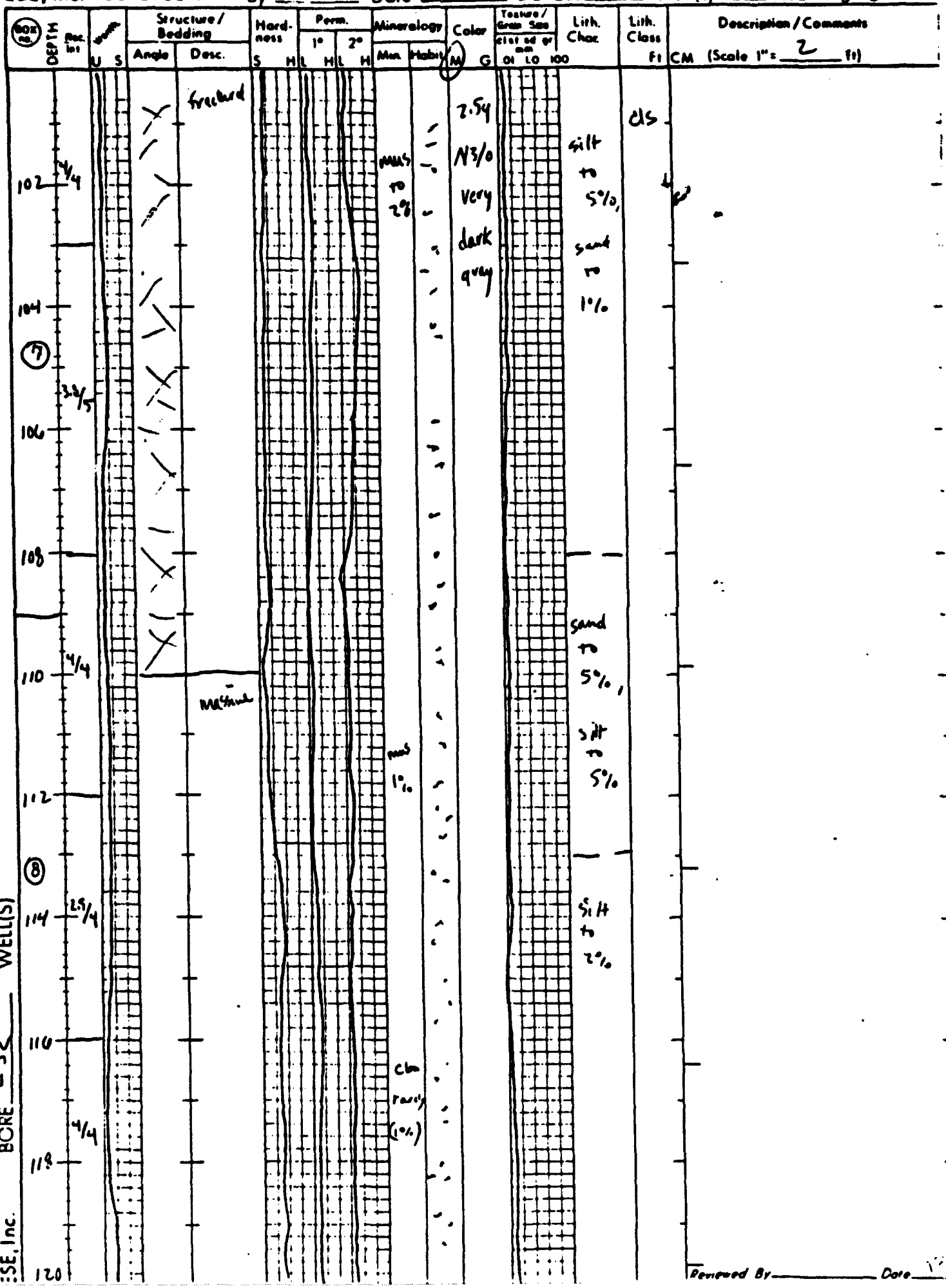
Reviewed By _____ Date _____

ESE, Inc. CORE LOG By CDB Date 2-25-87 BORE E-52 Well(s) _____ Page 4 of 6



Reviewed By _____ Date _____

ESE, Inc. CORE LOG By COB Date 2-25-87 BORE E-32 Well(s) _____ Page 5 of 6



Core Hole Core Log By J.R.D. Date 6-23-81 BORE E-32 Well(s) _____ Page 6 of 6

Depth in Ft	Run No.	Rec. %	Core	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness: S	Hardness: Hd	Perm. 1°: Hd	Perm. 2°: Hd	Mineralogy: Min.	Mineralogy: Habit	Color: G	Fracture/Grain Size: 01 10 100 mm	Lith. Char.	Lith. Class: Ft	Description/Comments: CM (Scale 1" = 2 ft)
122					massive					pyrite 1%		2.5y N3/0 very dark gray			Cls	
	9	5/5			frac. 6/ft.									123'	Lignite	Friable
										clay				123.4'		
124										pyrite					Cls	
														125'	Lignite	Friable
										clay				125.8'		
126		4.5/5								pyrite 2%					Cls. sandy to 4% silt to 2%	
128																
129.5																END OF DRILL HOLE 129.5'

ESE, Inc. BORE E-32 WELL(S)

Reviewed By _____ Date _____

Frontier Logging
Lakewood, Colorado

ESE

E 32

RMA

ADAMS

Township

State COLORADO

Range

Elevation

Log Measured From Ground Level

Date FEB. 24, 1987

Driller Depth 129 Ft

Bit Size 3 7/8 in

Casing Depth 25 Ft

Fluid in Hole water + native mud

Density/ Viscosity

Rm

Drilling Measured From

Time on 1335

Time off 1420

Unit No. 110

Operator W. Linton

Location Lakewood

EQUIPMENT DATA

Logged 127½ Ft

Gamma Scale = 20 CPS per inch

Tension 2 Lbs

Logging Speed 15 Ft/Min

Source Strength CPS

Type 3-1041

Probe Diameter 1 5/8 in

Type Fluid

Fluid Level

Fluid Type

Fluid Density

Fluid Viscosity

Resistivity

Distance Ohms per 5 inches

MV per inch

NATURAL GAMMA RAY LOG (ANALOG)
(Radioactivity Units)

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

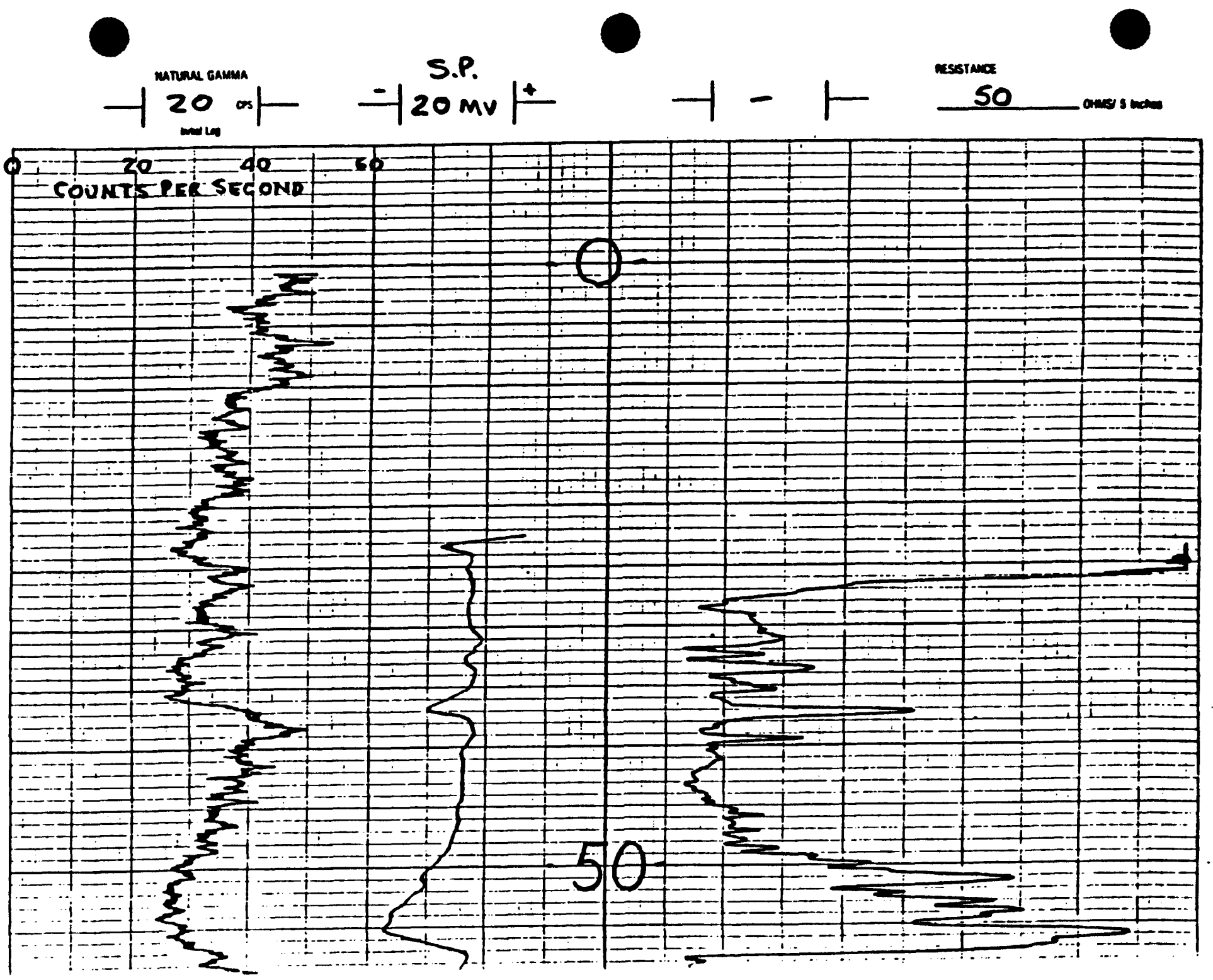
Ft

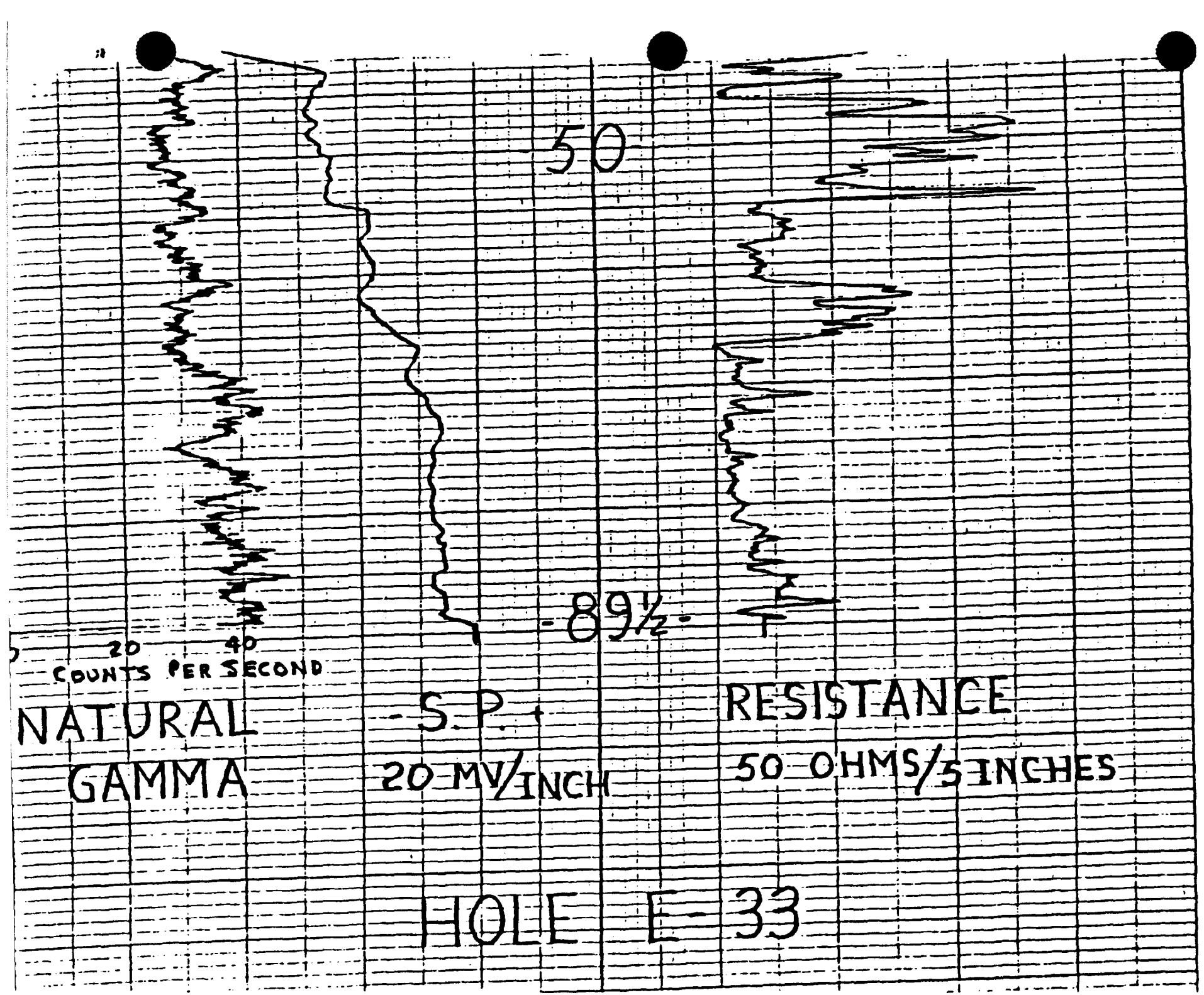
Neutron Source No

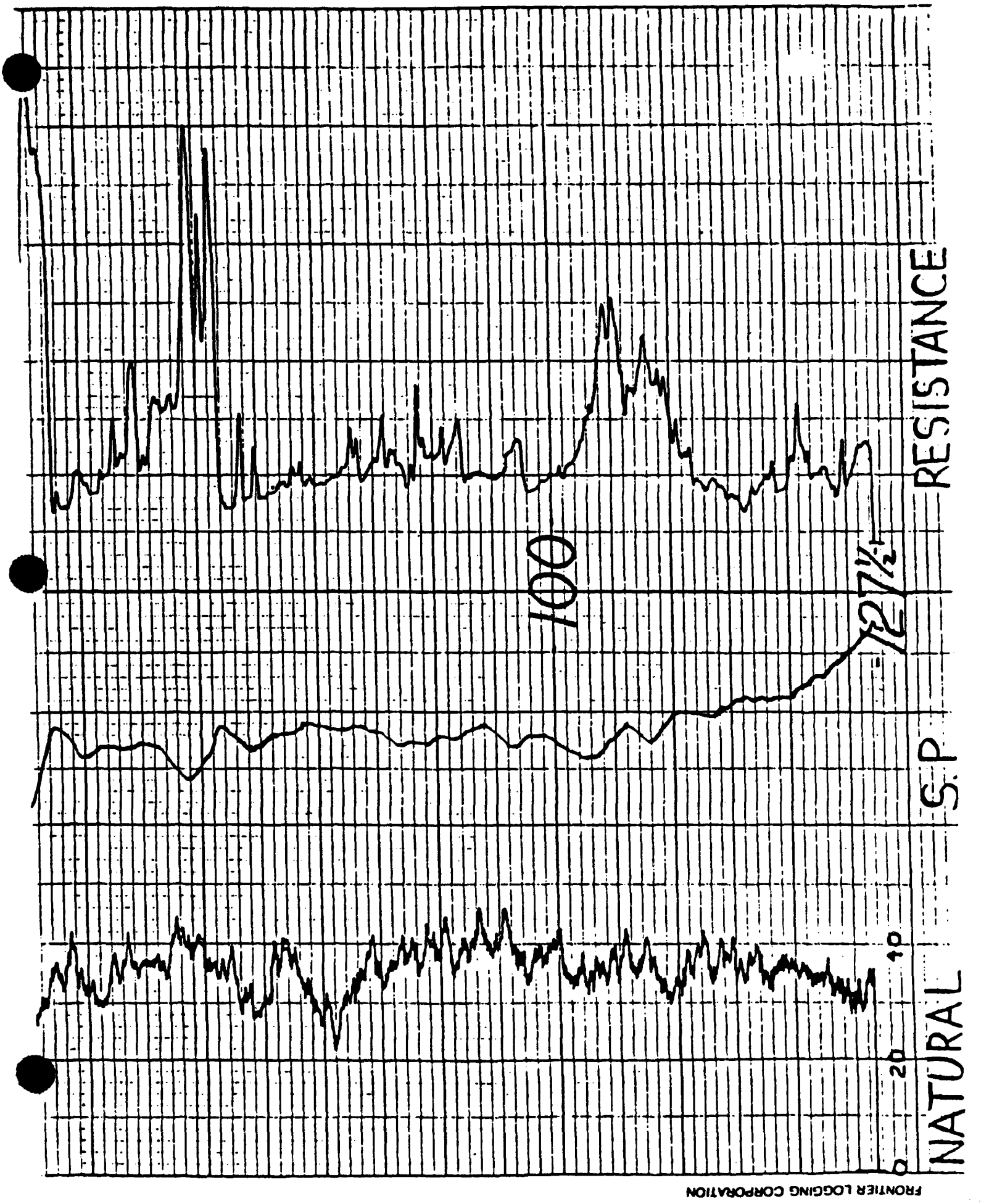
Type Strength

CPS/inch

Ft


NATURAL GAMMA
20 CPS
Inverse Log
S.P.
20 MV
RESISTANCE
50
OHMS/ 5 Inches
0
20
40
60
COUNTS PER SECOND
0
50
No. GC 13142


50
89½
20
40
COUNTS PER SECOND
NATURAL
GAMMA
S.P.
20 MV/INCH
RESISTANCE
50 OHMS/5 INCHES
HOLE E-33


RESISTANCE
S.P.
NATURAL
100
127½
0
20
40
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 E-33D-1 Well 24191

Project Name and Location MW Installation Project Number 70530741C

Drilling Company Boyles Driller Roach Rig Number

Drilling Method(s) Rotary

Borehole Diameter 7 7/8 in. cm. 0 ft. cm. to 20 ft. cm.
4 in. cm. 20 ft. cm. to 45 ft. cm.

Size(s) and types of Bit(s) 12" rock bit
4" blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth	45 ft. cm.	Sampling Method(s)	None
Depth to Bedrock	17 ft. cm.	Date/Time Start Drilling	3.4.87 0953
Depth to Water	unknown ft. cm.	Date/Time Finish Drilling	3.4.87 1055
Water Level Determined By	N/A	Date/Time Start Completion	3.4.87 1125
Length Plain PVC (total)	~~43.8~~ 43.8 ft. cm.	Date/Time Cement Protective Casing	3.4.87 1248
Length of Screen	10.9 ft. cm.	Materials Used	
Total Length of Well Casing	~~46.7~~ 46.7 ft. cm.	Plain PVC	4x10'
PVC Stick Up	2.7 ft. cm.	Slotted PVC	1x10'
Depth to Bottom of Screen	44 ft. cm.	Bentonite Pellets	1 1/4 buckets
Depth to Top of Screen	33.1 ft. cm.	Bentonite Granular	1/2 bag
Depth to Top of Sand	31.5 ft. cm.	Cement	6 bags
Depth to Top of Bentonite	26.5 ft. cm.	Sand	2 bags
		Water added during completion	~200 gals.
		Water added during drilling	~100 gals
		Total Gallons of water added	300 gals. 0

all water put in

Drill Site Geologist C Benson Date 3.16.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used

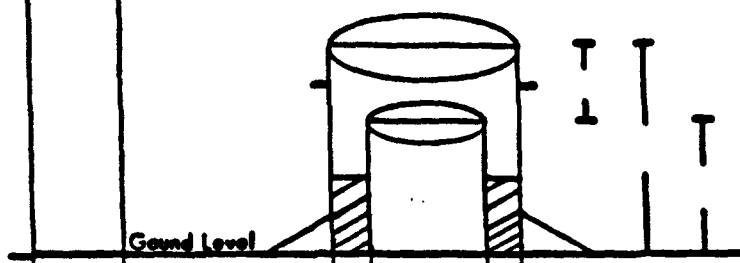
Top of Protective Casing to Top of PVC	ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	ft.	cm.	
Top of Protective Casing to Internal Mortar	ft.	cm.	
Top of Protective Casing to Top of Cement Pad	ft.	cm.	
Top of Protective Casing to Ground Level	ft.	cm.	

Reviewed By Date

Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • (303)741-0008

Borehole: E-33D1 Well: 24191

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5			
10			
15			
20			
25			TOP OF BENTONITE SEAL 26.5'
30			TOP OF SAND 31.5'
35			TOP OF SCREEN 33.1'
40			BOTTOM OF SCREEN 44'
45			TOtal Depth 45'

Drill Site Geologist: C Benson Date: 3-5-87

Reviewed By: _____ Date: _____

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

BOREHOLE SUMMARY LOG

Borehole E-33 Well 24191

Project Name and Location MW Installation Project Number 17053 074 10

Drilling Company Boyles Driller Roach Rig Number Failing 25

Drilling Method(s) Rotary - water & bentonite mud

Size(s) and type(s) of bit(s) 7 7/8", 12 1/4" rock

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 20 ft. ____ cm.

7 7/8 in. ____ cm. 20 ft. ____ cm. to 90 ft. ____ cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes ____

Total Number Core Boxes 10

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 3-2-87 0900

Date/Time Completed Drilling 3-2-87 1620

Total Borehold Depth 90 ft. ____ cm.

Depth to Bedrock 17 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? drilling with water - water level not determined

Borehole Completed as Monitoring Well? no

Date/Time Grouting Completed 3-3-87 1110

Depth of Tremmie Pipe 90'

Gallons of Grout 80

Materials Used 8 bags cement, 80 gals. water,

Comments Hole grouted to surface, casing pulled

Wellsite Geologist C Benson Date 3-23-87

Checked for Grout Settlement on ____ by ____

Amount of Grout Added ____

All Measurements from Ground Level

Reviewed by ____ Date ____

Drill Site Geologist ____ Date ____

ESE, Inc. CORE LOG By CD Binson Date 3-3-01 BORE E-33 Well(s) 2491 Page 1 of 1

ESE, Inc. BORE E-33 WELL(S)

DEPTH	Rec. Int.	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness S	Hardness H	Perm. 1° L	Perm. 1° M	Perm. 1° H	Perm. 2° L	Perm. 2° M	Perm. 2° H	Mineralogy: Min.	Mineralogy: Habit	Color (M)	Color (G)	Texture/Grain Size cl sl sd gr mm CL	Texture/Grain Size SI	Texture/Grain Size LO 100	Lith. Char.	Lith. Class	Description/Comments (CM Scale 1" = 2 ft)
20																					START CORING AT 20' (Limestone bedrock at 17')
22	1.7/5		massive									clay to 1%	Frag (lin)	5Y	6/6					clay/silt	
															olive yellow						
24																			410 clay 3%	SS	
26	0/4		NA																		NO RECOVERY
28																					
(1)																					
30	2.5/1.5		massive Fracs 1-3/ft.									clay to 3%	Frags	5Y	3/2 dk. olive gray					Cl	
32	4/3.4													5Y	6/6 olive yellow						
34			bdg.											2.5Y N 5/5	gray				5% sand 20% clay	lignite	clay abndt = matrix and frags to 1/2 inch
36	2.4/4		bdd finely									clay 1-2%							34 silt 2% to ~39'	SS	35' - oxidation boundary
38																					

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By CD Benson Date 3.9.97 BORE E-33 Well(s) _____ Page 2 of 4

Box no.	Depth	Rec. int	U	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: cl	Texture/Grain Size: si	Texture/Grain Size: sd	Texture/Grain Size: gr	Lith. Char.	Lith. Class	Description/Comments (CM) (Scale 1" = 2 ft)
	40	4/4				Bld							clay <1%			2.5y N4/0 dk. gray					silt 2%	SS	sandstone primarily qtz. also musc. to 5%, micas to 15% SS 'cleaner' and coarser to 44'
	42																						
1																							occas. pebbles (<1%) to ¼"
	44	4/5																			44 clay to 30%	cl	
	46					rock Friable, highly broken										2.5y N3/0 very dk gray							
	48	2.5/3				Fine to coarse bdg. — parallel bds at 20° no core.							musc 2%			2.5y N4/0 dk. gray					48	SS	clay. beds parallel bdg. (1/16 to 1/8" thick)
	50												clay to 4%								50 clay to 20%	cl	
	52	3.1/4				rock Friable, highly broken															52	SS	core
3																					53	SS	SS interbedded — fine to medium to coarse sands — interbeds 3-5' thick — no hag. within interbeds
	54					massive with inbdg																	
	56	3.6/4											clay <1%			2.5y N5/0 gray					55 silt 10%		
																					56 silt 5%	cl	interbed
	58												clay to 3%								sand 5% silt 10%	cl	

BORE E33 WELL(S)

ESE, Inc.

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By CDB Date 5-11-94 BORE C-33 Well(s) _____ Page 2 of 4

Run 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: clst sd gr mud .01 LO 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
3	60	2/4		massive							pass. 1%	o, i	2.5y	N5/0		silt to 5%	cl	
				clear							clay rocky	c		gray		sand 1-3%		
	62			occas. bdd.							clay 2%	o, c						
	64	4/4									pass. 4%	(fragile)				63 Fine with 20% int 10% cont	ss	Clay occas. along bdg. planes
4	66			highly broken												66 clay to 30%	cls	clay abundant on bdg. planes and mottled throughout
		3.6/3.2		occas. bdg									2.5y	N2/0 black				clay pervasive
	68			highly broken												68		
				evals. 8/Ft.									2.5y	N5/0				
	70	4/4		fractured										gray				
	72			fractured														
5	74	3.1/5		massive							pass. 4%							cls, softer
	76																	
	78			friable														

ESE, Inc. BORE C-33 WELL(S)

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By CDB Date 3.3.87 BORE E-33 Well(s) _____

Box no.	DEPTH	Rec. int.	Struct. U	Struct. 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	Lith. Chac	Lith. Class Ft	Description/Comments CM (Scale 1"= ___ ft)
5	90	3/3				massive									2.5y 5/0	gray			cl	
	90																			
	90	1.8/2																		
	92																			
	92	3/3											Clay to 1%							
	84																			
6						highly broken														
	86	1.3/2											Clay to 2%							
	86																			
	88	3/3											Clay to 5%					89 clay silt 20%	ss	very carbonaceous (carbon frags)
7	89.6																		cl	
	90																			End of drill hole at 90'

E, Inc. BORE E-33 WELL(S)

Frontier Logging
Lakewood, Colorado

Date MAR. 3, 1987

Survey	ESE	Driller Depth 90 Ft	Standby 0.8
Well No	E-33	Bit Size 3 7/8"	Time In 0745 / Time Out 0805
Area/Project	RMA	Casing Depth 20 Ft	Unit No 110
County ADAMS COUNTY	State COLORADO	Fluid in Hole water	Operator W. Linton
Section / Township	Range / Elevation	Density / Viscosity / Rm	Location Lakewood
	Log Measured From Ground Level	Drilling Measured From Ground Level	

EQUIPMENT DATA

D. Logged 89½ Ft.	
Natural Gamma 200 Scale = 20 CPS per inch	
Time Constant 2 Sec	Logging Speed 15 F/Min
Neutron Source No/Value — CPS	
Detector No 103-1041	Probe Diameter 1⅝"
Detector Type - Size xtal ¾ x 1¼"	
Factor 1.60 x 10⁻⁵	Dead Time 7 Microsec
Water Factor 1.10	for hole size 3⅞"
Casing Factor — for well size	
Resistance 50 ohms/5" Ohms per 5 inches	
S.P. 20 MV/Inch MV per inch	

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

Scale = CPS/in	Scale = CPS/in	Scale = CPS/in	Scale = CPS/in
T.C. Sec / Logging Speed F/Min	T.C. Sec / Logging Speed F/Min	T.C. Sec / Logging Speed F/Min	T.C. 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 Ft

Gamma (Analog) Ft		Density Source No	
Gamma (Digital) Ft		Type	Strength
Caliper Ft		CPS/inch	
Temperature Ft			
DIRECTIONAL DATA		Neutron Source No	
Closure Ft		Type	Strength
Azimuth		CPS/inch	
True Vertical Ft	Survey Depth Ft		

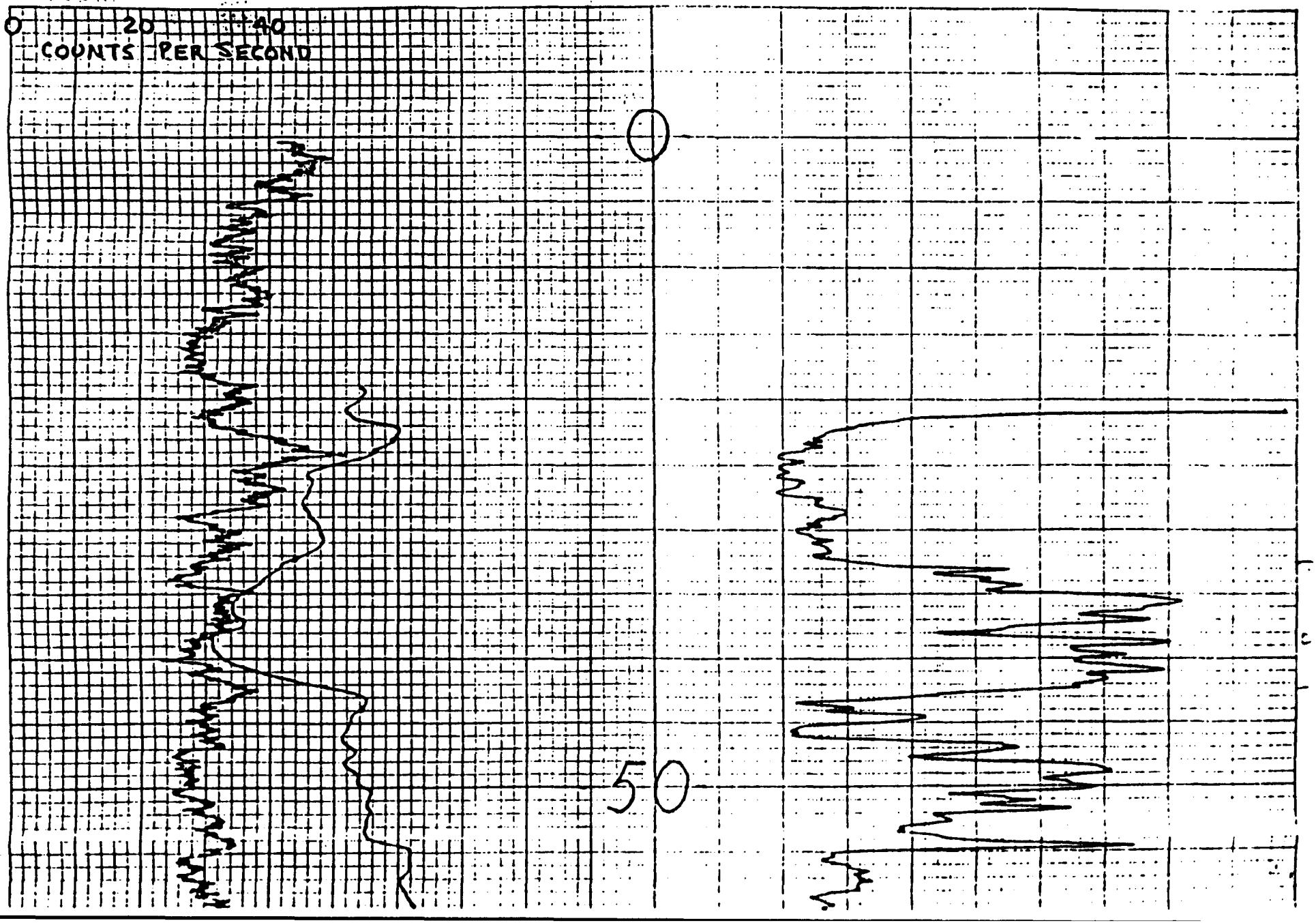
NATURAL GAMMA — 20 CPS — Initial Log

S.P. — − 20 MV +

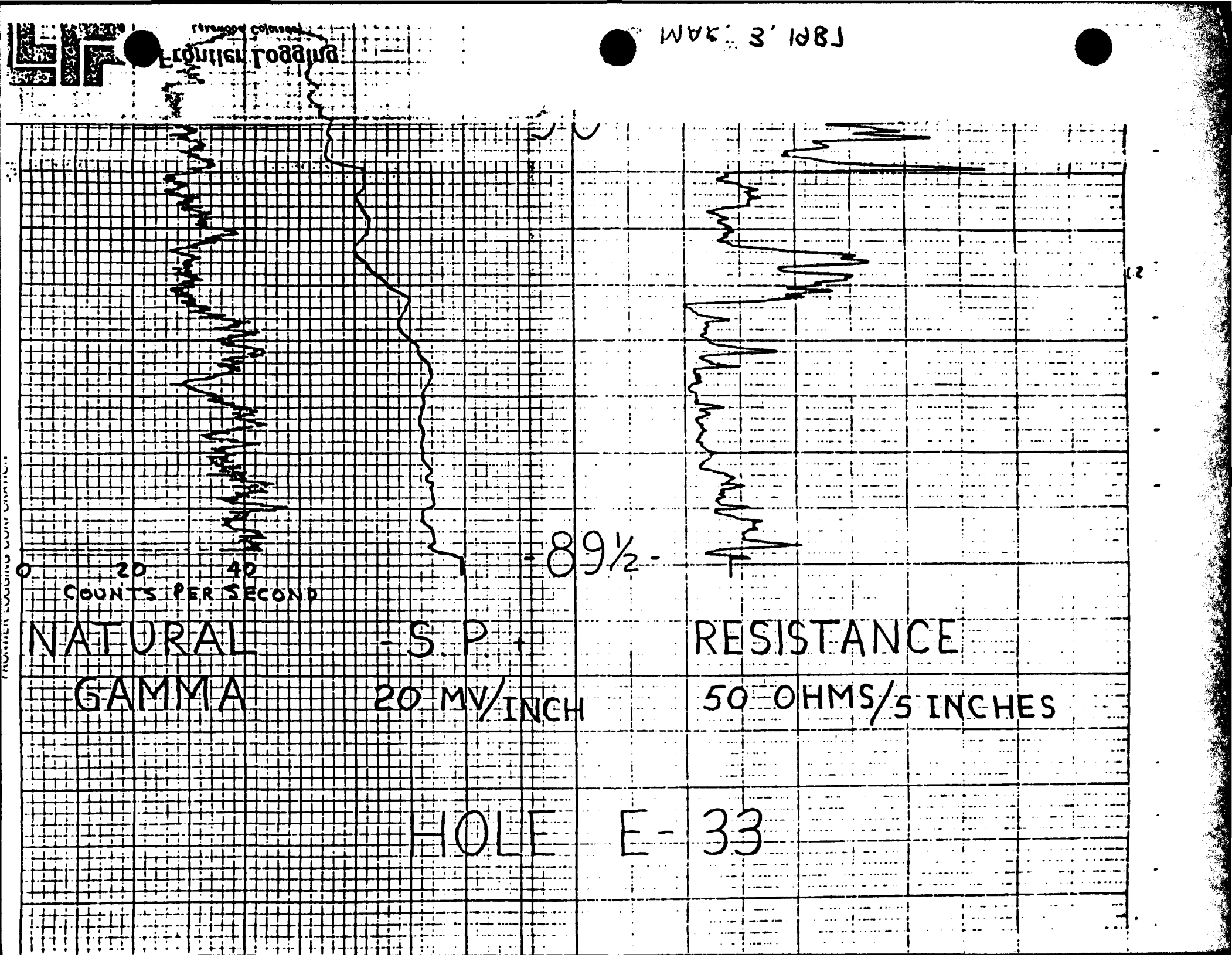
RESISTANCE — 50 OHMS/ 5 Inches

True Vertical ft | Survey Depth ft

NATURAL GAMMA 20 cps — Initial Log | S.P. − 20 MV + | RESISTANCE 50 OHMS/ 5 Inches



PRINTED IN U.S.A.


-89½-
0 20 40
COUNTS PER SECOND
NATURAL GAMMA
-S.P.+
20 MV/INCH
RESISTANCE
50 OHMS/5 INCHES
HOLE E-33

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

WELL CONSTRUCTION SUMMARY

Borehole E34D Well ~~34~~ JR 37376

Project Name and Location T3b Well Installation, 964th Ave Project Number 17053-07410

Drilling Company Boyles Driller S Roach Rig Number Failing 25

Drilling Method(s) continuous core

Borehole Diameter ~~7 7/8~~ in. ____ cm. ~~0~~ 33 ft. ____ cm. to 55 ft. ____ cm.
12 1/4 in. ____ cm. 0 ft. ____ cm. to 33 ft. ____ cm.

Size(s) and types of Bit(s) 12 1/4" blade bit
7 7/8"

Size and Type PVC 4" schedule 40

Total Borehole Depth 51 ft. ____ cm.

Depth to Bedrock 31 ft. ____ cm.

Depth to Water NA ft. ____ cm.

Water Level Determined By NA

Length Plain PVC (total) 42 ft. ____ cm.

Length of Screen 10.7 ft. ____ cm.

Total Length of Well Casing 52.7 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 51 ft. ____ cm.

Depth to Top of Screen 40.3 ft. ____ cm.

Depth to Top of Sand 39 ft. ____ cm.

Depth to Top of Bentonite 34.5 ft. ____ cm.

Sampling Method(s) Core

Date/Time Start Drilling 2-18-87 1145

Date/Time Finish Drilling 2-19-87 1106

Date/Time Start Completion 2-19-87 1152

Date/Time Cement Protective Casing 2-19-87 1410

Materials Used

Plain PVC 45.17' total (4x10' ; 1x5'

Slotted PVC 10.7' total (1x10')

Bentonite Pellets 1 1/4 buckets

Bentonite Granular ____

Cement ~~85~~ bags

Sand 3 bags

Water added during completion —

Water added during drilling —

Total Gallons of water added —

Drill Site Geologist C Benson Date 2-20-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed [Mortar & Cement Pad] 4-7-87/1500/K Pacheco M. Westcott

Date/Time/Personnel Casing Painted 4/4/87/1300/Ken Pacheco & Mark Westcott

Date/Time/Personnel Numbers Painted 4/15/87 JJF BAG 0847

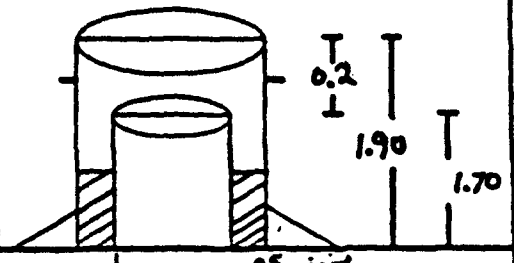
Materials Used 13 bags quickcrete cement, 1/2 bag portland cement & 1/2 silica for internal.

Top of Protective Casing to Top of PVC	0.2 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.22 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.23 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.52 ft.	____ cm.	
Top of Protective Casing to Ground Level	1.52 JJF 1.90 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 6/10/87

Drill Site Geologist ____ Date ____

Borehole: E34D Well: 37376

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
		.05 joint	
5			
10		10.11 joint	
15			
20		20.19 joint	
25			
30		30.29 joint	
35		34.5	TOP of BENTONITE SEAL
		39	TOP OF SAND PACK
40		40.3	TOP OF SCREEN
45		45.7 stabilizer	
50		51'	total depth of boring
55			

Drill Site Geologist: C Jensen Date: 2.20.87

Reviewed By: Joseph L. Reed Date: 6/10/87

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

BOREHOLE SUMMARY LOG

Borehole E-34 Well 37376

Project Name and Location MW Installation Project Number 17053 074 10

Drilling Company Boyles Driller Roach Rig Number Failing 25

Drilling Method(s) Rotary - water used

Size(s) and type(s) of bit(s) 12¼" rock, 7⅞" tricone

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 32 ft. ____ cm.

7⅞ in. ____ cm. 32 ft. ____ cm. to 95 ft. ____ cm.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes NA

Total Number Core Boxes 6

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 2-17-87 0948

Date/Time Completed Drilling 2-17-87 1230

Total Borehold Depth 95 ft. ____ cm.

Depth to Bedrock 28 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? not determined - drilling with water

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 2-18-87 0856

Depth of Tremmie Pipe 55

Gallons of Grout 30

Materials Used 3 bags cement, 30 gal. water

Comments hole grouted to surface, casing ~~frosting~~ COs broken off below surface

Wellsite Geologist C Bunson Date 3-23-87

Checked for Grout Settlement on 4/28/87 by JLR

Amount of Grout Added —

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 4/28/87

Drill Site Geologist ____ Date ____

, Inc. CORE LOG By CDB Date 2-25-87 BORE E-340 Well(s) 37376 Page 1 of 4

DEPTH	Run No.	Rec.	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness	Perm. 1°	Perm. 2°	Mineralogy Min	Mineralogy Habit	Color	Texture/Grain Size	Lith. Char.	Lith. Class	Description/Comments
					S M H	M H	M H			M G	01 1.0 100 mm		Ft	CM (Scale 1" = 2 ft)
														CORING BEGINS AT 32' (Bedrock hit at 28'- claystone)
32				slightly friable										
	①	3/3												
34										5Y 3/1 very dk. gray			dg	
				1-2 frac/ft.				Fe ox	slong frac.					
36								Fe ox	slong frac.					
		4/4												
38												38		
										5Y 4/2 olive gray		silt 35%	ss	38'
40								mica 1%						40'
										5Y 2.5/2 black		40.5 clay 30%	lig. ss	
		4.5/4.5		9-10 frac/ft.								42	clg	
42												42.5 silty 95-90 %	ss	
	②			2-4 frac/ft.						2.5Y 4/0 dark gray				
44				6-8/ft.										
		1/4.5												
46														
												clear beds		
48				2-4/ft.										
		1/1										48 ft clay 20%	lig. ss	
												49 silty 40%	ss	
50		↓												50' Boulevard Av

BORE E-343 WELL(S)

SE, Inc.

ESE, Inc. CORE LOG By CDB Date 2-25-87 BORE E-34B Well(s) _____ Page 2 of 3

Run No.	Depth	Rec. Int.	U S	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness S	Perm. 1° L	Perm. 1° H	Perm. 2° L	Perm. 2° H	Mineralogy: Min.	Mineralogy: Habit	Color	Texture/Grain Size: clay silt sd gr (.01 1.0 100)	Lith. Char.	Lith. Class	Description/Comments (Scale 1" = _____ ft)
	52	3/4			very Friable								2.5Y 4/0 dark gray		52 Shaky	CM	
	54	2/2			1-2/Ft. competent								2.5Y 2/0 black		53 Lignitic 5%		
③	55																END OF BORING AT 55'

ESE, Inc. CORE E-34B WELL(S)

Reviewed By _____ Date _____

Frontier Logging
Lakewood, Colorado

Date FEB. 18, 1987

Company: ESE	Driller Depth: 55½ FT	Miles Round Trip:	
Bore Hole: E-34 37376	Bit Size: 3⅞"	Standby:	
Area/Project: RMA	Casing Depth: 32 FT	Time In: 0725	Time Out: 0740
County: ADAMS COUNTY	State: COLORADO	Fluid in Hole: Water	Unit No.: 110
Section:	Township:	Range:	Elevation:
	Density/ Viscosity:	pH:	Operator: Wm. Linton
	Log Measured From: Ground Level	Drilling Measured From:	Location: Lakewood

EQUIPMENT DATA

T.D. Logged: 55½ FT			
Natural Gamma: 200 Scale = 20 CPS per Inch			
Time Constant: 2 Sec	Logging Speed: 10 Ft/Min		
Calib. Source No/Value: CPS			
Probe No: 103-1241	Probe Diameter: 1⅝"		
Detector Type - Size: xtal ¾ x 1"			
K Factor: 2.35 x 10⁻⁵	Dead Time: 7 Microsec		
Water Factor: 1.10 for hole size 3⅞"			
Casing Factor: for well file			
Resistance: 40 ohms/5" Ohms per 5 Inches			
S.P.: 20 MV/Inch MV per Inch			

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

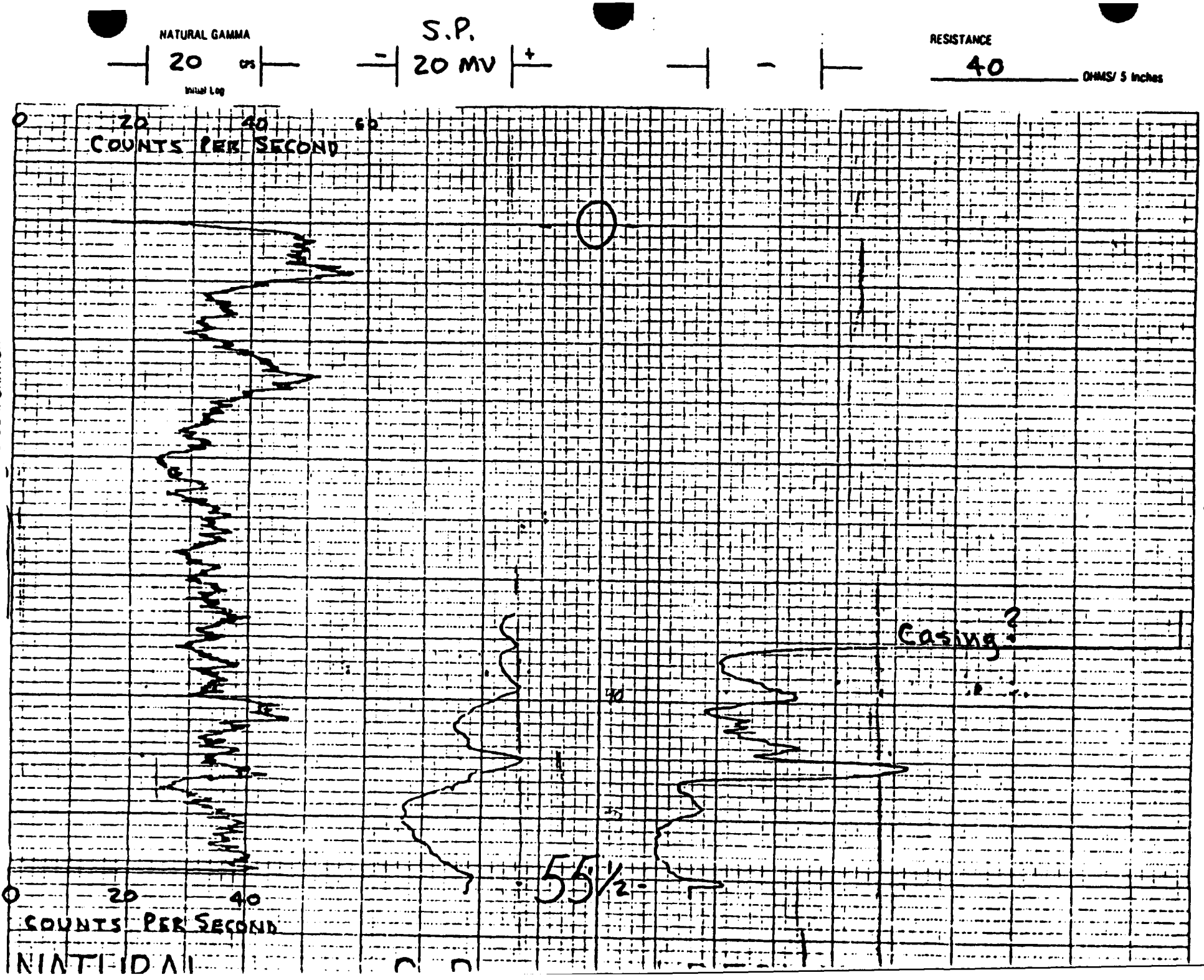
Scale = CPS/In	Scale = CPS/In	Scale = CPS/In	Scale = CPS/In
T C: Sec / Logging Speed: Ft/Min	T C: Sec / Logging Speed: Ft/Min	T C: Sec / Logging Speed: Ft/Min	T C: Sec / Logging Speed: Ft/Min
From: Ft To: Ft	From: Ft To: Ft	From: Ft To: Ft	From: Ft To: Ft
Total: Ft	Total: Ft	Total: Ft	Total: Ft

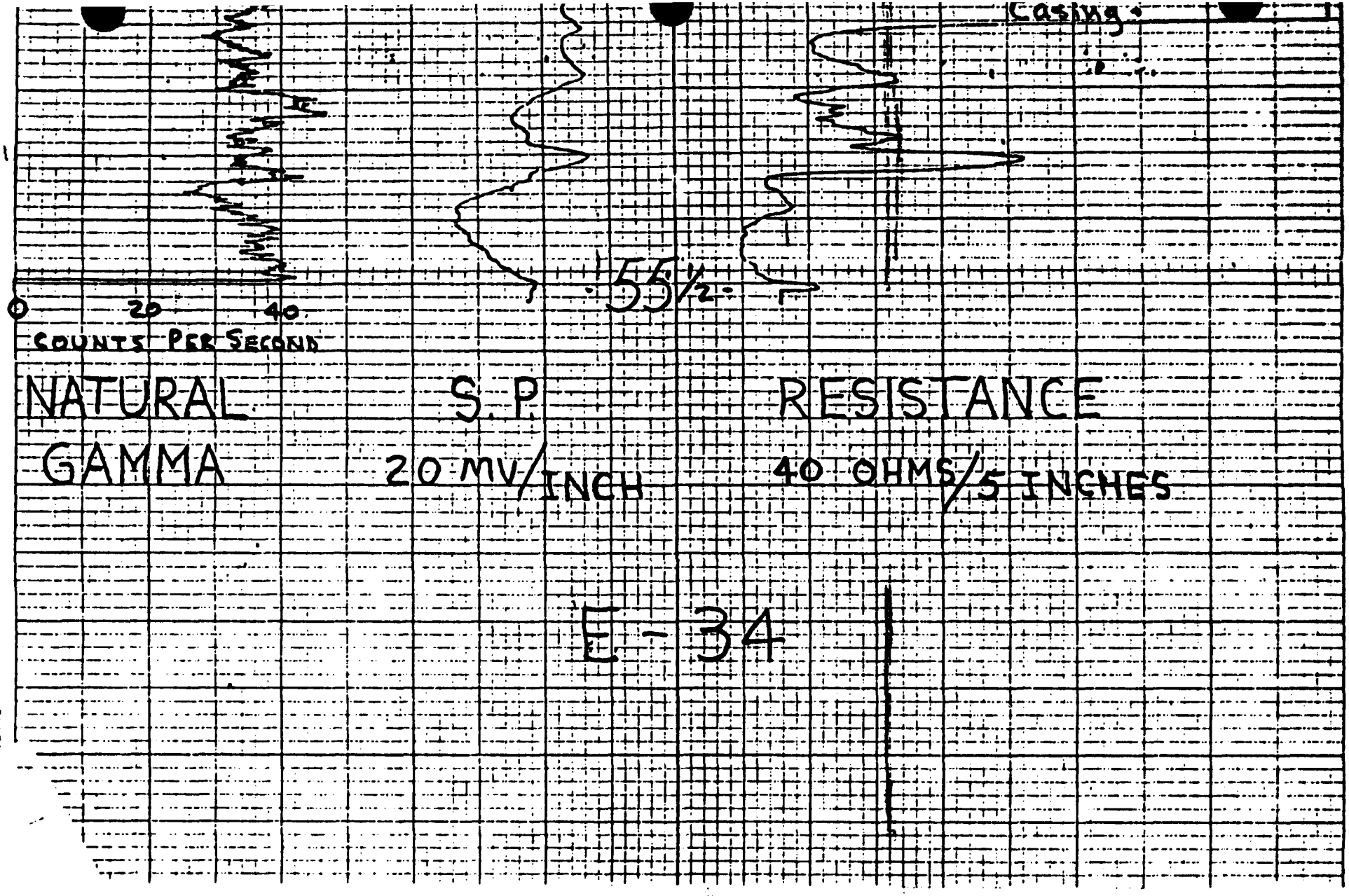
Gamma (Analog): Ft	Density Source No:
Gamma (Digital): Ft	Type / Strength:
Caliper: Ft	CPS/Inch:
Temperature: Ft	Ft
DIRECTIONAL DATA	Neutron Source No:
Closure: Ft	Type / Strength:
Azimuth	CPS/Inch:
True Vertical: Ft / Survey Depth: Ft	

NATURAL GAMMA — 20 CPS — Initial Log

S.P. — − 20 MV +

RESISTANCE — 40 OHMS/ 5 Inches


NATURAL GAMMA
20 cps
Initial Log
S.P.
20 MV
RESISTANCE
40 OHMS/ 5 inches
0 20 40 60
COUNTS PER SECOND
Casing?
55½
0 20 40
COUNTS PER SECOND
FRONTIER LOGGING CORPORATION


Casing
55½
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P.
20 MV/INCH
RESISTANCE
40 OHMS/5 INCHES
E-34
13142

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

WELL CONSTRUCTION SUMMARY

Borehole FP-53A Well FP53A SP 23220

Project Name and Location Tasker 200 yds NW Basin F Tank pad Project Number 17053 002.10

Drilling Company Boyles Bros Driller Dave Jaeger Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 28 cwl 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/ot

Total Borehole Depth 39.07 ft. ____ cm.

Depth to Bedrock 38 ft. ____ cm.

Depth to Water 35' ft. ____ cm.

Water Level Determined By Samples

Length Plain PVC (total) 20.20 cwl 29.88 ft. ____ cm.

Length of Screen 10.89 ft. ____ cm.

Total Length of Well Casing 40.77 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 39.07 ft. ____ cm.

Depth to Top of Screen 28.18 cwl ft. ____ cm.

Depth to Top of Sand 22.6 22.97 ft. ____ cm.

Depth to Top of Bentonite 17.8 ft. ____ cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 5/7/87 / 0855

Date/Time Finish Drilling 5/7/87 / 1442

Date/Time Start Completion 5/7/87 / 1442

Date/Time Cement Protective Casing 5/8/87 / 1000

Materials Used 20 2' TUBES 40 CAPS

Plain PVC 3 - 10' SECTIONS

Slotted PVC 1 - 10' SECTIONS ow

Bentonite Pellets ø

Bentonite Granular 6 BAGS

Cement 11 BAGS

Sand 11 BAGS

Water added during completion 300 GALS

Water added during drilling ø

Total Gallons of water added 300 GALS

Drill Site Geologist [signature]

Date 5/13/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 6-16-87 1000 PJB DLW

Date/Time/Personnel Casing Painted 06-17-87 0800 PJB DLW

Date/Time/Personnel Numbers Painted 6-17-87 0945 PJB DLW

Materials Used 12 bags of Sakrete

Top of Protective Casing to Top of PVC	~~.00~~ BW ft.	0.34 cm/ft	COMMENT/NOTES
Top of Protective Casing to Weep Hole	~~1.0~~ BW ft.	1.43 cm/ft	
Top of Protective Casing to Internal Mortar	~~1.0~~ BW ft.	1.43 cm/ft	
Top of Protective Casing to Top of Cement Pad	~~1.5~~ BW ft.	1.97 cm/ft	
Top of Protective Casing to Ground Level	~~1.05~~ BW ft.	2.0 cm/ft	

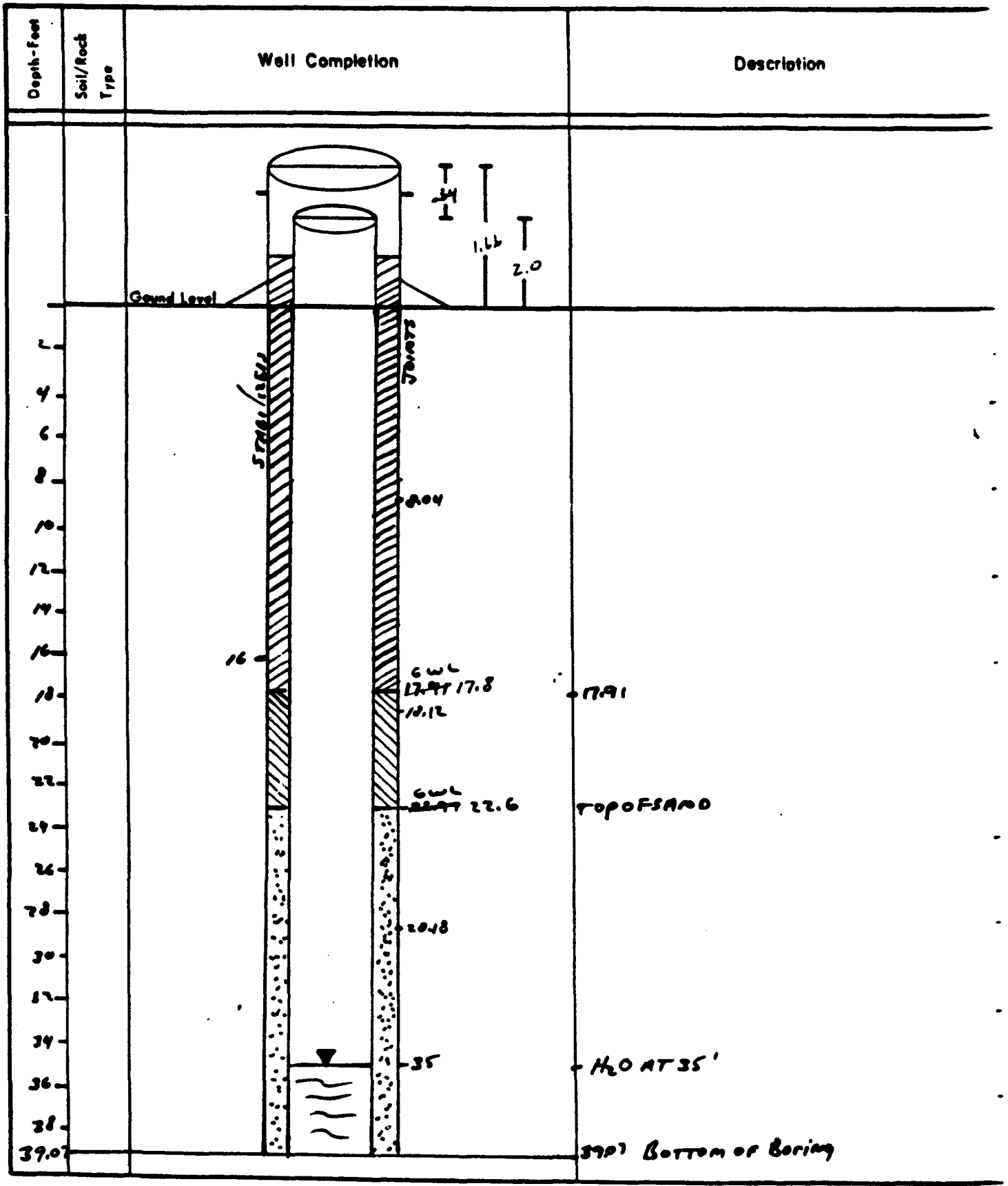
Reviewed By [signature] Date 4/7/88

Drill Site Geologist ____ Date ____

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: 5/13/87

Reviewed By: [signature] Date: 7/7/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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 cut bentonite and

Borehole Diameter 11 7/8 in. ____ cm. 0 ft. ____ cm. to 41 ft. ____ cm.
7 7/8 in. ____ cm. 41 ft. ____ cm. to 50.9 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.	Sampling Method(s)	NA
Depth to Bedrock	36 ft. ____ cm.	Date/Time Start Drilling	BIB 5.7.87
Depth to Water	35 ft. ____ cm.	Date/Time Finish Drilling	0904 5.7.87
Water Level Determined By	soil sample saturated	Date/Time Start Completion	5.7.87 0935
Length Plain PVC (total)	45 ~~50.7~~ ft. ____ cm.	Date/Time Cement Protective Casing	5.7.87 1210
Length of Screen	5.70 ft. ____ cm.	Materials Used	—
Total Length of Well Casing	50.7 ft. ____ cm.	Plain PVC	5 x 40'
PVC Stick Up	1.7 ft. ____ cm.	Slotted PVC	1 x 5'
Depth to Bottom of Screen	75.49 ft. ____ cm.	Bentonite Pellets	1 1/4 buckets
Depth to Top of Screen	43.3 ft. ____ cm.	Bentonite Granular	4/5 bag
Depth to Top of Sand	42.3 ft. ____ cm.	Cement	80 gals
Depth to Top of Bentonite	38.3 ft. ____ cm.	Sand	1.25 bags
		Water added during completion	0
		Water added during drilling	0
		Total Gallons of water added	0

Drill Site Geologist C Benson Date 5.7.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 06-15-87 0730 PJB DLW

Date/Time/Personnel Casing Painted 06-17-87 0830 PJB DLW

Date/Time/Personnel Numbers Painted ~~13 Bags Quick Crete 1 Roll Tin~~ PJB DLW

Materials Used 13 Bags Quick Crete 1 Roll Tin (06-17-87 0845 PJB DLW

Top of Protective Casing to Top of PVC	0.3 ft. ____ cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	0.68 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	0.77 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.93 ft. ____ cm.		
Top of Protective Casing to Ground Level	2.00 ft. ____ cm.		

Reviewed By [signature] Date 2/15/88

Drill Site Geologist ____ Date ____

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Borehole: EC53D1 Well: 23221

Depth-feet	Soil/Rock Type	Well Completion	Description
		.3 1 2.0 1.7 Ground Level	
5		4.05 ft.	
10		14.11 ft.	
15			
20		20.c centralizer	
25		24.19 ft.	
30			
35		34.25 ft.	TOP OF BENTONITE 38.3'
40			8" steel casing - 41'
			TOP OF SAND 42.3 ⊗
45			TOP OF SCREEN 43.3
50			Total Depth 49'

⊗ NOTE: THIS 1' Foot sand pack above the screen (rather than the standard 2'-5') was at the request of Pete Guest, USE.

Drill Site Geologist: G. Robson Date: 5-7-87

Reviewed By: [signature] Date: 4-9-88

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WELL CONSTRUCTION SUMMARY

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

Project Name and Location RMA Project Number T44

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. ____ cm. 40 ft. ____ cm. to 50 ft. ____ cm.
7 7/8" 50 70.3

Size(s) and types of Bit(s) 17 1/2", 11 1/2", 7 7/8" blade bits

Size and Type PVC 4" schedule 40

Total Borehole Depth	70.3 ft. ____ cm.	Sampling Method(s)	NA
Depth to Bedrock	37 ft. ____ cm.	Date/Time Start Drilling	8:00 5/15/87
Depth to Water	— ft. ____ cm.	Date/Time Finish Drilling	9:30 5/15/87
Water Level Determined By	—	Date/Time Start Completion	9:30 5/15/87
Length Plain PVC (total)	60.99 ft. ____ cm.	Date/Time Cement Protective Casing	12:00 5/15/87
Length of Screen	10.71 ft. ____ cm.	Materials Used	
Total Length of Well Casing	71.7 ft. ____ cm.	Plain PVC	6 x 10', 1 x 5'
PVC Stick Up	1.4 ft. ____ cm.	Slotted PVC	1 x 10'
Depth to Bottom of Screen	70.3 ft. ____ cm.	Bentonite Pellets	1.5 buckets
Depth to Top of Screen	59.6 ft. ____ cm.	Bentonite Granular	1.2 bags
Depth to Top of Sand	57.6 ft. ____ cm.	Cement	12 bags
Depth to Top of Bentonite	52.6 ft. ____ cm.	Sand	2 bags
		Water added during completion	none
		Water added during drilling	none
		Total Gallons of water added	0

Drill Site Geologist C. M. Walker Date 5/15/87

grout/bumphole 7/23/87 0840 KC/JW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 06-18-87 0800 RB DW

Date/Time/Personnel Casing Painted 7/23/87 0920 KC/JW

Date/Time/Personnel Numbers Painted 7/23/87 0920 KC/JW

Materials Used 18 Bags Quick-Crete Roll Lawn Edging 1/2 Bg Cement 1 Bg Silica Sand

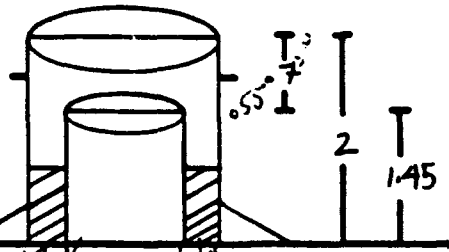
Top of Protective Casing to Top of PVC	.55 ft. ____ cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	1.24 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.10 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.45 ft. ____ cm.		
Top of Protective Casing to Ground Level	2.00 ft. ____ cm.		

Reviewed By ____ Date ____

Drill Site Geologist ____ Date ____

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP 53 D2 Well: 23222

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
5			12" 0-40' steel casing
10		joint 9.21	8" 0-60 steel casing
15			4" PVC 0-70.3
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			
75			TD 70.3

Drill Site Geologist: C. M. Walker Date: 9/6/91

Reviewed By: A. Kent Date: 9/9/91

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

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., occas. roots. dry
2	2-4	100%		2-4	SM	Silty sands - silt 12%, clay 10% (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%		0-10	CL	CLAY (SANDY) — sand 20% - 10yr 4/4 dk. yellowish brown - med. dense, nonplas dry
10	10-12	100%		10-12		
12						

Drill Site Geologist: G. Litus Log: C. Benson Date: 5.12.87

Reviewed By: Steve Pace Date: 2/15/88

[redacted]

Borehole: EP 33A Well Number: 3322

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
16	14-16	100%		14-16		
18	16-18	80%		16-18		
20	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", pink
22	20-22	80%		20-22	21 SC	clayey Sand - clay 30% - 2.5yN4/2 dk grayish brown, med. dense, nonplas, sl. moist (?)
24	22-24	100%		22-24	CL	clay - 2.5yN4/2 dk. grayish brown, dense, nonplas. dry
					23.7	GP - gravel/sand

Drill Site Geologist: G Litton Log: C Benson Date: 5.12.87

Reviewed By: [signature] Date: 2/[illegible]/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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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 subrounded 10yr 5/4 yellowish brown, loose, nonplas., dry
					25.5 SP	SANDS - Fine, 10yr 5/4 yellowish brown, loose, nonplas, 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 1/4", subangular approx. 15%
34	33-35	50%		33-35		Moist sample at 34'
36	35-37	90%		35-37		saturated - water at 35'

Drill Site Geologist: C. Litus Date: 5.12.87

Reviewed By: [signature] Date: 5/15/87

ESE [illegible]

SHEET 4 OF 4

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, [illegible] non plas, sat. → 36.6 - 36.8' clay/weathered bedrock seam
	37			37		
38	39	100%		39		BEDROCK at 38'
						claystone - 5y 5/3 olive - soft & weathered
40						END OF BORING AT 40'

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

Reviewed By: [signature] Date: [illegible]

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

Box no.	Depth / Rec. Int.	Core	Structure / Bedding: Angle	Structure / Bedding: Desc	Hardness S	Hardness H	Veins 1° I	Veins 1° H	Veins 1° L	Veins 7° H	Mineralogy: Min	Mineralogy: Matrix	Color M	Color G	Texture / Grain Size: clay	silt	sd	gr	Lith Char	Lith Class	Description / Comments
	DEPTH	U S			S	H	I	H	L	H	Min	Matrix	M	G	01	10	100			Fl	CM (Scale 1": 2')
	42																				Casing set to 41' - bedrock at 38' - see Alluvial Log
		.8 / 4		?										2.5Y 5/2 grayish brown					?	CL	Very poor recovery: all recovered looks like claystone fand quartz/granite cobbles - from up hole) However, Resistivity log ~~looks~~ indicates sandstn from 46' to 49' - samples show no evidence of this - but it fits projection from other holes -
	44																				
	46	.2 / 4																			
	48																				
1	49	1.5		massive										2.5Y N2/0 black						Lg	Lignite -
	50																				
	52	3.3 / 4		highly fractured																	
				massive										2.5Y N5/0 gray					carb to 20% occas. silt to 25%	CL	CLAYSTONE carbon-rich claystone
	54																				
	56																				
	58	2.8 / 5																	carb to 5%		Carbon % decreases ↓

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

ESE, Inc. CORE LOG By CDB Date 5-1-87 BORE BD-53 Well(s) _____ Page 2 of 5

Run No.	Depth (ft)	Rec (ft)	RQD U	RQD S	Structure/Bedding Angle	Structure/Bedding Dirc	Hardness S	Hardness H	Perm 1° L	Perm 1° H	Perm 2° L	Perm 2° H	Mineralogy Min	Mineralogy Matrix	Color HA	Color G	Texture/Grain Size clay sd gr cm 01 1.0 100	Lith Chge	Lith Class ft	Description/Comments CM (Scale 1" = 2' ft)
	62				Nearly								speckled Fd 1%		2.5Y N3/0 very dark gray				CL	CLAYSTONE
4		2.7																63'	SS	SANDSTONE
	64				graded bedding ↓ very coarse grading ⊥ to core								qtz 65% Fd. 5% musc. 5% bio. 10%	silt rounded						
2	66																			SANDSTONE coarser = 66-69'
	68	2.5																		
5																				
	70																	70'	CL	1' of recovery from whole CLAYSTONE
3		3.4			Nearly															
5	72																			
	74																			
3		3																		
5	76																			
	78												clay 5%	pores						
		4.5																74'		
5																				

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

EJE, INC. CORE LOG By CMD Date 2/21 BURT U-22 Well(s) _____ Page 2 of 2

Core 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: Matrix	Color (M)	Color (G)	Texture/Grain Size clay sd gr mm 01 10 100	Lith Char	Lith Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	80			Massive							Clay to 10%		2.5Y N6/0	gray		silt 5%	CL	CLAYSTONE
5	82															very fine sand to 10% silt 5%		Claystone gradationally more sandy & silty
	84	3.2/5																
	86			Fracs. every .5-.7 ft							Clay frags & mineral fracs					85'	SS	SANDSTONE occas. conglomeritic beds <1" thick from 89' to 90'
	88	4.5/4		87° graded bedding undulating from 60° to 90° from core							pyrite 3% Fe-oxide stain 1%							87' - coarse sand to small gravel-size clasts - graded in beds 1" thick clay follows bedding .5' of recovery from uphole. Fe-ox stains strongly - 87 to 90 small (1") circles of orange stain
4	90																	CLAYSTONE
	92	0/3		Massive							Clay pervasive 10%		2.5Y N3/0	very dark gray		90.4	CL	
	94	5/2									Clay 20%							Lignite more intense
	96										pyrite 2%		5Y 5/1	gray				3' of recovery from preceding run
5	98	4.4/5																
	100																	

EJE, INC. WELL(S) U-22

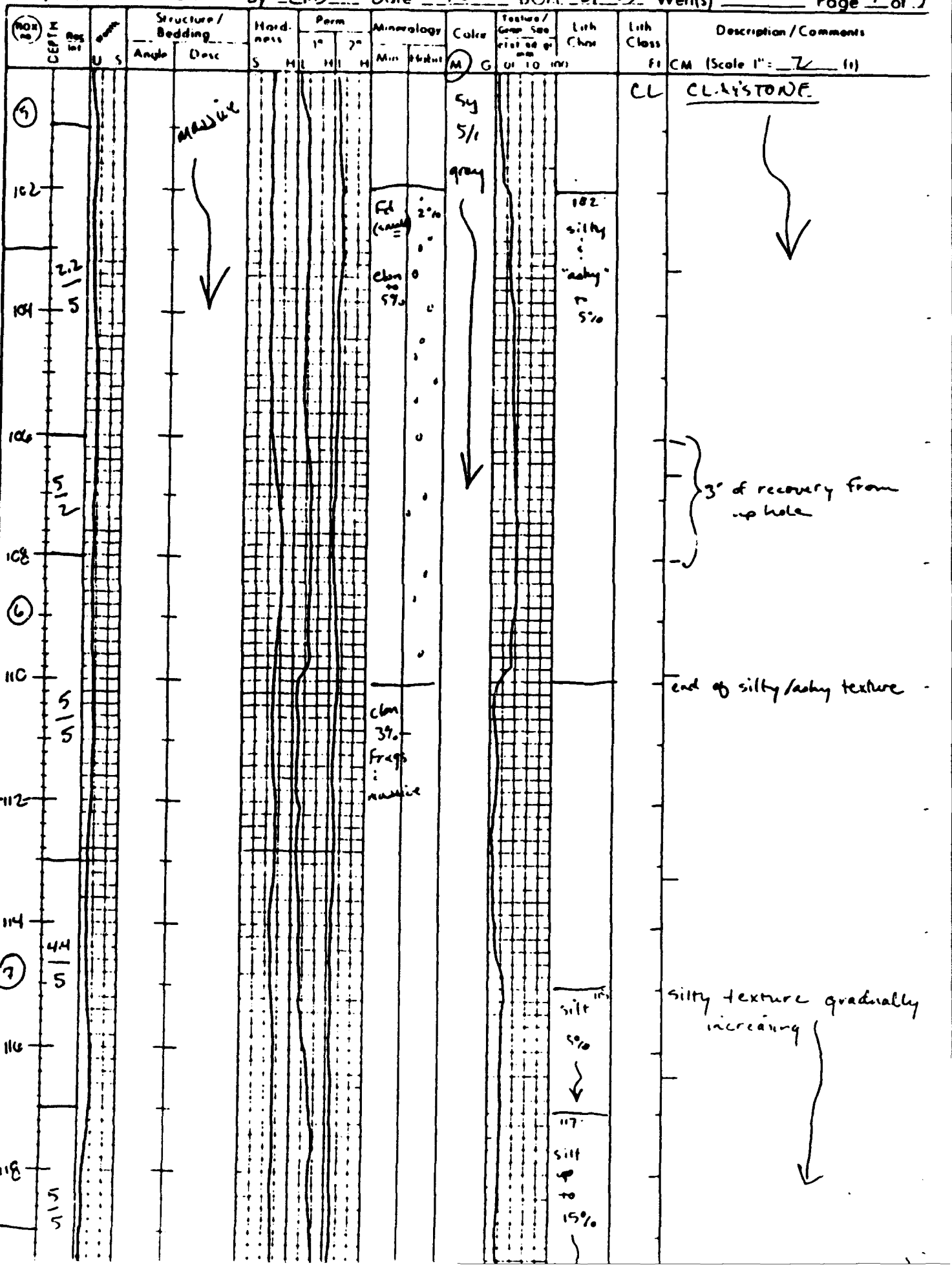
Reviewed By _____ Date _____

Co., Inc. LUKE EUU By CND Date 2/22 Hole U22 Well(s) _____ Page 3 of 3

Core (No.)	Depth (m)	Rec (m)	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness	Perm: 1°	Perm: 7°	Mineralogy: Min	Mineralogy: Matrix	Color (Munsell)	Fracture/Grain Size (clay sd gr mm)	Lith Char	Lith Class	Description/Comments
														CM (Scale 1": 2 ft)
(3)	82			Massive				Clay to 10%		2.5Y N6/0 gray		silt 5%	CL	CLAYSTONE
												Sand to 10% silt 5%		Claystone gradationally more sandy & silty
	84	3.2/5												
				Fracs. very .5-.7 Ft				Clay fragments & matrix on fracs					SS	SANDSTONE
	86											85'		occas. conglomeritic beds <1" thick from 89' to 90'
				87' graded bedding undulating from 60° to 90° from core										87' - coarse sand to small gravel-size clasts - graded in beds 1" thick clay follows bedding from .5' of recovery uphole
	88							Mica 3%						
		4.5/4												Fe/Ox stains throughout - 87 to small (1") circles of orange stain
	90							Fe/Ox stains 1%						CLAYSTONE
(4)												90.4	CL	
				Massive				Clay pervasive 10%		2.5Y N5/0 very dark gray				
	92	0/3												
								Clay 20%						Lignite more intense
	94													
		5/2						Mica 2%		5Y 5/1 gray				3 of recovery from preceding run
	96													
(5)														
	98	4.4/5												
	100													

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By CAB Date 5/13/7 BORE EP 53 Well(s) _____ Page 4 of 5



ESE, Inc. CORE LOG By CNB Date 5/27 BORE EP-53 Well(s) _____ Page 5 of 5

Core No.	Depth ft	Rec. in	Structure/Bedding: Angle	Structure/Bedding: Descr	Hardness S	Hardness H	Perm 1° H	Perm 2° H	Mineralogy: Min	Mineralogy: Hydrol	Color M	Color G	Texture/Grain Size clist ad gr mm	Lith Char	Lith Class ft	Description/Comments CM (Scale 1" = 2 ft)
	122			nebular								2.54 N7/0 Light gray		Silt to 30%		CLAYSTONE - silty 122' carbon frag - twig BANDSTONE INTERBED
														122 silt 10%		
														123'		
	124	5/5		finely bedded occas.										124 silt 10%		SANDSTONE Finer than uphole - more friable
8																
	126															
														127'		CLAYSTONE
	128								clay to 10%							
		23/5														
	130															
	132															END OF HOLE AT 132'

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

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-55A JR Well E55A #37382

Project Name and Location T-36 Yucca Mtn. Nevada Test Site Project Number 17053.074.10

Drilling Company Boyles Bros Driller Dave Jarvis Rig Number 5451 5452

Drilling Method(s) Auger

Borehole Diameter 12¼ in. ____ cm. ____ ft. ____ cm. to 49.5 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Size and Type PVC 4" .020 s/or

Total Borehole Depth 50' 49.5' ft. ____ cm.

Depth to Bedrock 49 ft. ____ cm.

Depth to Water 37 ft. ____ cm.

Water Level Determined By Sample

Length Plain PVC (total) 35.25 ft. ____ cm.

Length of Screen 16.45 ft. ____ cm.

Total Length of Well Casing 51.7 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 50 ft. ____ cm.

Depth to Top of Screen 32.55 ft. ____ cm.

Depth to Top of Sand 28.5 ft. ____ cm.

Depth to Top of Bentonite 23.0 ft. ____ cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 3/27 0905

Date/Time Finish Drilling 3/31 1000 (no more drilling)

Date/Time Start Completion 3/31 1000

Date/Time Cement Protective Casing 3/31 1345

Materials Used 11 4' TUBES 5 BOXES

Plain PVC 4-10' pieces

Slotted PVC 1-10', 1-5'

Bentonite Pellets 5 Buckets

Bentonite Granular 50 lbs

Cement 11 bags

Sand 14 bags

Water added during completion 25 gals

Water added during drilling 15 10 gals above 10' cuttings

Total Gallons of water added 40 gals

Drill Site Geologist Greg Lett Date 3/31/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 11:00 PJB

Date/Time/Personnel Casing Painted 04/08/87 14:00 PJB

Date/Time/Personnel Numbers Painted 04/17/87 0930 PJB

Materials Used 14 Bags Quick-Crete ½ Bag Cement ½ Bag SAND

Top of Protective Casing to Top of PVC	0.45	ft.	____	cm.
Top of Protective Casing to Weep Hole	1.1	ft.	____	cm.
Top of Protective Casing to Internal Mortar	1.2	ft.	____	cm.
Top of Protective Casing to Top of Cement Pad	1.9	ft.	____	cm.
Top of Protective Casing to Ground Level	2.1	ft.	____	cm.

COMMENT/NOTES

Reviewed By Joseph L. Reid Date 4/20/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7392 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0636

Borehole: E-55A Well: 855A 37382

Depth-Feet	Soil/Rock Type	Well Completion	Description
		.42, 2.1, 1.7	
		Ground Level	
2.5		3.35	
5			
7.5		Joints	
10			
12.5		12.41	
15			
17.5			
20			22' Bottom of Annular
22.5		23.49	23.0 Top of Bentonite
25			
27.5			29.5 Top of Sand
30			
32.5		33.55	33.55 Top of Screen
35			
37.5		39.09	
40			
42.5			
45			
47.5			
50			50' Bottom of Well

Drill Site Geologist: [signature] Date: 3/31/87

Reviewed By: Joseph Rud Date: 4/20/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE M-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-66A Well ~~E-66~~ JE 37386

Project Name and Location NW Installation Project Number 7-25

Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12¼ in. ____ cm. 0.0 ft. ____ cm. to 50.6 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Size and Type PVC 4" ID

Total Borehole Depth 50.6 ft. ____ cm.

Depth to Bedrock 50.0 ft. ____ cm.

Depth to Water 46.5 ft. ____ cm.

Water Level Determined By Sample

Length Plain PVC (total) 41.73 ft. ____ cm.

Length of Screen 10.89 ft. ____ cm.

Total Length of Well Casing 52.12 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 50.4 ft. ____ cm.

Depth to Top of Screen 39.51 ft. ____ cm.

Depth to Top of Sand 34.7 ft. ____ cm.

Depth to Top of Bentonite 29.7 ft. ____ cm.

Sampling Method(s) Auger

Date/Time Start Drilling ____

Date/Time Finish Drilling 4/10/87 0902

Date/Time Start Completion 4/10/87 0823

Date/Time Cement Protective Casing 4/10/87 1130

Materials Used 25 #10/ liners

Plain PVC ____

Slotted PVC ____

Bentonite Pellets 4½ buckets

Bentonite Granular ½ bucket + ¼ bucket

Cement 18 bags

Sand 9 bags

Water added during completion 5 gallons

Water added during drilling 20 g. x ~50% = 10 gallons

Total Gallons of water added 10 gallons + 5 gal = 15 gal

Drill Site Geologist K. J. Mathews Date 4-10-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5/19/87 / 0900 / RAG-WEW

Date/Time/Personnel Casing Painted 06-03-87 1430 PJB WTK

Date/Time/Personnel Numbers Painted 06-16-87 0800 PJB DLW

Materials Used 15 Bags Quickcrete 1 Bag Sand, 1 Bag Cement

Top of Protective Casing to Top of PVC	0.32 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.32 ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	1.55 ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	1.72 ft.	____ cm.	____
Top of Protective Casing to Ground Level	2.02 ft.	____ cm.	____

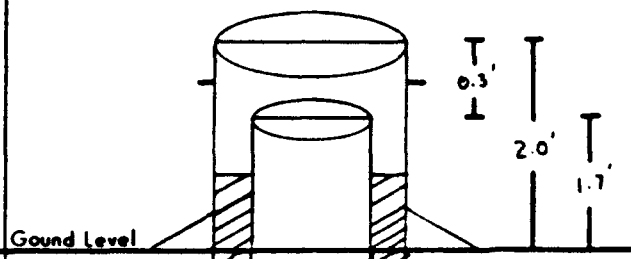
Reviewed By Joseph R. Reed Date 6/19/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: G 66 A Well: 37586

Depth-Feet	Soil/Rock Type	Well Completion	Description



5
10
15
20
25
30
35
40
45
50

Cement + bentonite 0 - 29.7'

Top of bentonite 29.7'

Top of sand 34.7'

Top of screen 39.5'

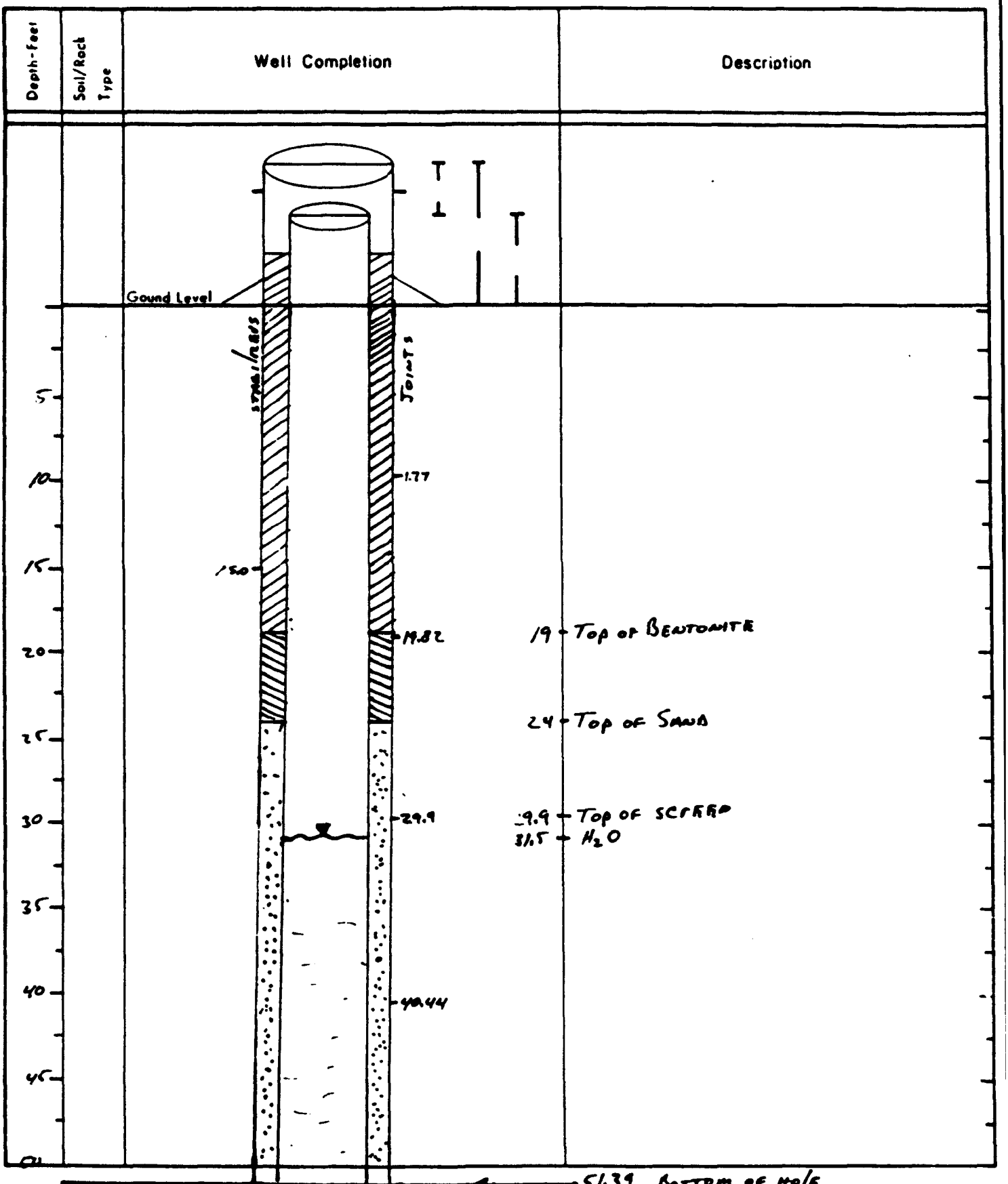
Bottom of screen 50.4'
Total Borehole Depth 50.6'

Drill Site Geologist: K. J. Matthews Date: 9/26/83

Reviewed By: [signature] Date: [illegible]

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC
7132 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: _____ Well: E67-A



Drill Site Geologist: Greg [illegible] Date: 4/2/87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole GCW E E-67A Well E67-A JR 37385

Project Name and Location T-25 YOSEMITE & 92ND Project Number

Drilling Company Burgess Bros Driller Dave Jarvis Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 51.39 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s)

Size and Type PVC 4" .020 s/or

Total Borehole Depth 51.39 ft. cm.

Depth to Bedrock 51 ft. cm.

Depth to Water 31.5 ft. cm.

Water Level Determined By Samples

Length Plain PVC (total) 31.6 ft. cm.

Length of Screen 21.49 ft. cm.

Total Length of Well Casing 53.09 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 51.39 ft. cm.

Depth to Top of Screen 29.90 ft. cm.

Depth to Top of Sand 24.0 ft. cm.

Depth to Top of Bentonite 19.0 ft. cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 4/3/87 1330

Date/Time Finish Drilling 4/3/87 1626 Does not include ream

Date/Time Start Completion 4/7/87 0830

Date/Time Cement Protective Casing 4/7/87 1120

Materials Used 22- 2' TUBES 46 CAPS

Plain PVC 3-10' SECTIONS + 1 CUT PIECE

Slotted PVC 2-10' SECTIONS

Bentonite Pellets 4.5 BUCKETS

Bentonite Granular 40 lbs

Cement 8 Bags

Sand 16 Bags

Water added during completion 35

Water added during drilling 15- all water was brought up with cuttings

Total Gallons of water added 50

Drill Site Geologist Greg Test Date 4/9/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5/19/87 RAG

Date/Time/Personnel Casing Painted 06-03-87 13:00 PJB-WTV

Date/Time/Personnel Numbers Painted

Materials Used 12 Bags Quikcrete 1 Bag sand 1 cement

Top of Protective Casing to Top of PVC	0.25 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.54 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.54 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.77 ft.	cm.	
Top of Protective Casing to Ground Level	1.95 ft.	cm.	

Reviewed By Joseph S. Reid Date 6/11/87

Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-71D1 Well 23337 SP 22079

Project Name and Location RMA MW INSTALLATION / SE, NE SECT. 22 Project Number TOSK 4/4

Drilling Company BOYLES BROTHERS Driller BOB ZONCH / DON IRVINE Rig Number FALCON 1500

Drilling Method(s) ROTARY

Borehole Diameter 11½ in. ____ cm. 0 ft. ____ cm. to 29.2 ft. ____ cm.
7⅞ in. ____ cm. 29 ft. ____ cm. to 86.5 ft. ____ cm.

Size(s) and types of Bit(s) 11½" blade bit
7⅞" blade bit.

Size and Type PVC 4" schedule 40

Total Borehole Depth	86.10 ft.	____ cm.	
Depth to Bedrock	— ft.	____ cm.	
Depth to Water	N/A ft.	____ cm.	
Water Level Determined By	N/A		
Length Plain PVC (total)	76.77 ft.	____ cm.	
Length of Screen	10.53 ft.	____ cm.	
Total Length of Well Casing	87.70 ft.	____ cm.	
PVC Stick Up	1.59 ft.	____ cm.	
Depth to Bottom of Screen	86.11 ft.	____ cm.	
Depth to Top of Screen	75.18 ft.	____ cm.	
Depth to Top of Sand	69.70 ft.	____ cm.	
Depth to Top of Bentonite	64.40 ft.	____ cm.	

Sampling Method(s) Not Sampled (see EP-71 cuttings)
Date/Time Start Drilling 12/23/87 0904
Date/Time Finish Drilling 01/06/88 1416
Date/Time Start Completion 01/06/88 1438
Date/Time Cement Protective Casing 12/23/87 1115
Materials Used 31.00 ft 8⅝" OD STEEL CASING
Plain PVC (7) 10 ft sections + 1 pc. 6.87 ft.
Slotted PVC 1 End cap = 10.43' (1-10 ft. sect.)
Bentonite Pellets 3 buckets
Bentonite Granular 2.19 bags (145/165)
Cement 14 bags
Sand 4 bags
Water added during completion ϕ
Water added during drilling ϕ
Total Gallons of water added ϕ

Drill Site Geologist [signature] Date 01/07/88

Weep hole: 1-14-88 / 1000 / DLW & RW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed RMD 3/18/88 1400 SP SS
Date/Time/Personnel Casing Painted 3/21/88 1410 SP RR
Date/Time/Personnel Numbers Painted 3/23/88 1450 BW RR
Materials Used 9 bags of cement

Top of Protective Casing to Top of PVC	0.21 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.05 ft.	____ cm.	8" Steel casing stickup = 1.80'
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	1.80 ft.	____ cm.	

Reviewed By [signature] Date 4/1/88
Drill Site Geologist [signature] Date 04/07/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7888 SOUTH ALTON WAY • SUITE H-4
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-71 P1 Well: ~~2725~~ SP 22079

Depth-Feet	Soil/Rock Type	Well Completion	Description
		0.21' 1.30' 1.59' Ground Level NC Solids	
5.21'			Screen detail: Top 75.18' 75.53' Actual screened interval 85.51' 86.11' Bottom
10			
15.27'			
20		2" steel casing	
25.26'		Centralizer	Centralizer @ 26.26'
30		29.20	Set 2" steel casing to 29.20'
35.24'			
40		Grout	
45.23'			
50		Centralizer	Centralizer @ 54.21'
55.21'			
60			
65.20'		Bentonite seal	Top of bentonite = 64.40'
70			Top of sand = 69.70'
75.18'		Sandpack	Top of Screen = 75.18'
80			Actual screened interval = 75.53 to 85.51 (see above)
		86.10' = TD	Bottom of screen = 86.11'
90			Total Borehole depth = 86.10'

Drill Site Geologist: [signature] Date: 01/08/88

Reviewed By: [signature] Date: 4/1/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

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) 97.89 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 cuttings)

Date/Time Start Drilling 1-11-88 / 0917

Date/Time Finish Drilling 1-13-88 / 1215

Date/Time Start Completion 1-13-88 / 1345

Date/Time Cement Protective Casing 1-12-88 / 1615

Materials Used 93.99' 8" Steel casing

Plain PVC 10 sections (97.89') Schedule 40 - 4"

Slotted PVC (1) 5' section + endcap = 5.81'

Bentonite Pellets 1.5 buckets

Bentonite Granular 7.7 bags (50 lb bags)

Cement 37 bags (90 lb bags)

Sand 1.5 bags (90 lb bags)

Water ~~added~~ circulated during completion ≈ 100 gallons

Water added during drilling Ø

Total Gallons of water added Ø

Drill Site Geologist [signature] Date 01/14/88

Weep hole 13-JAN-88/1020/BCW & BW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD 3-18-88 SMP-SS

Date/Time/Personnel Casing Painted 3/21/88 1000 SMP RR

Date/Time/Personnel Numbers Painted 3/23/88 1450 BW RR

Materials Used 10 bags concrete

Top of Protective Casing to Top of PVC 0.10 ft. ____ cm.

Top of Protective Casing to Weep Hole 1.40 ft. ____ cm.

Top of Protective Casing to Internal Mortar 1.45 ft. ____ cm.

Top of Protective Casing to Top of Cement Pad 1.90 ft. ____ cm.

Top of Protective Casing to Ground Level 2.10 ft. ____ cm.

COMMENT/NOTES

8" Steel casing stickup = 2.1'

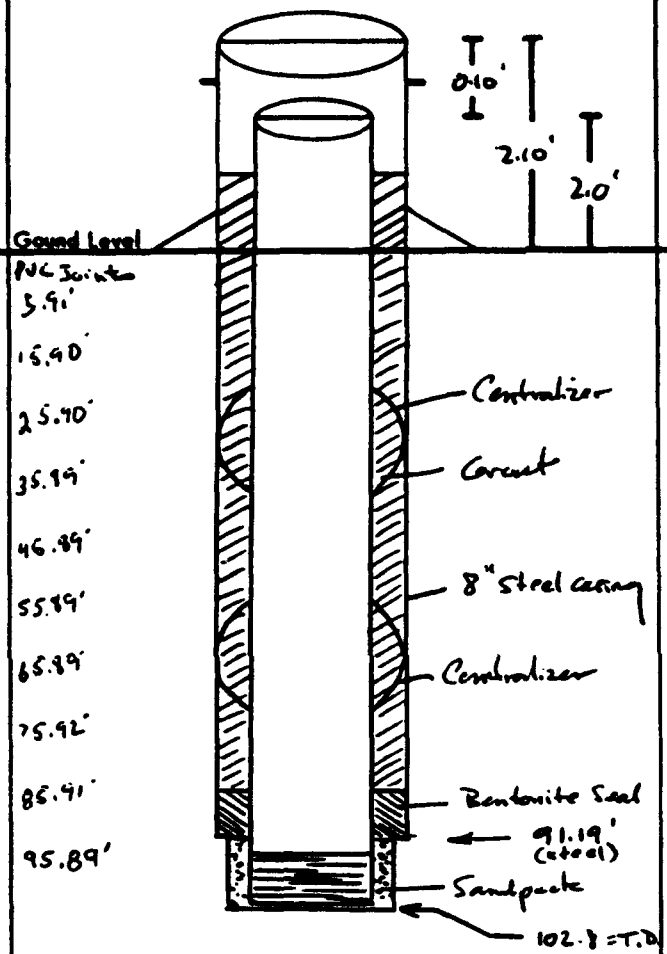
Reviewed By [signature] Date 4/1/88

Drill Site Geologist [signature] Date 04/14/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7200 SOUTH ALTON WAY · SUITE H-1
ENGLEWOOD, COLORADO 80112 · 303/741-0039

Borehole: EP-7182 Well: 22080

Depth-Feet	Soil/Rock Type	Well Completion	Description

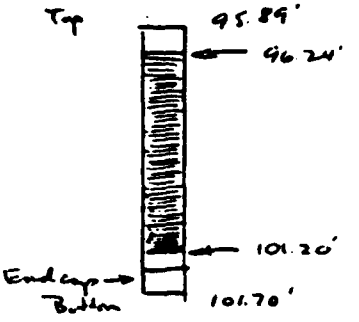


Centralizer @ 3.9'

Centralizer @ 63.9'

8" steel casing set to 91.19'
Top of Bentonite = 85.68'
Top of Sand = 92.88'
Top of Screen = 95.89'
Actual Screened interval = 96.24' - 101.20'
Bottom of Screen = 101.70'
Total Borehole depth = 102.8'

Screen detail:



Drill Site Geologist: [signature] Date: 01/14/88

Reviewed By: [signature] Date: 9/1/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 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	SOILS LOG Description Munsell Colors
0						
0-0	0-0	2'	N/A	0-2	ML	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
2						ML, sandy silt 10% vfg sand w/ trace calcite 10YR 5/3 brown, non-plastic, medium dense, slightly moist, Alluvium
	2-4	2'		2-4		
4						ML, sandy silt ~ 30% vfg sand, w/ trace calcite 10YR 5/4 yellowish brown, non-plastic, medium dense. slightly moist, Alluvium
	4-6	2'		4-6		
6						NO RECOVERY 6'-9.5' Encountered white fine silt plugged bbl.
	6-8	0		6-8		
8						
	8-10	.5'		8-10		
10						@ 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
	10-12	2'		10-12		@ 11.00' ML, sandy silt, ~ 10% sand, 10YR 5/2, grayish brown w/ ~ 15% calcium carbonate 10YR 8/2 white non-plastic, medium dense, dry, Alluvium
12						

Drill Site Geologist: K Pacheco Date: 11-12-97

Reviewed By: [signature] Date: 11/18/97

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7300 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: RF 71 A Well Number:

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
12	12-14	2'	N/A	12-21		@12.0' Weathered clayey siltstone, ~ 40% clay 10YR 5/2, grayish brown w/ 10YR 7/2 pale brown calcium carbonate spots. traces of small gravel possibly granite, dense, dry, Bedrock ↓
14	14-16	2'		14-16		Same w/ ~ 30% calcium carbonate 10YR 8/2 lt. brownish gray
16	16-18	0		16-18		NO RECOVERY 16-20' Encountered gravel @ ~ 16.5 sample fell out
18	18-20	0		18-20		gravel won't enter shoe.
20	20-22	2'		20-22		@20' GW, sandy gravel, ~ 30% sand 10R 4/4 weak red to 10YR 5/3 brown, dense, loose, moist, @20.5' SM, sandy clay, slightly weathered, oxidized, 10YR 5/2 grayish brown, medium dense, moist.
22	22-24	0		22-24		NO RECOVERY 22-24' coarse + fine gravels.
24						

Drill Site Geologist: K. Pacheco Date: 11-12-87

Reviewed By: [signature] Date: 11/18/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP 7M1 Well Number:

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
24	92-K	2'	N/A	92-42		@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

Drill Site Geologist: K. Pacheco Date: 11-12-87

Reviewed By: Date: 11/18/87

ESE, Inc CORE LOG By SP Date 10/27/87 BORE EP-71 Well(s) _____ Page 1 of 6

Depth (ft)	Recovery	Structure / Bedding Angle	Structure / Bedding Description	Hardness S	Porosity	Mineralogy	Color M	Texture / Grain Size	Lith Char	Lith Class	Description / Comments CM (Scale 1" = 2 ft)
											Bedrock at ≈ 17' Casing set to 26', Begin coring at 26
26	4/5		Massive Low Angle Veining				5Y5/2 Lt olive gray		25% sand	CS	Claystone
										ZLD	
28	0/5										No Core Recovered from 27' to 30.5'
30											
										30.5	
32	4/5	30	Massive 5YR/4 Mod. Dk. Gray				5Y4/1 Olive gray			CS	Claystone
		35	5YR/4 Mod. Dk. Gray								
34											
	9/9						5Y6/1 Dusky Yellow				
36	9/9										
	9/1										
38	3/4										

BORE EP-71 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By SP Date 10/27/87 BORE EP-71 Well(s) _____ Page 2 of 6

Core No	Rec Int	Structure / Bedding	Hard	Form	Mineralogy	Color	Texture / Lam Sed	Lith Char	Lith Class	Description / Comments
		Angle / Dir			Min / Matrix	M C			Ft CM	(Scale 1" = 2 ft)
									CS	Claystone
42		Mottled				5Y 6/4 pale yellow				
①	3/4									
44						10Y 6/2 Pale Olive				
	1.7/4									
46										
48						5Y 5/6 Light Olive brown				
②	4/5									
50		Faint thin wavy laminae 35° silt			3% clay Fe ox	5Y 4/1 Olive gray		10% sand 10% silt		
52		Mottled			Fe ox					
54	4.3/5									
56										
58					Fe ox					
	2.9/5									
						5Y 5/2 olive gray				

BORE EP-71 WELL(S)

ESE, Inc.

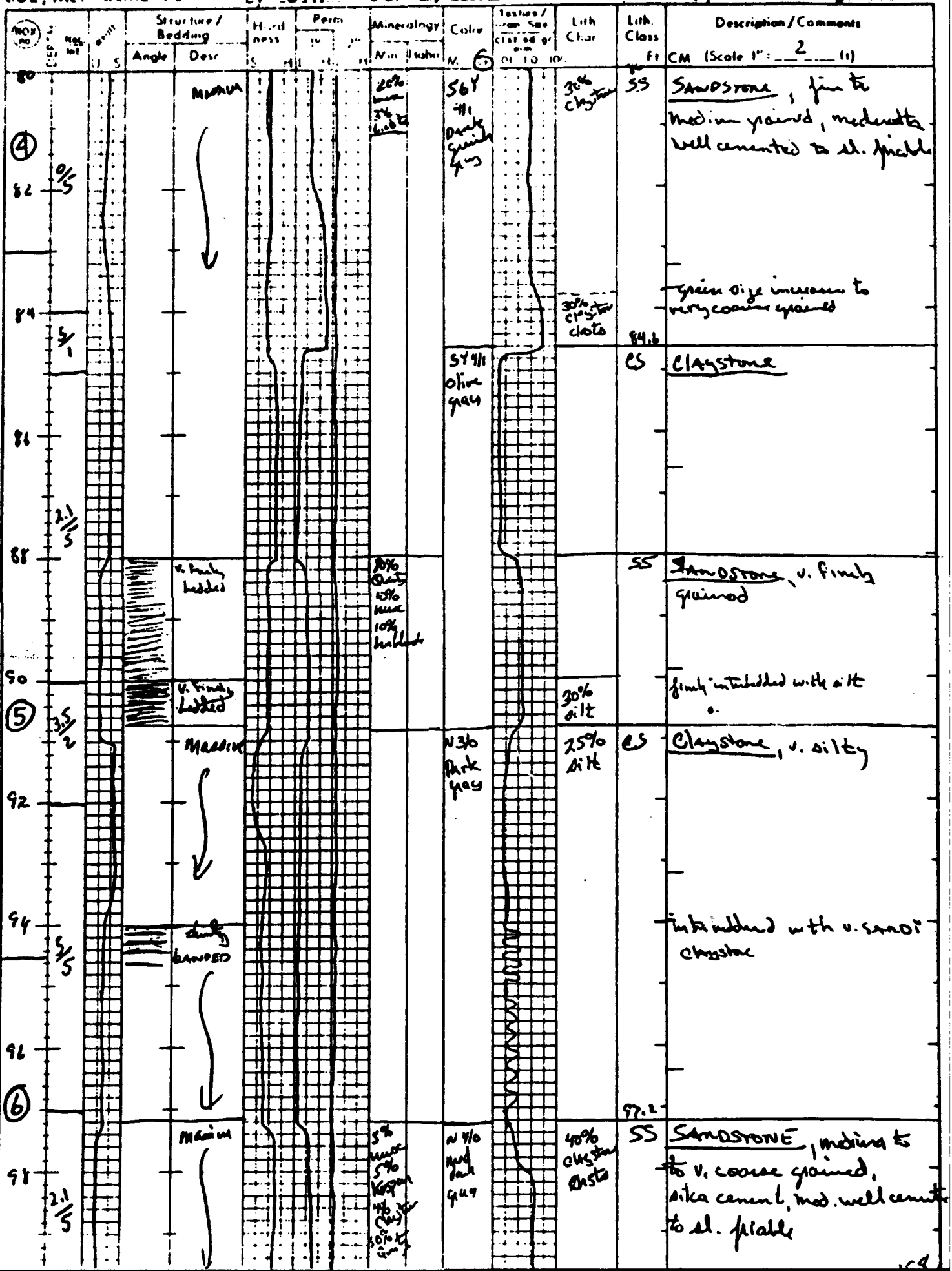
ESE, Inc. CORE LOG By SP Date 10/27/17 HOLE EP-71 Well(s) _____ Page 3 of 6

Angle	Structure / Bedding: Angle	Structure / Bedding: Dir.	Mineralogy	Color	Texture / Lith Class	Description / Comments
				5Y 4/1 Olive gray	5% sand 5% silt	CS Claystone
2.4/5		Measure	10% clay 1/5	N 4/0 Med dark gray	15% silt	oxidation boundary
3.5/9			2% clay gray			
				N 3/0 Dark gray	20% silt	
1.3/5				5Y 4/1 Olive gray		
				5B 5/1 Med. bluish gray		
2.1/4			chert nodules 3%			
				N 4/0 med dark gray	10% sand	sand % increases
5/5		thicky banded		N 2/0 grayish black	30% sand 76.2'	
			5% mica 10% feldspar 15% Gravel	5 GY 4/1 olive gray	30% clay/silt	SS Sandstone, medium to coarse grained, moderately well cemented to sl. friable
		Measure	7%	N 5/0 Med	15% SAND	ST Siltstone, sandy

EP-71 BOREHOLE(S) WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By S.P. Date 11/2/87 BORE EP-21 Well(s) _____ Page 4 of 6

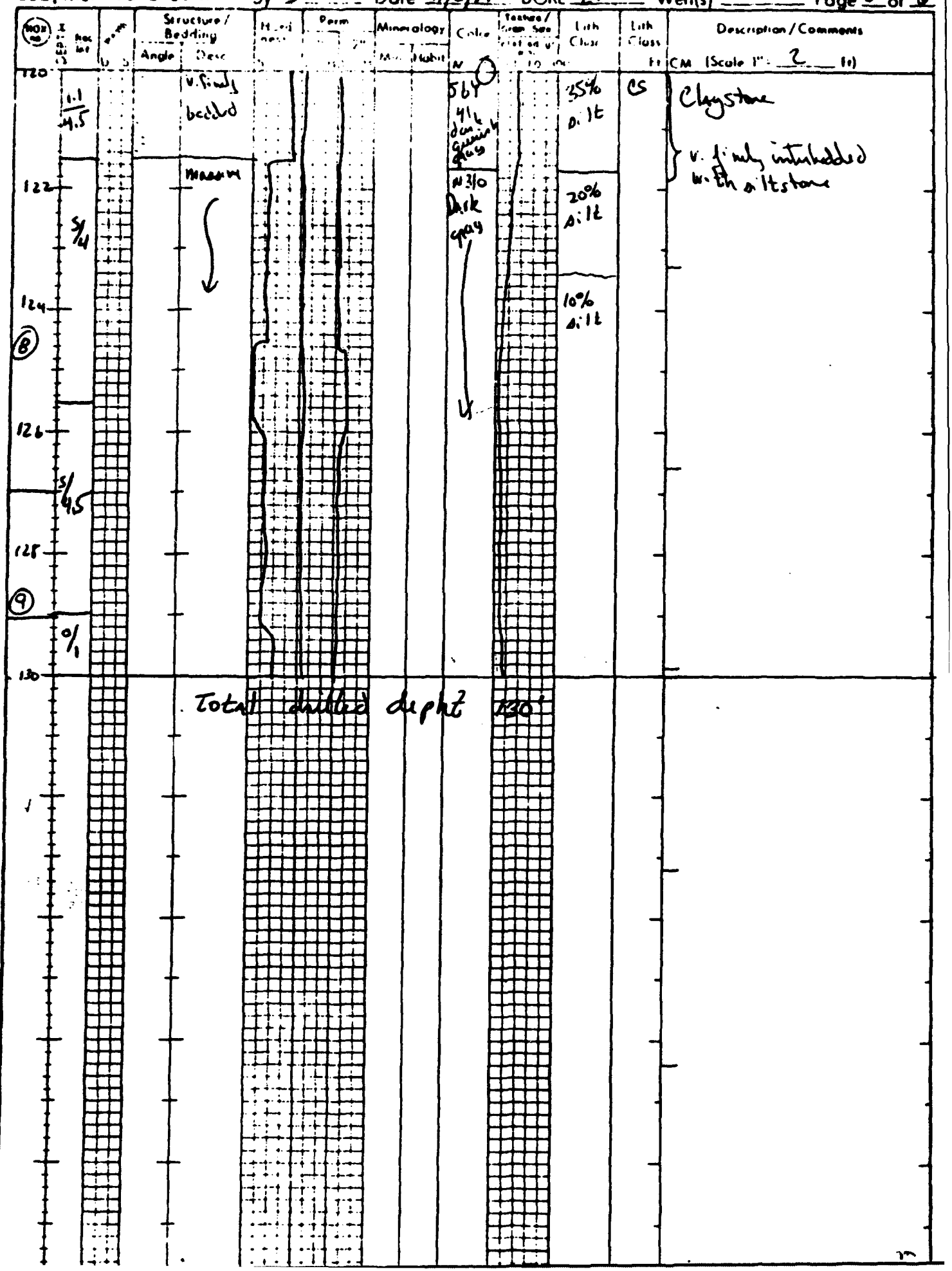


ESE, Inc. CORE LOG By S.P. Date 11/2/87 BORE EP-7 Well(s) _____ Page 5 of 6

Lith Class	Description / Comments (CM (Scale 1" = 2 ft))
SS	SANDSTONE
CS	Claystone
St	Siltstone, finely interbedded with sandstone
SS	SANDSTONE, fine to med grained, well cemented
CS	Claystone, sandy

E, Inc. BORE EP-7 WELL(S)

ESE, Inc. CORE LOG By SP Date 11/2/92 BORE EP 7I Well(s) _____ Page 6 of 6



BORE EP-7I WELL(S)

E, Inc.

Frontier Logging
Lakewood, Colorado

Company: ESE
Bore Hole: EP-71
Area/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level

Date: OCT. 23, 1987
Driller Depth: 129 FT
Bit Size: 3 7/8"
Casing Depth: 22 FT PVC
Fluid in Hole: Native mud
Density/Viscosity:
pH:
Time In: 1520
Time Out: 1650
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood
Drilling Measured From: Ground Level

EQUIPMENT DATA

TD Logged: 125½ FT
Natural Gamma: 200 Scale = 20 CPS per Inch
Time Constant: 2 Sec
Logging Speed: 15 F/Min
Cable Source No/Value: CPS
Probe No: 103-1421
Probe Diameter: 1 5/8"
Detector Type Size: xtal 3/4 x 1"
K Factor: 2.38 x 10⁻⁵
Bond Time: 7 Microsec
Water Factor: for hole size
Casing Factor: for well size
Resistance: 40 ohms/5" Ohms per 5 Inches
S.P.: 60 MV/Inch MV per Inch

NATURAL GAMMA RERUNS (ANALOG)
(Initial log all scale)

Scale = CPS/in	T.C. Sec	Logging Speed F/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 Strength
CPS/inch
Neutron Source No
Type Strength
CPS/inch

NATURAL GAMMA
20 CPS
Initial Log

S.P.
- 60 MV +

RESISTANCE
40 OHMS/ 5 Inches

		Azimuth	Offset
		True Vertical ft	Survey Depth ft

NATURAL GAMMA

20 cps

Initial Log

S.P.

- 60 MV +

RESISTANCE

40 OHMS/ 5 inches



PRINTED IN U.S.A.


100
0
20
40
COUNTS PER SECOND
FRONTIER LOGGING CORPORATION

NATURAL GAMMA
RESISTANCE
Depth
Open hole
Cased hole
0
20
40
COUNTS PER SECOND
No. GC1314-2

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7335 SOUTH ALTON WAY • SUITE 14-I
ENGLEWOOD, COLORADO 80112 • 303/741-0008

WELL CONSTRUCTION SUMMARY

Borehole EP 72 01 Well 23229

Project Name and Location Task 44 Section 22 Water Observation Wells Project Number 17053 0040

Drilling Company Bowles Bros Driller Don Jones 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 slot

Total Borehole Depth 22.4 ft. ____ cm.

Depth to Bedrock 20.5 ft. ____ cm.

Depth to Water 16.5 ft. ____ cm.

Water Level Determined By Previous Sampling

Length Plain PVC (total) 18.23 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 16.7 ft. ____ cm.

Depth to Top of Bentonite 6.5 ft. ____ cm.

Sampling Method(s) ____

Date/Time Start Drilling 9/22/87 1440

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 20 gals to mud/cement

Water added during drilling 5

Total Gallons of water added 25

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 ____

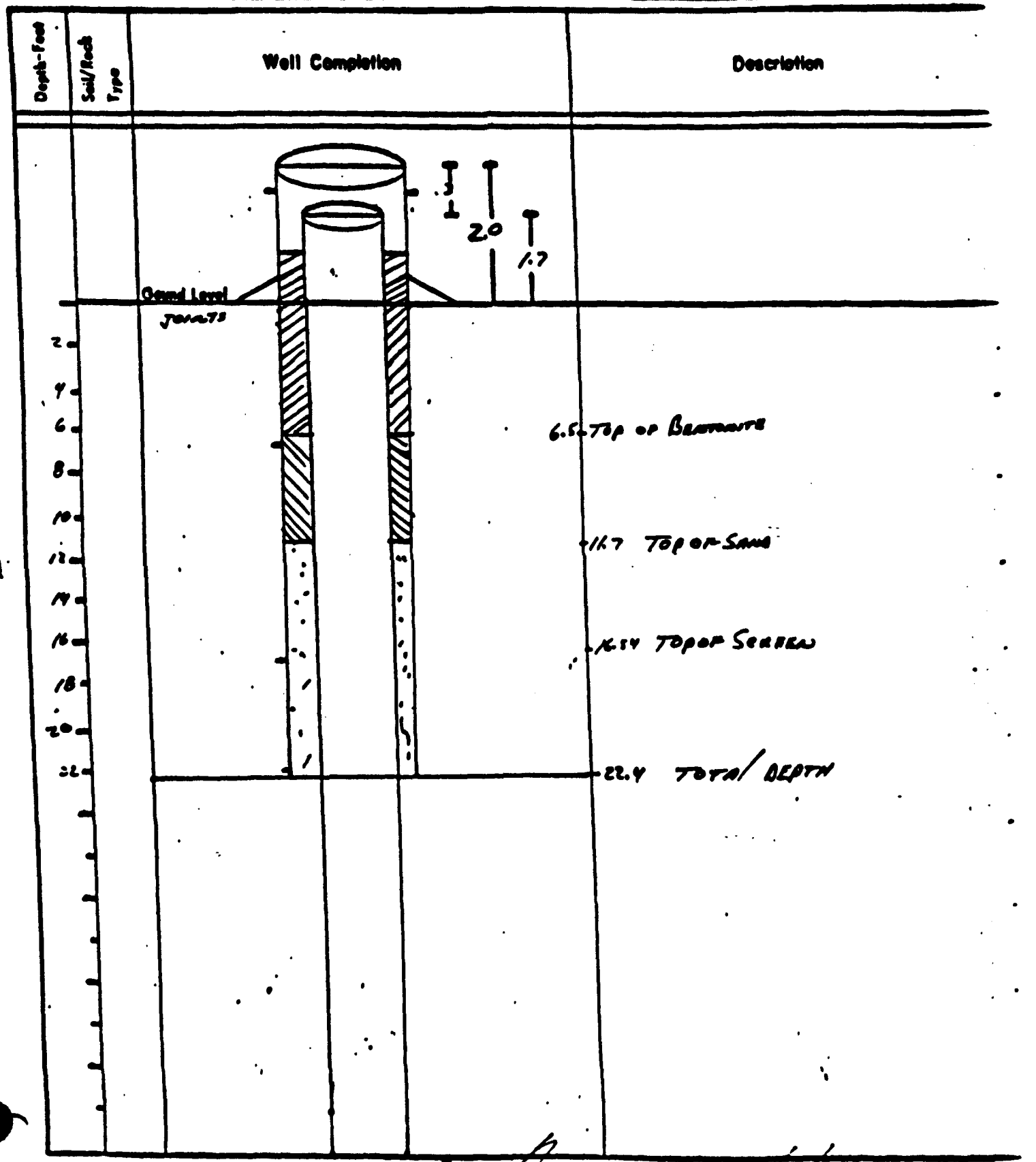
Top of Protective Casing to Top of PVC	____ ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	____ ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	____ ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	____ ft.	____ cm.	____
Top of Protective Casing to Ground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

Reviewed By ____ Date ____

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-8000

Borehole: EP-72 DL Well: 23729



Drill Site Geologist: [signature] Date: 9/23/87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7393 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0969

WELL CONSTRUCTION SUMMARY

Borehole EP-72-02 Well 23230
Project Name and Location Tenneco Solar Well Decommissioning Wells Project Number 17053.0010
Drilling Company Boyles Bros Driller D. Jensen Rig Number 5445
Drilling Method(s) Rotary

Borehole Diameter 12¼ in. ____ cm. SURFACE ft. ____ cm. to 106.19 ft. ____ cm.
7⅞ in. ____ cm. BEDROCK ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 12¼ BLADE BIT
7⅞ BLADE BIT
Size and Type PVC 4" .010 SLOT
Total Borehole Depth 123.54 ft. ____ cm.
Depth to Bedrock 85 ft. ____ cm.
Depth to Water 26.5 ft. ____ cm.
Water Level Determined By previous samplings
Length Plain PVC (total) 117.37 ft. ____ cm.
Length of Screen 5.87 ft. ____ cm.
Total Length of Well Casing 125.24 ft. ____ cm.
PVC Stick Up 1.7 ft. ____ cm.
Depth to Bottom of Screen 123.54 ft. ____ cm.
Depth to Top of Screen 118.67 ft. ____ cm.
Depth to Top of Sand 107.4 ft. ____ cm.
Depth to Top of Bentonite 101.0 ft. ____ cm.

Sampling Method(s) ____
Date/Time Start Drilling 9/23/87 1440
Date/Time Finish Drilling 9/29/87 1037
Date/Time Start Completion 9/29/87 1037
Date/Time Cement Protective Casing 9/29/87 1037
Materials Used
Plain PVC 12 10' STICKS
Slotted PVC 1 10' STICK
Bentonite Pellets 1 BUCKET
Bentonite Powder Granular 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 9/29/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ____
Date/Time/Personnel Casing Painted ____
Date/Time/Personnel Numbers Painted ____
Materials Used ____

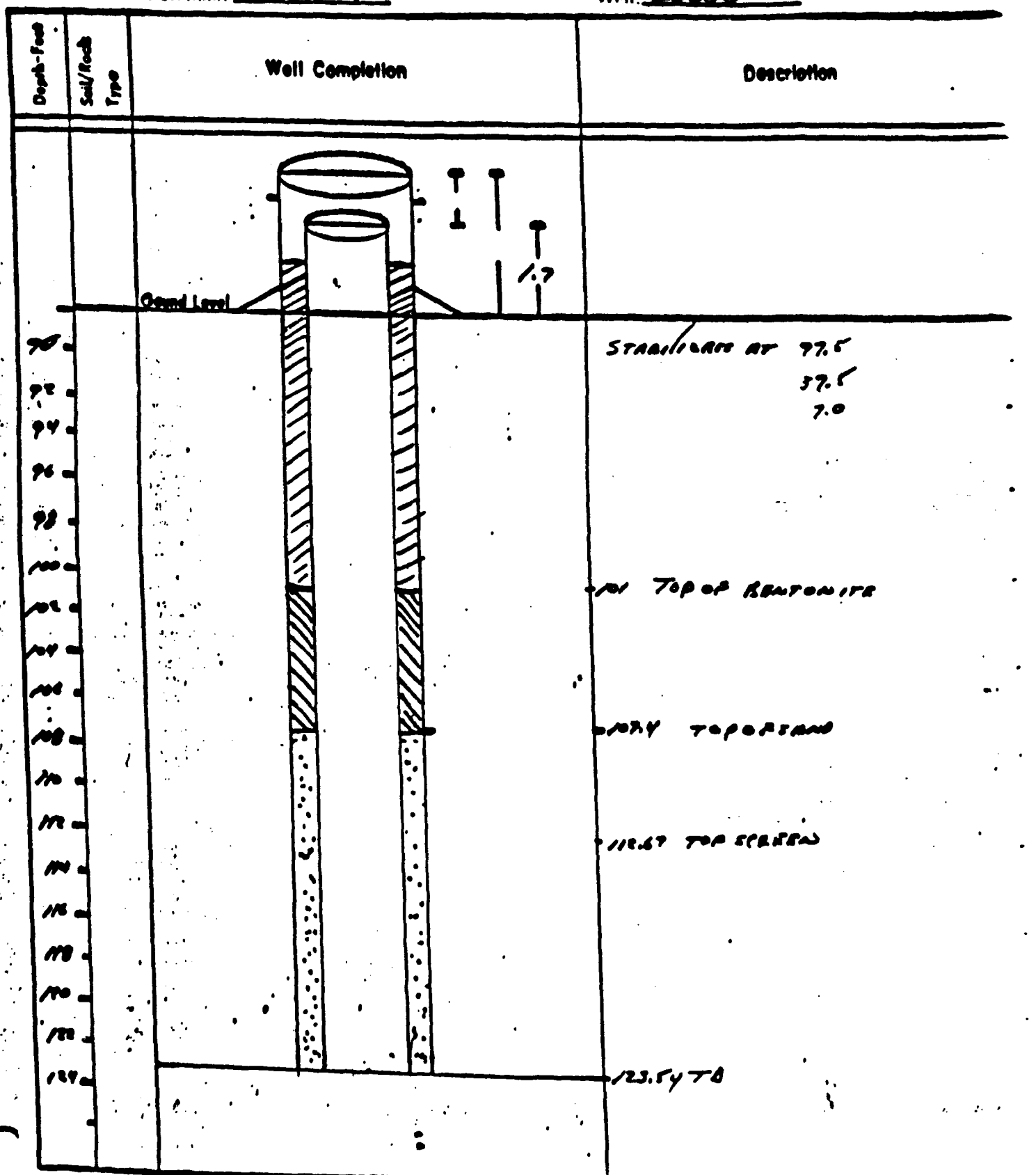
	ft.	cm.
Top of Protective Casing to Top of PVC	____	____
Top of Protective Casing to Weep Hole	____	____
Top of Protective Casing to Internal Mortar	____	____
Top of Protective Casing to Top of Cement Pad	____	____
Top of Protective Casing to Ground Level	____	____

COMMENT/NOTES

Reviewed By ____ Date ____
Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0808

Borehole: EP-92-02 Well: 23230



Drill Site Geologist: _____ Date: _____

Reviewed By: _____ Date: _____

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

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 7-29-87 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

Materials Used 9 bags cement, 90 gals. water, 1 bag bentonite

Comments Hole grouted to surface

Wellsite Geologist C. D. Peterson Date 7-30-87

Checked for Grout Settlement on 8/5/87 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 ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7202 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 1 OF 2

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'	1.9'/2.0'			CL	Clay, 30% silt, 10YR 4/4, dark yellowish brown, dry, stiff, low plastic
2'					CL	Clay, 15% silt, 10YR 6/4, light yellowish brown, dry, stiff, low plastic, calcareous porous
3'	2 2.0'-4.0'	1.85'/2.0'				
4'					SM	Silty Sand, 15% silty fine to medium grained sand, 3% coarse sand, 2.5Y 5/6, light olive brown, dry, medium dense, nonplastic
5'	3 4.0'-6.0'	1.5'/2.0'				
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 increases at 6.0' to very coarse sand and small gravel
7'	4 6.0'-8.0'	1.6'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	GC	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: 7/22/97

Reviewed By: Date:

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
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
10.5					CL	clay (see pg 1)
11	6 10.0'-12.0'	2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL		Claystone bedrock, 5Y 4/2, olive gray, hard, moist, medium plastic, 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 Lane Date: 7/22/87

Reviewed By: _____ Date: _____

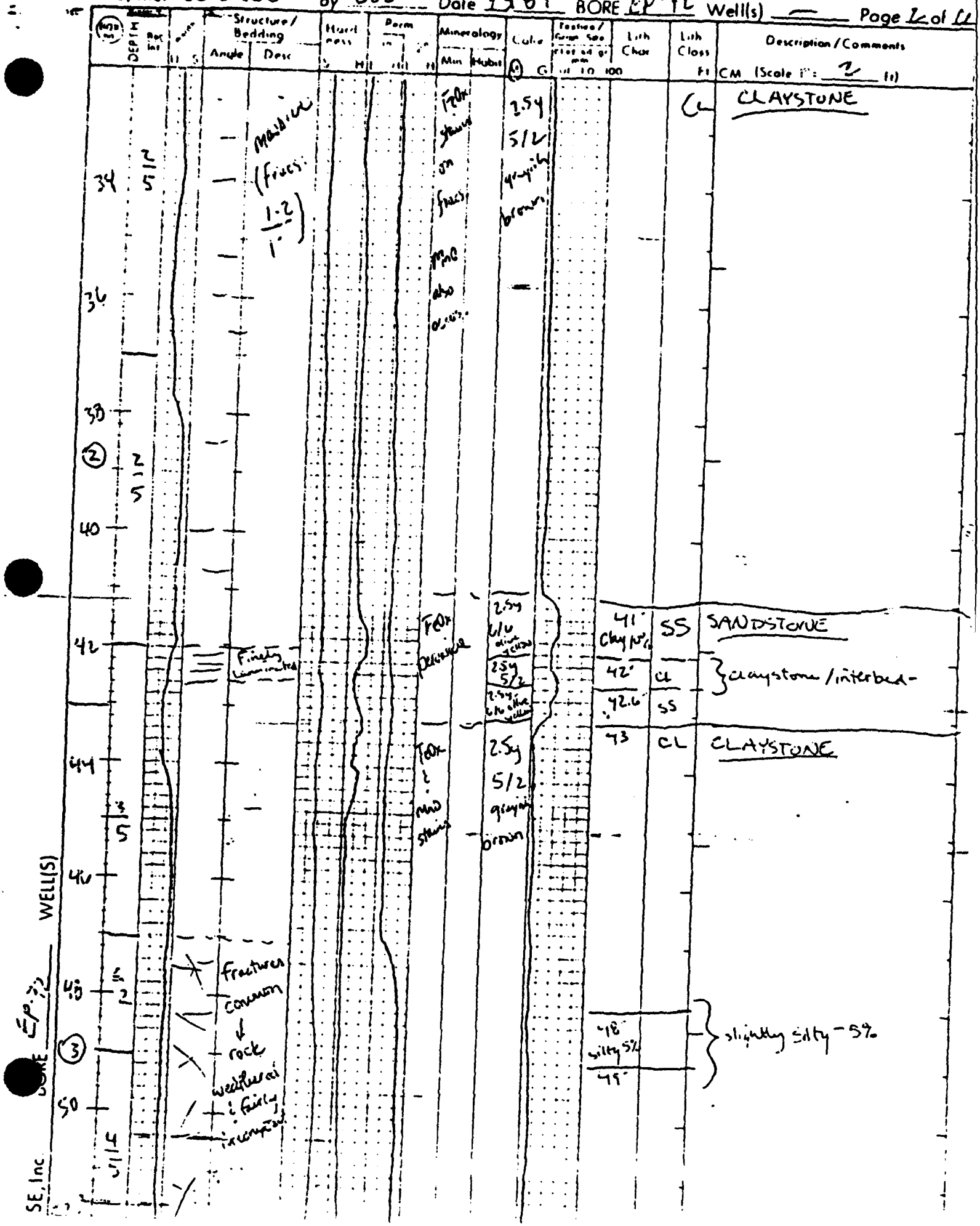
ESE, Inc. CORE LOG By CDB Date 7-31-91 BORE EP-72 Well(s) _____ Page 1 of 6

Depth	Rec	Structure / Bedding: Angle	Structure / Bedding: Dirc	Mineralogy	Color	Texture / Grain Size	Lith Char	Lith Class	Description / Comments
									Hole cased to 13.5, bedrock at 10.5 Alluvium dry —
13.5								SS	SANDSTONE
14				qtz 95% max.	2.5y 6/4				pretty cemented/friable
	2.8 / 3.5			5% feld. showing pervasive	lt. yellowish brown				
16									5' sc
18	3 / 5								
20									Z16 13.5 / 8.1
21									
22			Fracs.	FeOx + MnO or FrAgs	2.5y 5/2 grayish brown		occas. Lithic frag. (rounded)	21.6 CL	CLAYSTONE scc.
			1-3 / 1'						
24			to core axis						T.D. 8.1' S.S / 2.7'
	4.2 / 5								23 12 / 22 12.5
26									16 19 22
28									
30	5 / 5								

BORE EP-72 WELL(S)

ESE, Inc

ESE, Inc. CORE LOG By COB Date 7-3-87 BORE EP-12 Well(s) — Page 2 of 11



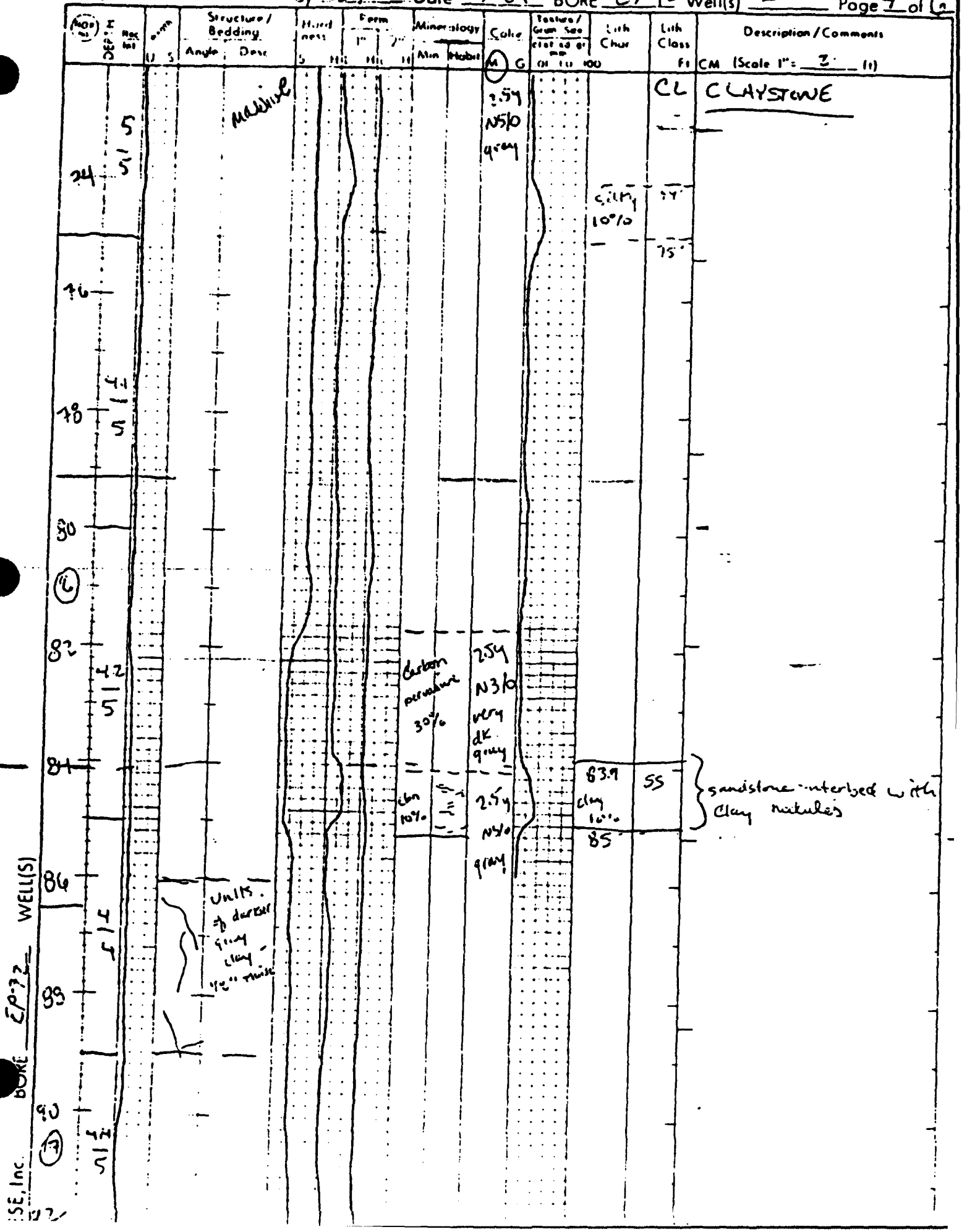
ESE, Inc. CORE LOG By CDP Date 7.31.87 BORE EP-72 Well(s) — Page 2 of 2

Depth	Rec.	Structure/Bedding Angle	Structure/Bedding Dir.	Hard nesses	Perm	Mineralogy Min	Mineralogy Habit	Color	Texture/Grain Size	Lith Chart	Lith Class	Description/Comments (CM Scale 1" = 2 ft)
54	1/1							2.54 5/2				CLAYSTONE
		Mylonite 1-2 fract 1'				Fdly gypsum on Fract						
		54.2 gouge?										Clayey - Fault gouge?
		54.7										
58	5/5											
						occas (2%)						
60						Calc nodules in frac						
62	4.2/5											
						calc for stain (rusty orange nodules or coating)						
64		60°										
		64.5 Gouge 64.7										Clayey - Fault gouge
		Mylonite						2.54 N3/0 w/ dark gray				approx. oxidation boundary
66	5/5					clay frags						
68												
70		bdg. indistinct mottled										
										68.5 silty 30%	SS	SANDSTONE
										70.9	CL	CLAYSTONE
72												

WELL(S) EP-72 BORE

ESE, Inc

ESE, Inc. CORE LOG By CGB Date 7-31-87 BORE EP-22 Well(s) — Page 4 of 6



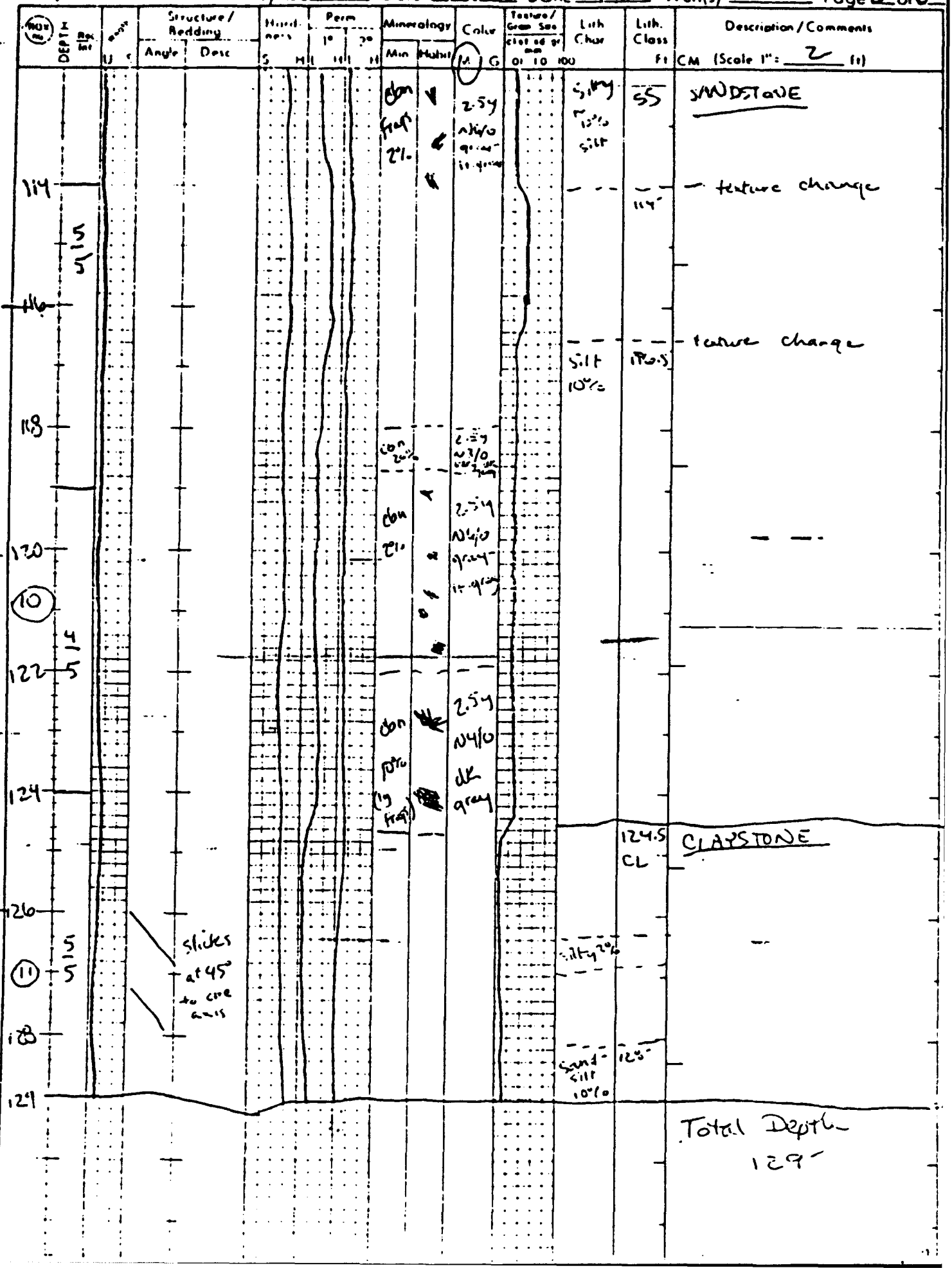
ESE, Inc. CORE LOG By CPB Date 7-31-87 BORE EP-22 Well(s) — Page 5 of 6

Depth	Structure/Bedding: Angle	Structure/Bedding: Dir.	Hardness	Perm 1°	Perm 2°	Mineralogy: Min.	Mineralogy: Status	Color (M)	Color (G)	Texture/Grain Size	Lith Char.	Lith Class	Description/Comments (CM Scale 1": 2 ft)
92								2.5Y			92' silty 5%	CL	CLAYSTONE
								N4/0			93.5'		
94						clay		dark					
								gray					
96													
98													
100													
102						clay frags							
104											103' sand 5% 104'	ST	SILTSTONE INTERBED SANDY
106						clay					106'	VC	VOLCANICLASTIC ? Claystone, clay/stone lithic fragments, and K-spar (?)
108						clay frags 2%		2.5Y			108' silt 5%, carbon 1%	SS	SANDSTONE
								N6/0			silt 10%		"Clean" sandstone - fine, even texture, etc
								light gray					

Structure/Bedding: Wash out; clay vein ⊥ to core axis 1/8"; finely bedded ⊥ to core axis

BORE EP-22 WELL(S) — Inc.

ESE, Inc. CORE LOG By COB Date 7.31.87 BORE EP-72 Well(s) — Page 6 of 6



Frontier Logging
Lakewood, Colorado

Date: JULY 30, 1987

Company: ESE
Well: EP-72
Field/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level
Drilling Measured From: Ground Level

Driller Depth: 130 FT
Bit Size: 3 1/8"
Casing Depth: 13 FT
Fluid in Hole: Water + Native Mud
Density/Viscosity:
pH:
Max Recorded Temp:
Standby:
Time In: 1130
Time Out: 1255
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood

EQUIPMENT DATA

TD Logged: 95 and 130 Ft
Natural Gamma: 200 Scale = 20 CPS per inch
Time Constant: 2 Sec
Logging Speed: 15 Ft/Min
Auxiliary Source Number: 1 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
Hole Factor: 1.10 for hole size 3 7/8"
Casing Factor: 1 for casing size
Resistance: Ohms per 5 Inches
SP: MV per inch

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

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

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

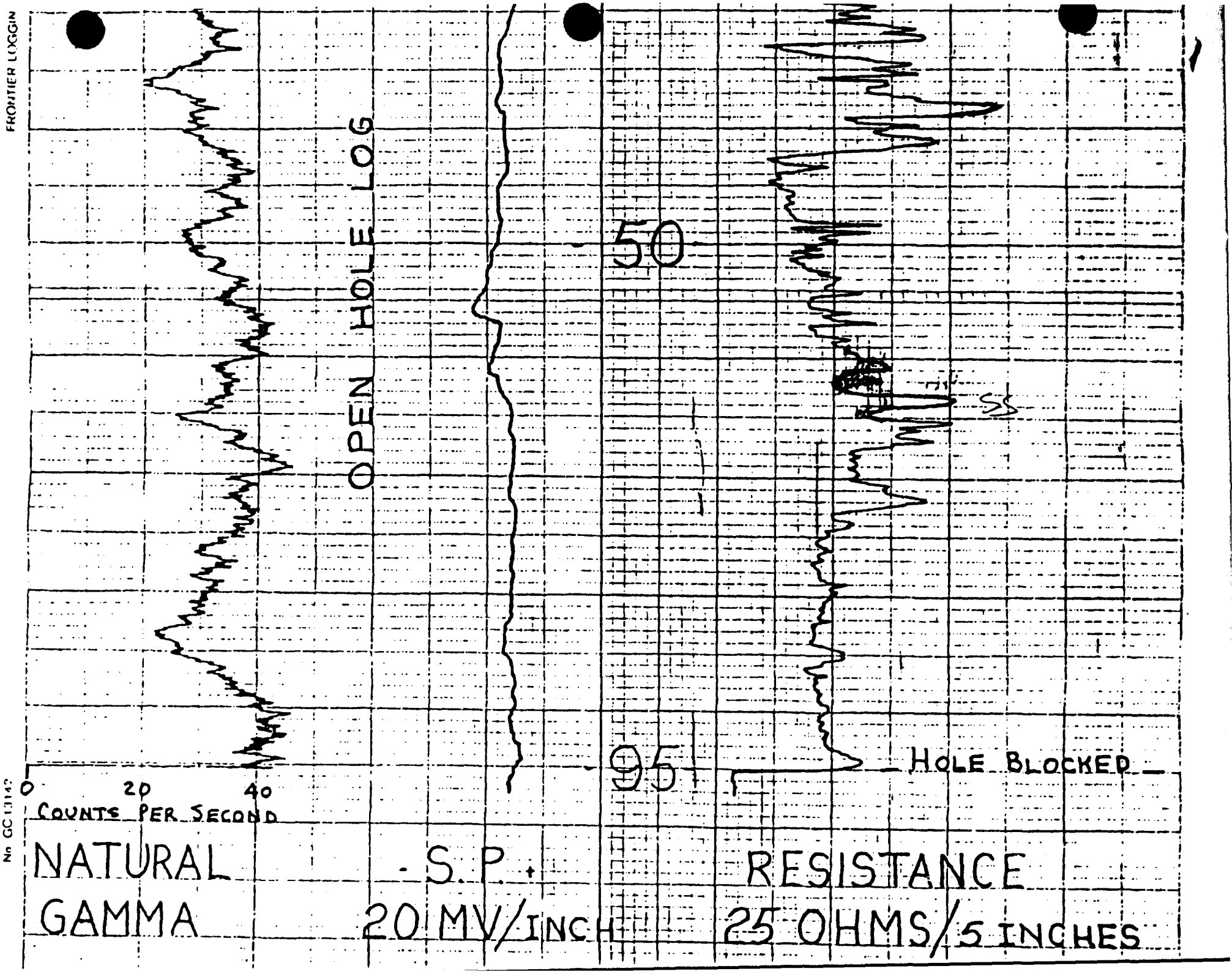
Density Source No
Type
Strength
CPS/inch
Neutron Source No
Type
Strength
CPS/inch

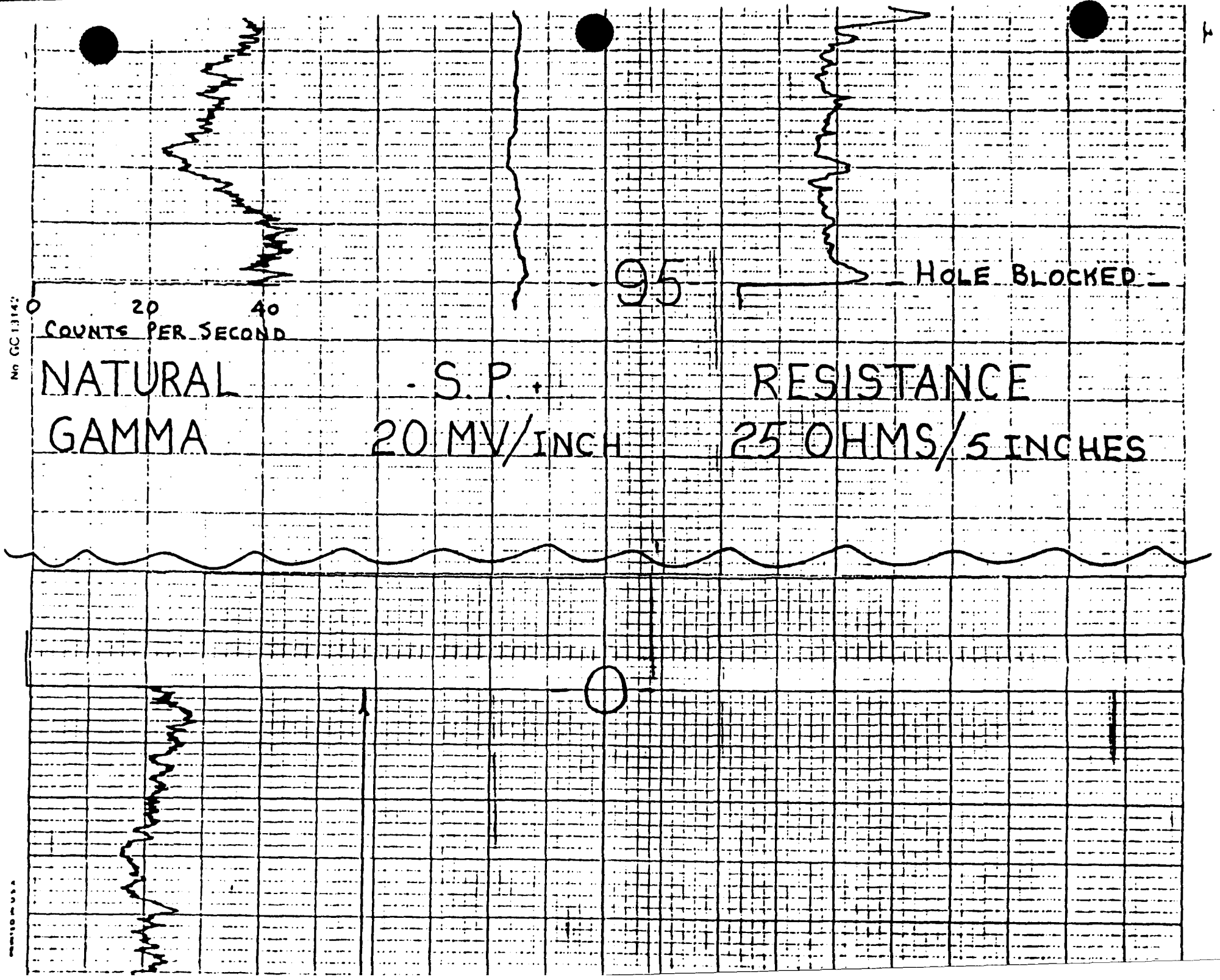
NATURAL GAMMA — 20 CPS — Initial Log

S.P. — − 20 MV +

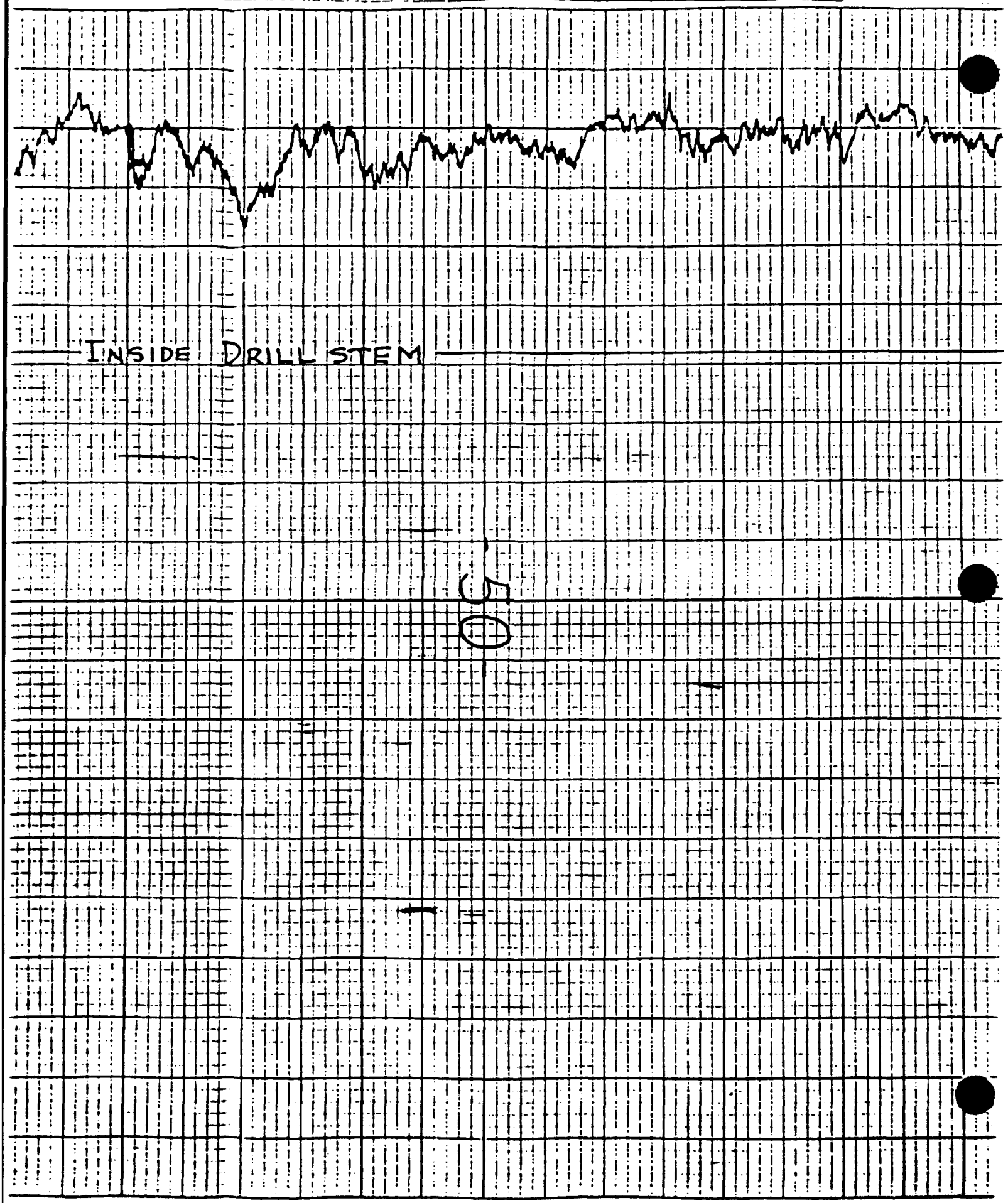
RESISTANCE — 25 OHMS/ 5 Inches

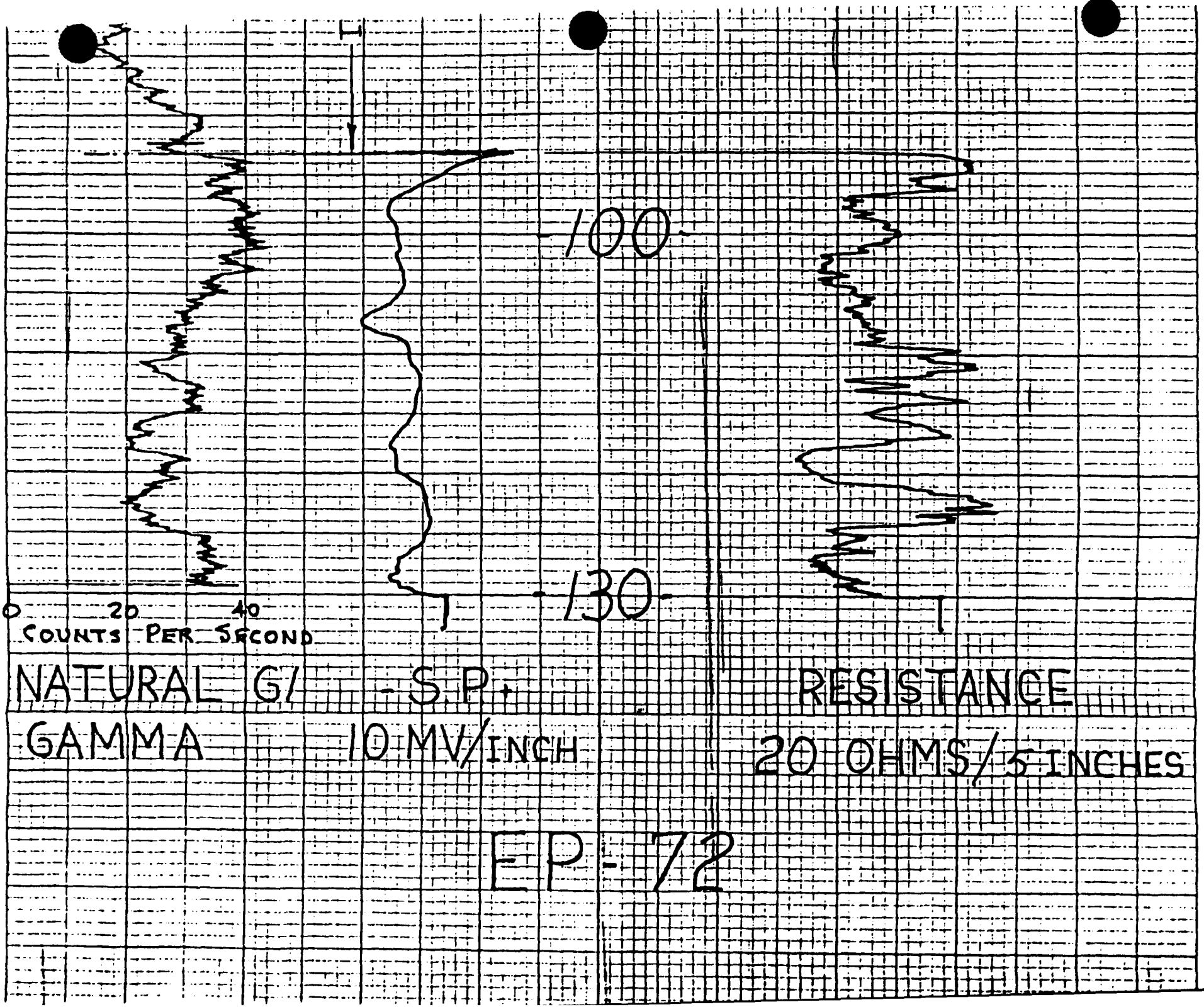
25
OHMS
20 MV
NATURAL GAMMA
0
20
40
COUNTS PER SECOND
FRONTIER LOGGING CORPORATION


FRONTIER LOGGIN
OPEN HOLE LOG
50
95
HOLE BLOCKED
0
20
40
COUNTS PER SECOND
NATURAL
GAMMA
S.P.
20 MV/INCH
RESISTANCE
25 OHMS/5 INCHES


0
20
40
COUNTS PER SECOND
95
HOLE BLOCKED
NATURAL GAMMA
S.P.
20 MV/INCH
RESISTANCE
25 OHMS/5 INCHES
0

3 CORPORATION PRINTED IN U.S.A.




FRONTIER LOGGING CORPORA
-100-
-130-
0
20
40
COUNTS PER SECOND
NATURAL G/
GAMMA
-S.P.+
10 MV/INCH
RESISTANCE
20 OHMS/5 INCHES
EP-72
No GC 13147

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-74A Well 24196

Project Name and Location RMA Section 24 Task 44 Project Number

Drilling Company Boyles Bros. Driller Don Irvine Rig Number IR

Drilling Method(s) Continuous sampled using 3¼" ID, 5" 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' 24.75 SP 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	Samples + 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	10.84 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	5 buckets
Depth to Top of Screen	16.52 ft. cm.	Bentonite Granular	½ bag
Depth to Top of Sand	11.60 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 7/25/87 900 DLW PJS

Date/Time/Personnel Casing Painted 7/26/87 1000 DLW PJS

Date/Time/Personnel Numbers Painted 3/29/88 0930 SMP KR

Materials Used 12 bags of cuhsite

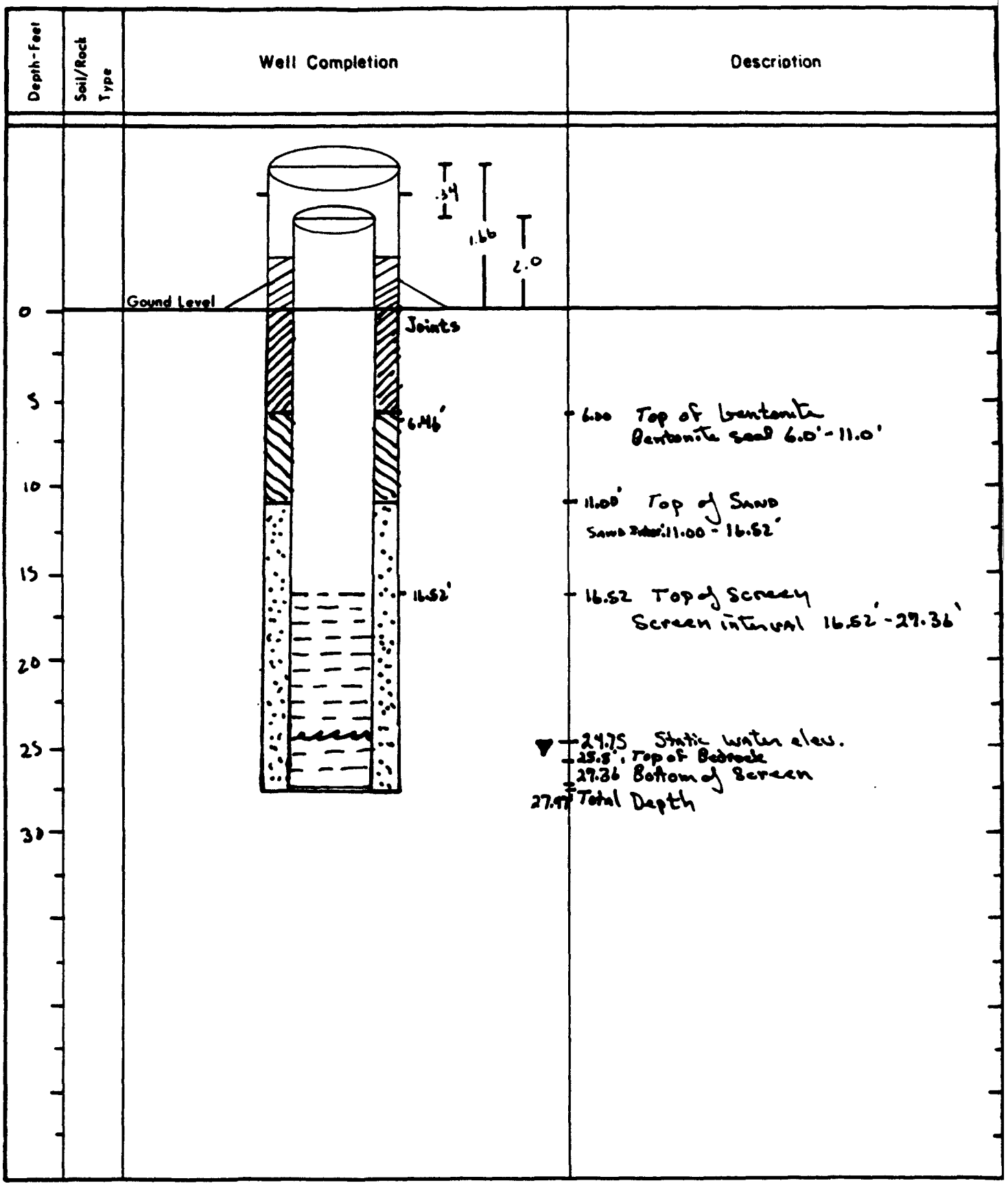
Top of Protective Casing to Top of PVC	0.34 ft. cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	1.3 ft. cm.		
Top of Protective Casing to Internal Mortar	1.35 1.95 BM ft. cm.		
Top of Protective Casing to Top of Cement Pad	1.95 ft. cm.		
Top of Protective Casing to Ground Level	2.0 ft. cm.		

Reviewed By [signature] Date 4-5-88

Drill Site Geologist [signature] Date 4-5-88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-74A Well: 2419b



Drill Site Geologist: Steve Pace Date: 7/24/87

Reviewed By: [signature] Date: 4-8-87

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

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.

Depth to Bedrock 25.5 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By —

Length Plain PVC (total) 60.31 ft. ____ cm.

Length of Screen 10.69 ft. ____ cm.

Total Length of Well Casing 71.0 ft. ____ cm.

PVC Stick Up 1.70 ft. ____ cm.

Depth to Bottom of Screen 69.30 ~~69.04~~ ft. ____ cm.

Depth to Top of Screen 58.35 ft. ____ cm.

Depth to Top of Sand 55.74 ft. ____ cm.

Depth to Top of Bentonite 50.64 ft. ____ cm.

Sampling Method(s) —

Date/Time Start Drilling 8/24/87 0737

Date/Time Finish Drilling 8/27/87 0950

Date/Time Start Completion 8/27/87 1117

Date/Time Cement Protective Casing 8/25/87 1135

Materials Used 2 centralizers, well cap cover loc

Plain PVC 6 - 10' sections

Slotted PVC 1 - 10' section

Bentonite Pellets 1⅔ buckets

Bentonite Granular 180 lbs

Cement 36 bags

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 9/10/88 1530 DLW & PSB

Date/Time/Personnel Casing Painted 9/11/88 1000 DLW & PSB

Date/Time/Personnel Numbers Painted 3/23/88 1000 SMP & RR

Materials Used 10 bags of Dakota

Top of Protective Casing to Top of PVC 0.39 ft. ____ cm.

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.

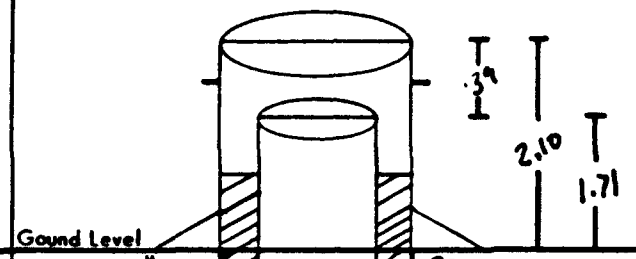
COMMENT/NOTES

Reviewed By [signature] Date 4/1/88

Drill Site Geologist [signature] Date 4/1/88

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

Borehole: EP-74D1 Well: 24197

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
10			11.4' centralizer
20			25.5' Bedrock
30			29.46 Centralizer 30.4' Bottom of 8" steel casing
40			
50			50.64 Top of bentonite 55.74 Top of Sand
60			58.38 Top of Screen
70			69.30 Bottom of screen 69.50 Total drilled depth

Drill Site Geologist: [signature] Date: 9/10/87

Reviewed By: [signature] Date: 4/1/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-74 DZ Well 24198

Project Name and Location Section 24 Mention Well Project Number T41

Drilling Company Boyle Bros. Driller B. Roach Rig Number Failing 500

Drilling Method(s) rotary

Borehole Diameter 16¼" in. ____ cm. 0 ft. ____ cm. to 31 ft. ____ cm.
12¼" in. ____ cm. 31 ft. ____ cm. to 74.50 ft. ____ cm.
7⅞" 74.50 ft to 117.00 ft.

Size(s) and types of Bit(s) 16¼" 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 67.25 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 1 well cap, lock

Plain PVC 8-10' sections, 1 cut off section

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 Parr Date 9/9/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/10/87 1420 DLW & PJB

Date/Time/Personnel Casing Painted 9/11/87 0930 DLW & PJB

Date/Time/Personnel Numbers Painted 3/23/88 1000 SMP & RR

Materials Used 10 bags of Sakrete

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.	

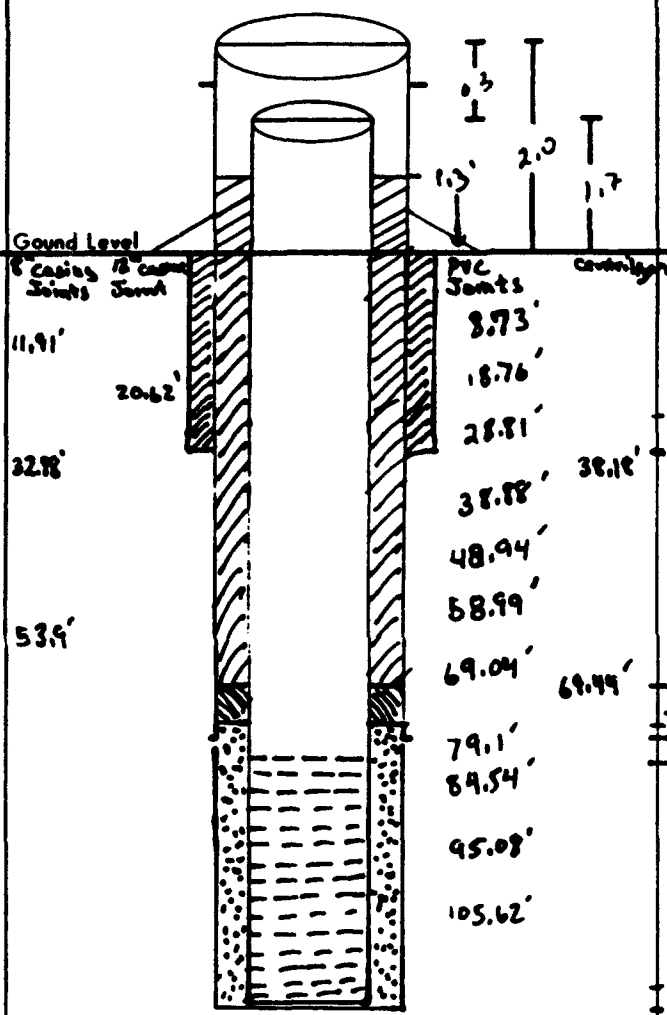
Reviewed By [signature] Date 9/1/88

Drill Site Geologist Steve Parr Date 4/11/88

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

Borehole: EP-75D2 Well: 24198

Depth-Feet	Soil/Rock Type	Well Completion	Description



25.5' Bedrock
34.1 Bottom of 12" casing
67.25' top of bentonite
73.7 Top of Sand
74.46 Bottom of 8" casing
79.10 Top of Screen
110.34' Bottom of screen
117.0' Total drilled depth

Drill Site Geologist: Steven Payne Date: 9/10/97

Reviewed By: [signature] Date: 4/1/98

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SHEET 1 OF 3

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'	1.0'/2.0'	SAME AS 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'	1.0'/2.0'			CL	Clay, 10% silty, 10YR 5/4, yellowish brown, medium stiff, dry, low plastic, calcareous at 3,7% sand, fine to coarse grained
4						
5	3 4.0'-6.0'	.8'/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'-9.0'	.63'/2.0'			CL	Clay, 30% sand, fine to coarse grained, 10YR 7/4 very pale brown, dry medium stiff, medium plastic, dry, calcareous
8	6 7.0'-9.0'	.95'/1.0'				
9	7 9.0'-11.0'	1.0'/2.0'			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 Page Date: 7/28/87

Reviewed By: Joseph LiRead 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'			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'	Same as Tube number	same as Tube interval		
16	11 16.0'-17.0'	1.0'/1.0'				gravel % increases to 10% at 16.0', small gravels
17					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
18	12 17.0'-19.0'	1.8'/2.0'				
19						
20	13 19.0'-21.0'	2.0'/2.0'				

Drill Site Geologist: Steve Pace Date: 7/28/87

Reviewed By: Joseph LiRead Date: 9/29/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7888 SOUTH ALTON WAY • SUITE H-1
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SHEET 5 OF 5

Borehole: EP-74A Well Number:

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	13 19.0'-21.0'	2.0'/2.0'	same as tube stands	same as tube intervals		Poorly graded sands (see page 2)
22	14 21.0'-23.0'	1.9'/2.0'				
23						
24	15 23.0'-25.0'	0.9'/2.0'				
25					SP	Poorly graded SANDS, coarse to very coarse grained sands, 5% small gravels, 2.5Y 5/4, light olive brown (loose, saturated)
26	16 25.0'-27.1'	2.0'/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 Ross Date: 7/25/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ESE, Inc. CORE LOG By CDB Date 8-4-87 BORE EP-74 Well(s) _____ Page 1 of 5

Depth (m)	Depth (ft)	Run No.	Rec %	RQD %	Structure/Bedding: Angle	Structure/Bedding: Description	Hardness S	Hardness M	Perm 1° L	Perm 1° H	Perm 2° L	Perm 2° H	Mineralogy: Min	Mineralogy: Habit	Color M	Color G	Texture/Grain Size: clist cd gr mm 01 1.0 100	Lith Char	Lith Class	Description/Comments (CM Scale 1": 2 ... ft)
	26																			Water at 24.75' bedrock at 25.50' Casing set to 26' Begin coring at 27'
	27														2.5y 6/4 lt. yellowish brown			27'	CL	CLAYSTONE mottled gray/brown and yellow/brown
	28					occas. coarse sand-f							Fe/Mn coatings on fract.							
	30	5	11			fract. 3-4 / 1'														
	32					0-30°														
	34	5	1																	
	36																			
	38	(1)													2.5y N4/0 gray					
	40	5	5			Finely interbedded claystone & sandstone 1 to cm scale							calc. cement laminated to blebby		2.5y N4/0			39' Sand 20% clay 18%	St	SILTSTONE - sandy, clayey calc. cement oxidation boundary
	42					occas. laminated/ fissile							calc. until 48'		2.5y N2/0 black			40.6	Lg	LIGNITE

BORE EP-74 WELL(S)

E, Inc.

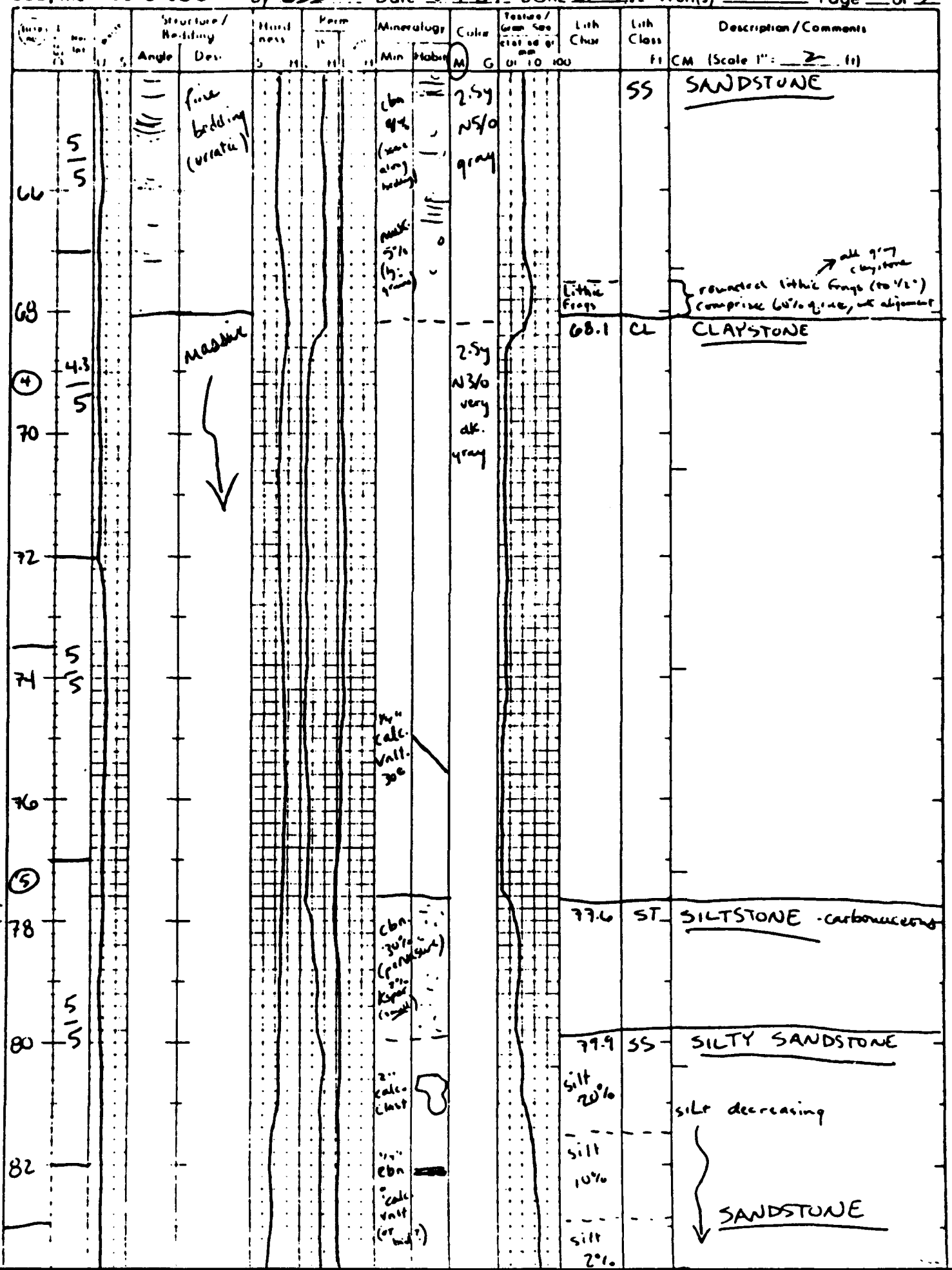
ESE, Inc. CORE LOG By CDB Date 8-4-87 BORE EP-74 Well(s) _____ Page 2 of 5

Depth (Meas)	Depth (Corr)	Run No.	Recovery %	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness	Perm: 1°	Perm: 2°	Mineralogy: Min	Mineralogy: Habit	Color (Munsell)	Texture/Grain Size	Lith. Char	Lith. Class	Description/Comments
46		3	4/5		Massive	S Hll	1° Hll	2° H			2.5Y N4/0 very dk gray		44'	CL	CLAYSTONE
48									clay 5%				47.5'	SS	SANDSTONE wkly. cemented (friable)
50		2	5/5						silt 1%				50'	CL	CLAYSTONE silty
52					Finely bedded				clay 5%				52'	ST	SILTSTONE
54													54.3'	CL	CLAYSTONE
56		1	5/5		Massive				clay pervasive (10%)		2.5Y N4/0 black				
58					irregular bedding				clay 20%		2.5Y N4/0 dark gray		57' clay 15%	ST	SILTSTONE - clayey
60													58.7 clay 20%	SS	SANDSTONE end of clay-rich zone
62									calc. bands		2.5Y N6/0 lt. gray		59.6		coarser S.S. with calc. cement & mottling
									calc. vein						

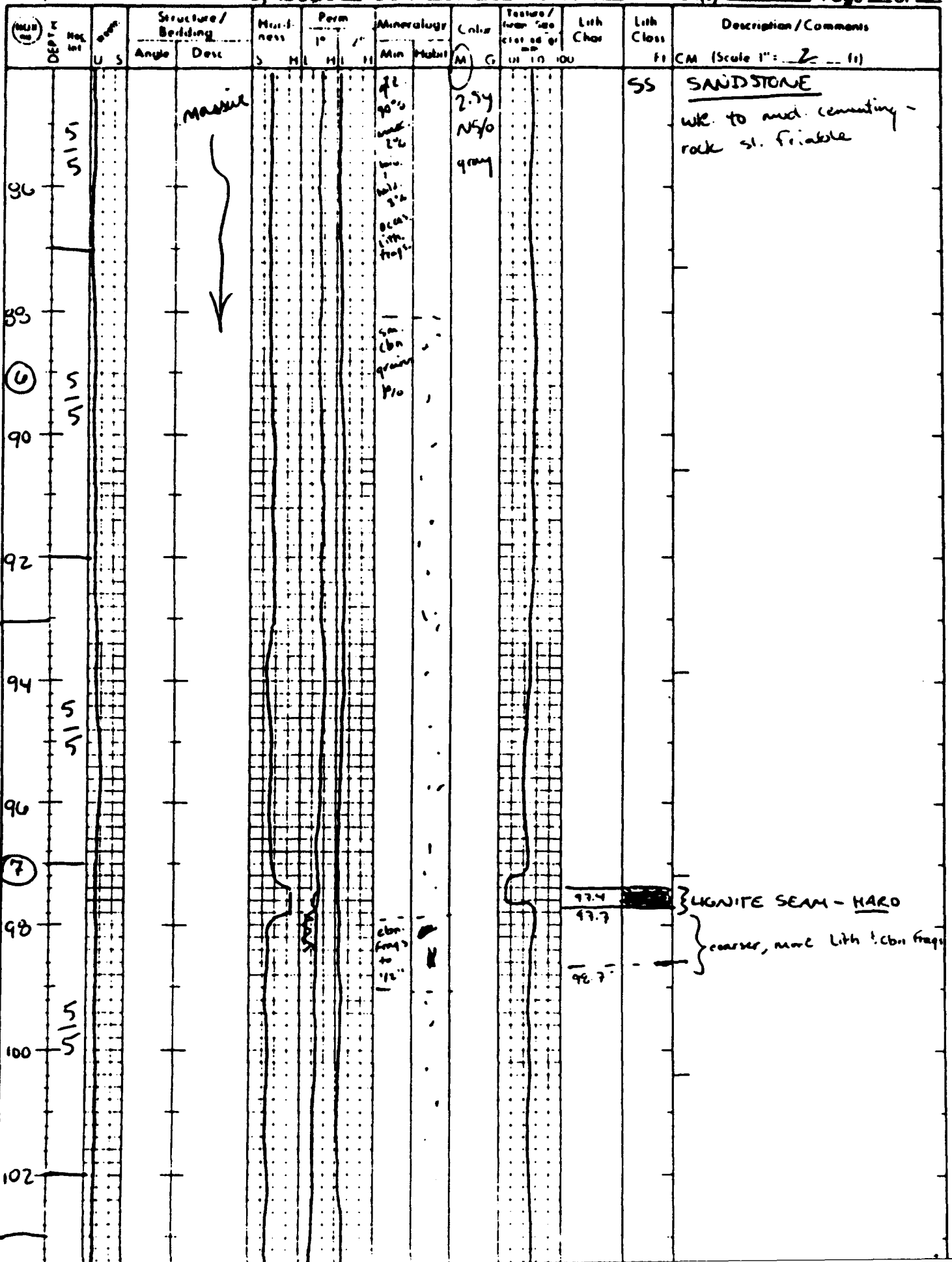
BORE EP-74 WELL(S)

E, Inc.

ESE, Inc. CORE LOG By CDB Date 8.4.87 BORE EP-74 Well(s) _____ Page 3 of 5



E.S.E., Inc. CORE LOG By CDB Date 8.7.87 BORE EP-74 Well(s) _____ Page 4 of 5



BORE EP-74 WELL(S)

E.S.E., Inc.

ESE, Inc. CORE LOG By CDB Date 8-4-87 BORE EP 74 Well(s) _____ Page 5 of 5

Depth	Core Run	Structure/Bedding: Angle	Structure/Bedding: Dess	Mineralogy: Min	Mineralogy: Mod	Color: M	Color: G	Lith Class	Description/Comments (Scale 1": 2 ft)
106	4/5		Massive			2.5y N4/0	gray	SS	SANDSTONE sandstone weakly cemented/friable
108									
110	8 5/5				rare clay fragments more abundant clay fragments				
112									
114	4.3/5				CaCO3 veinlets clay permeation	2.5y N3/0	very dk. gray	CL	114' CLAYSTONE
116									
118	9 5/5		Fine, undulating bedding		clay decreasing				
120						2.5y N5/0	gray	SS	119' silt 10% SANDSTONE INTERBED silty, fine-grained sandstone
122								CL	120.2 silt 10% CLAYSTONE - SILTY
									Total Depth 122'

BORE EP-74 WELL(S) _____ Inc.

Frontier Logging
Lakewood, Colorado

Date: Aug. 4, 1987

Company: ESE	Driller Depth: 122 FT	Mins Rotated Top:	
Bore Hole: EP-74	Bit Size: 3 7/8"	Standby:	
Area/Project: RMA	Casing Depth: 26 FT PVC	Time In: 0945	Time Out: 1045
County: ADAMS COUNTY	State: COLORADO	Fluid in Hole: water & native mud	Unit No.: 110
Section:	Township:	Range:	Elevation:
	Log Measured From: Ground Level	Drilling Measured From: Ground Level	Location: Lakewood

EQUIPMENT DATA

T.D Logged: 119 FT

Natural Gamma: 200 Scale - 20 CPS per inch

Time Constant: 2 Sec

Logging Speed: 15 F/Min

Cable Source No/Value: CPS

Probe No: 103-1041

Probe Diameter: 1 5/8"

Crystal Type Size: xtal 3/4 x 1 1/4"

K Factor: 1.60 x 10^{-5}

Count Time: 7 Minutes

Water Factor: 1.10 for use in 3 7/8"

Casing Factor: for use in

Resistance: 90 ohms/5" Ohms per 5 Inches

SP: 30 MV/Inch MV per Inch

NATURAL GAMMA SERIES (ANALOG) (initial log off scale)

Scale	Scale	Scale	Scale
= CPS/In	= CPS/In	= CPS/In	= CPS/In
T.C. Sec / Logging Speed F/Min	T.C. Sec / Logging Speed F/Min	T.C. Sec / Logging Speed F/Min	T.C. 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 Ft

Gamma (Analog) Ft	Density Source No
Gamma (Digital) Ft	Type / Strength
Caliper Ft	CPS/Inch
Temperature Ft	Ft
DIRECTIONAL DATA	Neutron Source No
Closure Ft	Type / Strength
Azimuth	CPS/Inch
True Vertical Ft / Survey Depth Ft	Ft

S.P. 30 MV/Inch

Azimuth

True Vertical ft | Survey Depth ft

NATURAL GAMMA 20 CPS (Initial Log)

S.P. -30 MV +

RESISTANCE 90 OHMS/ 5 Inches

0 20 40
COUNTS PER SECOND

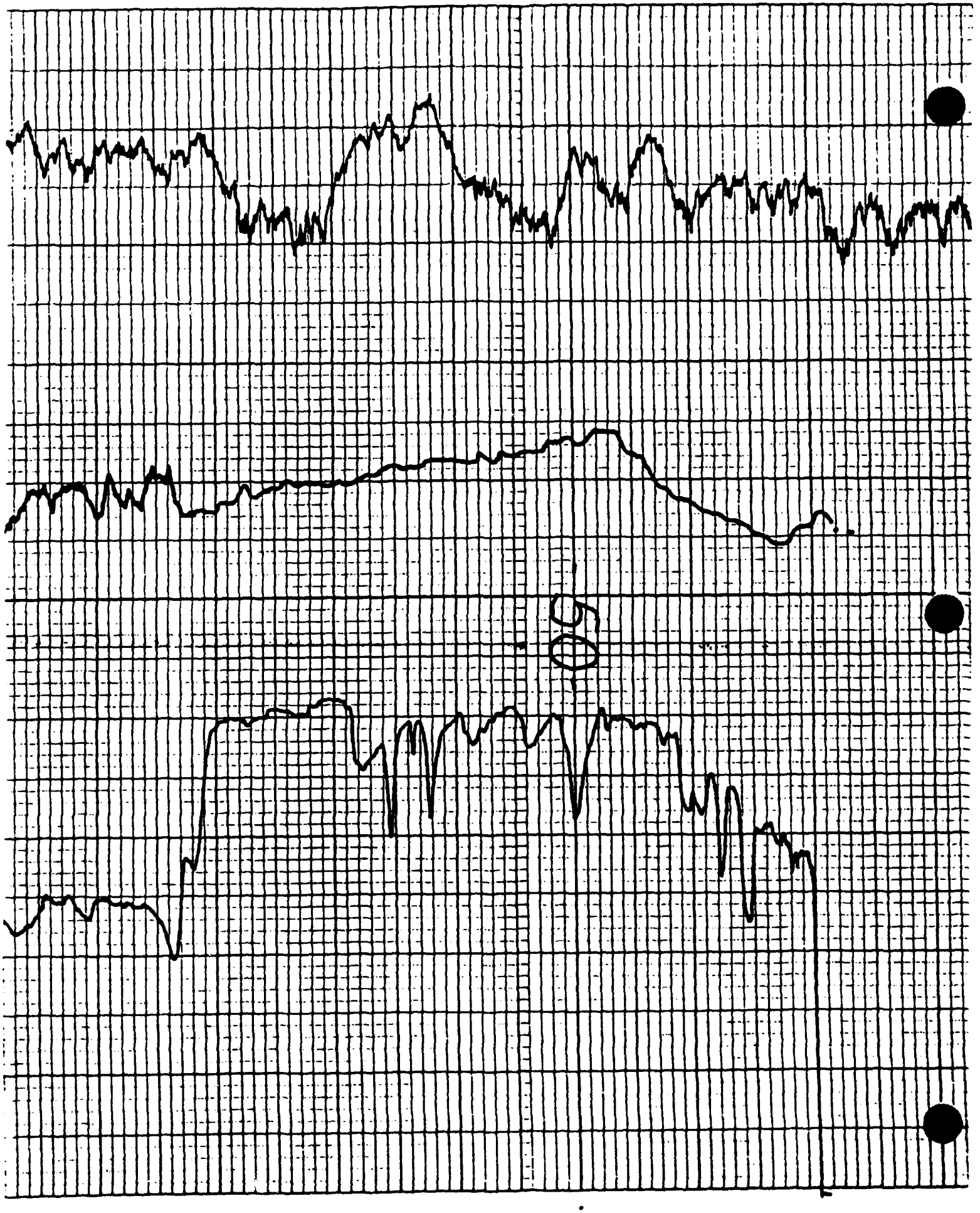
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FRONTIER LOGGING CORPORATION

No. GC 13142

FRONTIER LOGGING COR



FD 74
NATURAL
GAMMA
S.P.
RESISTANCE
30 MV/INCH
60 OHMS/6 INCHES
100
0
20
40
COUNTS PER SECOND
No. GC1342

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0936

WELL CONSTRUCTION SUMMARY

Borehole EP-75A Well 23223

Project Name and Location Task 36 SP 44 Section 23 Project Number 879370210

Drilling Company Eagles Bros Driller Don Irvine Rig Number IR

Drilling Method(s) Hollow stem auger 3¼" ID SP 7¼ SP O.D. Continuous samplings 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 Augs 12¼"

Size and Type PVC 4" Sch 40 0.20" slot

Total Borehole Depth	32.0' ft. ____ cm.	Sampling Method(s)	continuous hollow stem Augs
Depth to Bedrock	29.8' ft. ____ cm.	Date/Time Start Drilling	7/15/87 0726
Depth to Water	22.7 ft. ____ cm.	Date/Time Finish Drilling	7/16/87 1028
Water Level Determined By	sounding + sample	Date/Time Start Completion	7/17/87 0633
Length Plain PVC (total)	17.06 ~~19.88~~ ft. ____ cm.	Date/Time Cement Protective Casing	7/17/87 0915
Length of Screen	16.21 ft. ____ cm.	Materials Used	3 core boxes, 23' of 2" tubing
Total Length of Well Casing	33.27' ft. ____ cm.	Plain PVC	1-10', 2-5' section
PVC Stick Up	1.70 ft. ____ cm.	Slotted PVC	1-10', 1-5' section
Depth to Bottom of Screen	31.57 ft. ____ cm.	Bentonite Pellets	4½ buckets
Depth to Top of Screen	15.36 ft. ____ cm.	Bentonite Granular	1.5 S.P. .20 bag
Depth to Top of Sand	11.0' ft. ____ cm.	Cement	3 bags
Depth to Top of Bentonite	6.0 ft. ____ cm.	Sand	11 bags
		Water added during completion	0
		Water added during drilling	20 gal
		Total Gallons of water added	20 gal

Drill Site Geologist Steve Pavis Date 7/17/87

KLC

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ~~7/18/87 7/19/87~~ DW 7/28/87

Date/Time/Personnel Casing Painted 7/23/87 1100

Date/Time/Personnel Numbers Painted 7/23/87 1100

Materials Used 15 80# bags of concrete 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.		

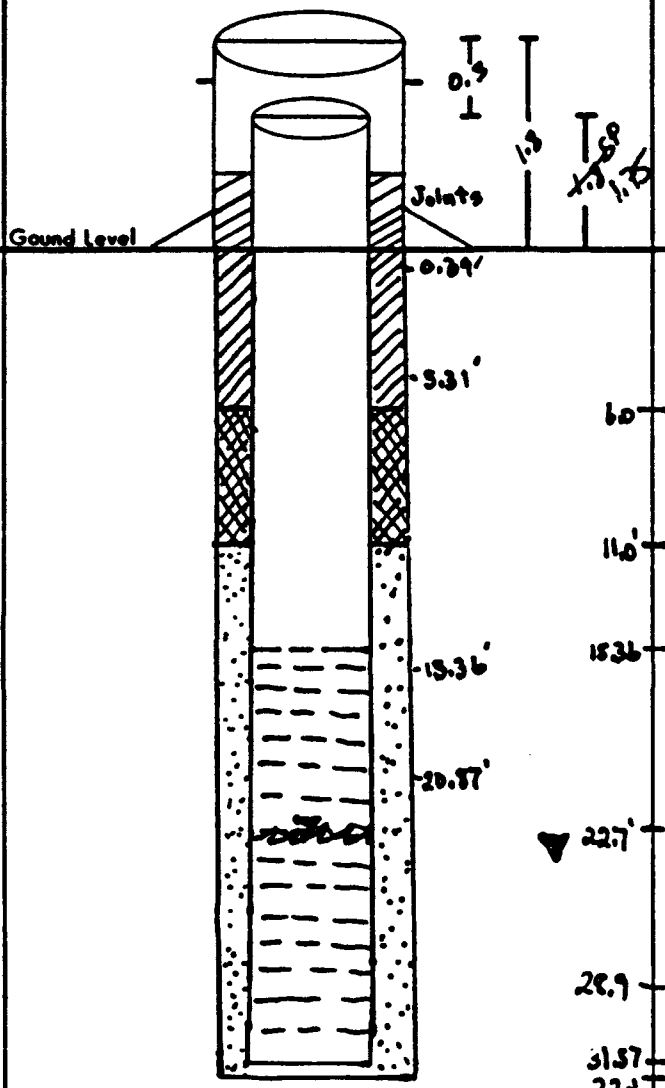
Reviewed By [signature] Date 3-5-88

Drill Site Geologist ~~Steve Pavis~~ [signature] Date 2/16/88

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7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-75A Well: 23223

Depth-Feet	Soil/Rock Type	Well Completion	Description



Cement
- 6.0'

6.0 — Top of bentonite
Bentonite seal 6.0'-11.0'

11.0' — Top of SAND
SAND pack interval 11.0'-32.0'

15.36 — Top of screen
Screen interval 15.36-31.57

▼ 22.7' — Static water level

28.9 — Top of Bedrock

31.57 — Bottom of screen
32.8 — TOTAL DEPTH

Drill Site Geologist: Steve Parks Date: 7/17/87
Reviewed By: C. V Date: 3-9-88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7888 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

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 12½" 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) 12½" blade
7⅞" Lit

Size and Type PVC 4" Sched 40

Total Borehole Depth 95.0 ft. ____ cm.

Depth to Bedrock 29.0 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By ____

Length Plain PVC (total) ~~Sand Screen~~ 76.05 ft. ____ cm.

Length of Screen 16.23 ft. ____ cm.

Total Length of Well Casing 96.34 ft. ____ cm.

PVC Stick Up 1.54 ft. ____ cm.

Depth to Bottom of Screen 94.80 ft. ____ cm.

Depth to Top of Screen 78.57 ft. ____ cm.

Depth to Top of Sand 77.2 ft. ____ cm.

Depth to Top of Bentonite 72.0 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 7/27/87 0915

Date/Time Finish Drilling 8/6/87 1445

Date/Time Start Completion 8/6/87 1445

Date/Time Cement Protective Casing 7/28/87 0850

Materials Used 97' of 8⅝" O.D. steel casing

Plain PVC 5-10' sections, 1 cut off section

Slotted PVC 1-5' section, 14 10' sections

Bentonite Pellets 1 2/3 buckets

Bentonite Granular 90 lbs

Cement 28 bags

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 Rose 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 8/20/87/0936/DLW, CMH

Materials Used 20 BAGS OF QUICKCRETE

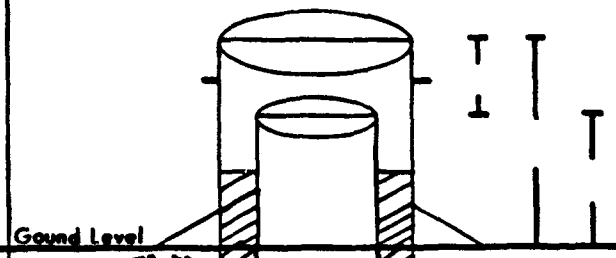
Top of Protective Casing to Top of PVC	0.50' ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.50' ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.60' ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	2.07' ft.	____ cm.	
Top of Protective Casing to Ground Level	2.27' ft.	____ cm.	

Reviewed By ____ Date ____

Drill Site Geologist ____ Date ____

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Borehole: FP-75D1 Well: 23224

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
		Ground Level	
		Joints	
		9.92'	
10		18.06'	
20		25.13'	27.83' Centralizer
30			29.0' Approx. bedrock 31.77' Bottom of 8¼" Steel casing
40		38.21'	
		48.36'	
50			58.14 Centralizer
60		58.44'	
70		68.51'	72.0 Top of bentonite 77.2' Top of sand pack
		78.57'	78.59' Top of Screen
80		89.13'	
90		93.9'	
95			94.8 Bottom of screen 95.0' Bottom of hole total depth

Drill Site Geologist: Steve Pace Date: 8/10/87

Reviewed By: _____ Date: _____

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole EP-75D2 Well 23225

Project Name and Location PMA Section 23 Project Number Task 44

Drilling Company Boyles Bros Driller Don Irving 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.

Depth to Bedrock 29.8 ft. ____ cm.

Depth to Water - ft. — cm.

Water Level Determined By —

Length Plain PVC (total) 109.14 ft. ____ cm.

Length of Screen 10.86 ft. ____ cm.

Total Length of Well Casing 120.0 ft. ____ cm.

PVC Stick Up 4.7 ft. ____ cm.

Depth to Bottom of Screen 115.29 ft. ____ cm.

Depth to Top of Screen 104.43 ft. ____ cm.

Depth to Top of Sand 101.3 ft. ____ cm.

Depth to Top of Bentonite 95.3 ft. ____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 7/29/87 0747

Date/Time Finish Drilling 8/5/87 1105

Date/Time Start Completion 8/5/87 1225

Date/Time Cement Protective Casing ____

Materials Used 32' of 12¼" steel casing, 98' of 6¼" steel casing

Plain PVC 10 - 10' / 1 cut off

Slotted PVC 1 - 10'

Bentonite Pellets 1 3/4 bucket

Bentonite Granular 3/4 bags

Cement 56 bags

Sand 2 4/5 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist Steve Pace

Date 8/10/87

MORTAR & WEEP HOLE 8-19-87/1100/DLW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD 9-18-87/1017/DLW & SMH

Date/Time/Personnel Casing Painted 9-16-87/1538/DLW

Date/Time/Personnel Numbers Painted 9-20-87/0936/DLW & SMH

Materials Used 20 BAGS QUICKRETE

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 Pace Date 2/16/88

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

Borehole: EP-75 D2 Well: 23225

Depth-Feet	Soil/Rock Type	Well Completion	Description
		0.2 2.3 2.3 5½" 12½" Joints Gound Level	
10		3.63' 13.06' 23.74'	15.0 Centralizer
20			29.0' Bedrock
30		33.32'	32.10 Bottom of 12¼" OD. steel casing
40			41.94 centralizer
50		43.38'	
60		54.01'	
70		64.07'	
80		74.16'	
90		89.26' 94.35'	94.05 Centralizer 95.3' Top of bentonite
100		101.2' Top of sand	97.53' Bottom of 8½" OD steel casing
110		109.42'	104.42 Top of Screen
120			112.28 Bottom of screen 117.0' Total drilled depth

Drill Site Geologist: Steven Pearce Date: 8/4/87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0638

BOREHOLE SUMMARY LOG

Borehole EB-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) 7 7/8" tricone, 11 1/2" auger

Borehole Diameter 11 1/2 in. — cm. 0 ft. — cm. to 31 ft. — cm.

7 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 89.9 ft. — cm.

Depth to Water 23 ft. — cm.

Water Level Determined By? engineers tape measure

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 7.29.87 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 — Date —

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

Borehole: EP-7SA 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 sand 10YR 8/4, very pale brown, moist, medium stiff, 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 grained Sand, 2.5Y 6/4, light yellowish brown moist medium dense, non plastic, ~~medium dense~~?
10'						

Drill Site Geologist: Steve Gage Date: 7/23/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: EP-75A 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'	0.9'/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 SP small 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 SP small gravels, 2.5Y 6/4, light yellowish brown, moist, non plastic, medium dense
16						
17	10 16.0'-17.0'	.95'/1.0'			GP	Poorly graded gravels, 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 sand, 5% small gravel, 2.5Y 6/4, light yellowish brown 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, SP 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 dense low plastic

Drill Site Geologist: Steve Parks Date: 7/23/87

Reviewed By: Joseph L. Ruch Date: 9/29/87

ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
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SHEET 5 OF 7

Borehole: EP-75A Well Number: 23223

Depth - Feet	Tube Number / Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	14 20.0'-22.0'	1.0'/1.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	SC	Clayey sand (see pg 2)
22	15 22.0'-23.0'	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
23	23.0'-24.0'	0.0'/2.0'				
24	16 24.0'-25.0'	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 25.0'-26.0'	1.0'/1.0'				
26	26.0'-27.0'	0.0'/2.0'				
27	18 27.0'-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: 9/23/87

Reviewed By: Joseph L. Reed Date: 9/29/87

EBE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7100 SOUTH ALTON WAY • SUITE N-1
ENGLEWOOD, COLORADO 80112 • 303/741-0630

Borehole: EP-75A Well Number: 23223

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
	20 30.0'-31.0'	0.9/2.0'	SAME AS tube Number	SAME AS tube Interval		Claystone Bedrock (see pg 3)
31	21 31.0'-32.0'	1.0/2.0'				
32						TOTAL DEPTH 32.0'

Drill Site Geologist: Steve Pagel Date: 7/23/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ESE, Inc. CORE LOG by G/L Date 7-29-87 BORE EP-75 Well(s) 23224,225 Page 1 of 5

Box no.	Depth	Rec. Int.	Weath. U	Weath. S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Hardness Hi	Perm 1° L	Perm 1° Hi	Perm 2° L	Perm 2° Hi	Mineralogy Min.	Mineralogy Habit	Color M	Color G	Texture/Grain Size clst sd gr mm .01 .1.0 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
																				BEDROCK BEGINS AT 28.9' — CASING SET TO 31'
	31					Th. BDG to LAM									10YR 7/3 light Gray				ST	SILTSTONE
	32												FeCl2 ~%					10-25 silt	SS	SANDSTONE INTERBED
		4.5/5.0											FeCl2 ~%		10YR 6/2 light Brownish gray				ST	
	34					MASSIVE												silt 20%	SS	SANDSTONE INTERBED
						Th BDG To LAM													CL	CLAYSTONE
	36																			OXIDATION BOUNDARY AT 36'
	38	0/5.0																		
	40																			
	42					MASSIVE									10YR 5/1 Gray			30% clay	SS	SANDSTONE INTERBED
																			CL	CLAYSTONE
	44	1.7/5.0																		
	46																			
	48	3.6/5.0													10YR 5/1 VERY DARK GRAY					
	50																			

ESE, Inc. BORE EP-75 WELL(S)

Reviewed By _____ Date _____

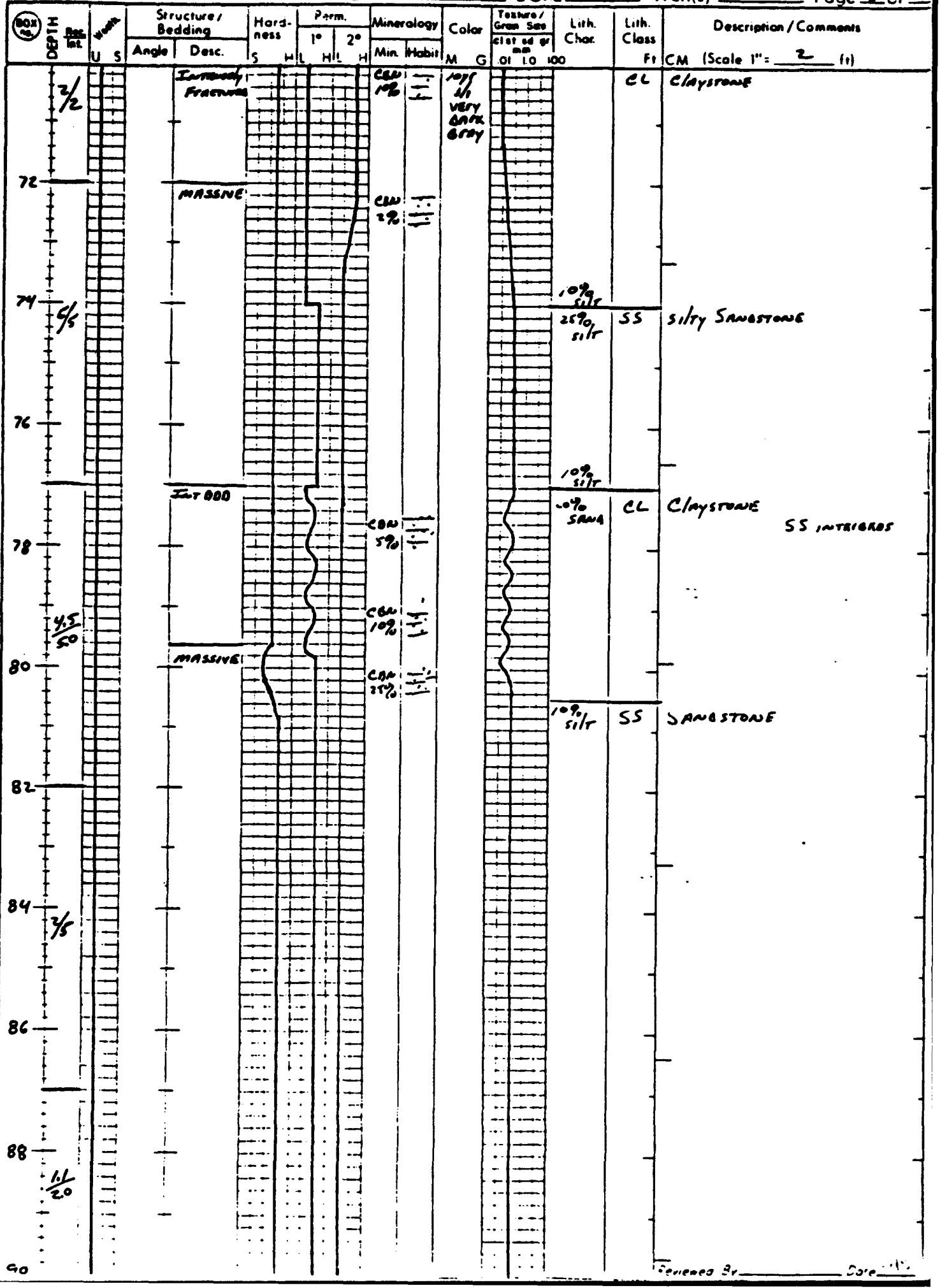
SE, Inc. CORE LOG By GWL Date 7/29/87 BORE EP-75 Well(s) EP-75 Page 2 of 5

Depth (ft)	Rec (ft)	Rec % U	Rec % S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Perm. 1° H/L	Perm. 2° H/L	Mineralogy Min.	Mineralogy Habit	Color M	Color G	Texture/Grain Size clst sd gr mm .01 1.0 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
52	5/5				MASSIVE				CBN 20%		10YR 3/1 very dark gray				CL	
54														10% clay	SS	Silty Sandstone
56									CBN 5%					5% silt	CL	Claystone
58	4.5/5								CBN 25%					GWL		
60									CBN 10%							
62	4.5/5.0								CBN 5%					15% silt		
64					MASSIVE Heavily Fractured									40% silt		
66														10% silt	SS	Silty Sandstone
68	4.0/4.0				INTBDD										CL	Claystone
					INTRAVAL FRACTURED MASSIVE				CBN 15%					15% clay	SS	Sandstone claystone interbeds
															CL	Claystone

SE, Inc. BORE EP-75 WELL(S)

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By GWC Date 7/29/87 BORE EP-75 Well(s) _____ Page 3 of 5



ESE, Inc. BORE EP-75 WELL(S)

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By BGL Date 7/29/97 CORE EP-75 Well(s) _____ Page 4 of 5

Depth	Rec. Int.	U	S	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness: S	Hardness: Hil	Perm. 1°: Hil	Perm. 2°: Hil	Mineralogy: Min.	Mineralogy: Habit	Color: M	Color: G	Texture/Grain Size: .01 1.0 100	Lith. Char.	Lith. Class	Description/Comments (CM) (Scale 1" = 2 ft)
92	1.3/5.0				MASSIVE							10YR 3/1	VERY DARK GRAY		10% SILT	SS	SANDSTONE
94	5/5																
96					INT BDD					CBN 5%					20% Clay	SS	SANDSTONE — CLAYSTONE INTERBEDS
98	4/4				MASSIVE INTENSELY FRACTURED					XLN Calc						CL	CLAYSTONE — CRYSTALLINE VEINS OF CALCITE 99'-101'
100												5YR 3/1	DARK OLIVE GRAY				
102					MASSIVE												
104	5/5																
106												10YR 3/1	VERY DARK GRAY		20% SILT	SS	SILTY SANDSTONE
108					INT BDD												
110					MASSIVE										10% SILT		

ESE, Inc. BORE EP-75 WELL(S)

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By GWL Date 7/29/87 BORE EP-7S Well(s) _____ Page 5 of 5

BORE EP-7S WELL(S)

Box no.	Depth	Rec. int.	Weath. U	Weath. 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	Texture/Grain Size .1	Texture/Grain Size 1.0	Texture/Grain Size 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	112	5/5				MASSIVE									.5YF 3/1	Dark Gray						SS	SANDSTONE
	114	5/5				INTERB							CAL 5%										Claystone interbeds
	116																						
	118	5/5				MASSIVE																CL	CLAYSTONE
	120																						
	122																						
						END OF BORING																	
	124																						
	126																						
	128																						

ESE, Inc.

Reviewed By _____ Date _____

Frontier Logging
Lakewood, Colorado

Date: JULY 27, 1987

Company: ESE

Borehole: EP-75

Area/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 | Mast Round Trip

Bit Size: 3 7/8" | Standby

Casing Depth: 31 Ft | Time In: 1135 | Time Out: 1205

Fluid in Hole: Water | Unit No.: 110

Density/Viscosity | pH | Operator: Wm. Linton

Location: Lakewood

EQUIPMENT DATA

TD Logged: 121 Ft

Natural Gamma: 200 Scale = 20 CPS per inch

Time Constant: 2 Sec | Logging Speed: 15 Ft/Min

Casing 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

Water Factor: 1.10 for hole size 3 7/8"

Casing Factor: for well No

Resistance: 50 ohms/5" Ohms per 5 Inches

SP: 10 MV/Inch MV per Inch

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

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

Gamma (Analog) Ft | Density Source No

Gamma (Digital) Ft | Type | Strength

Caliper Ft | CPS/inch

Temperature Ft

DIRECTIONAL DATA

Closure Ft

Azimuth

True Vertical Ft | Survey Depth Ft

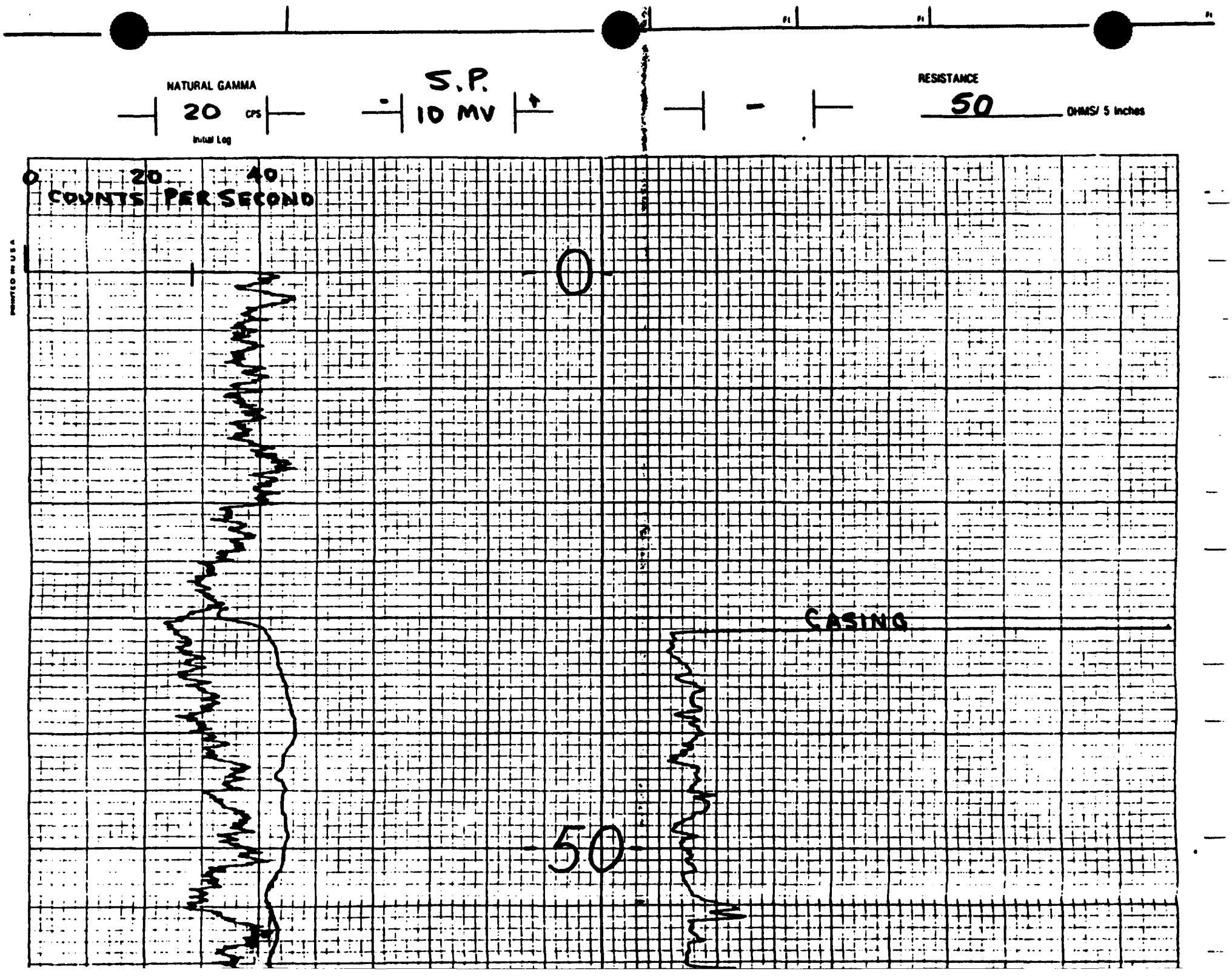
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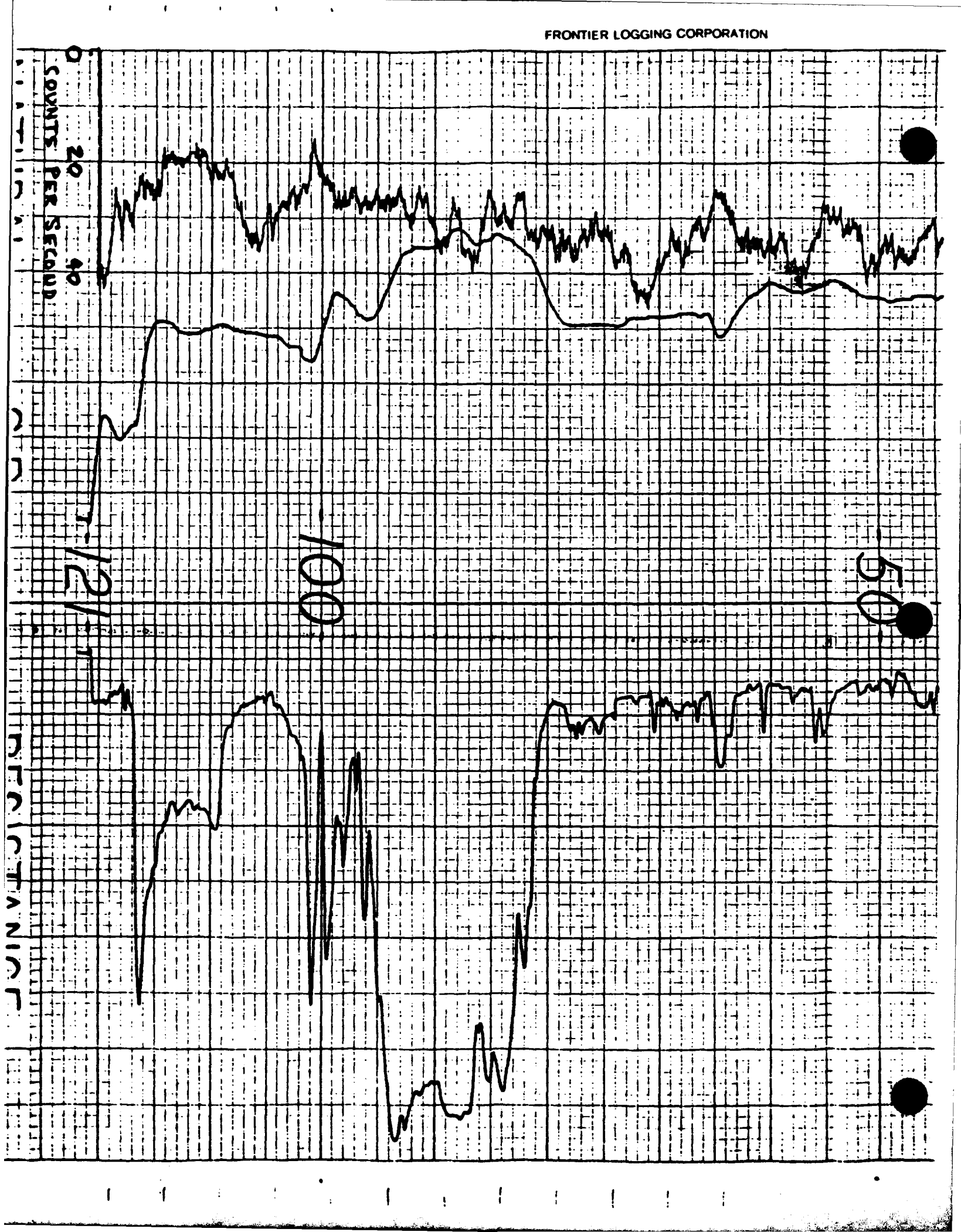
Type | Strength

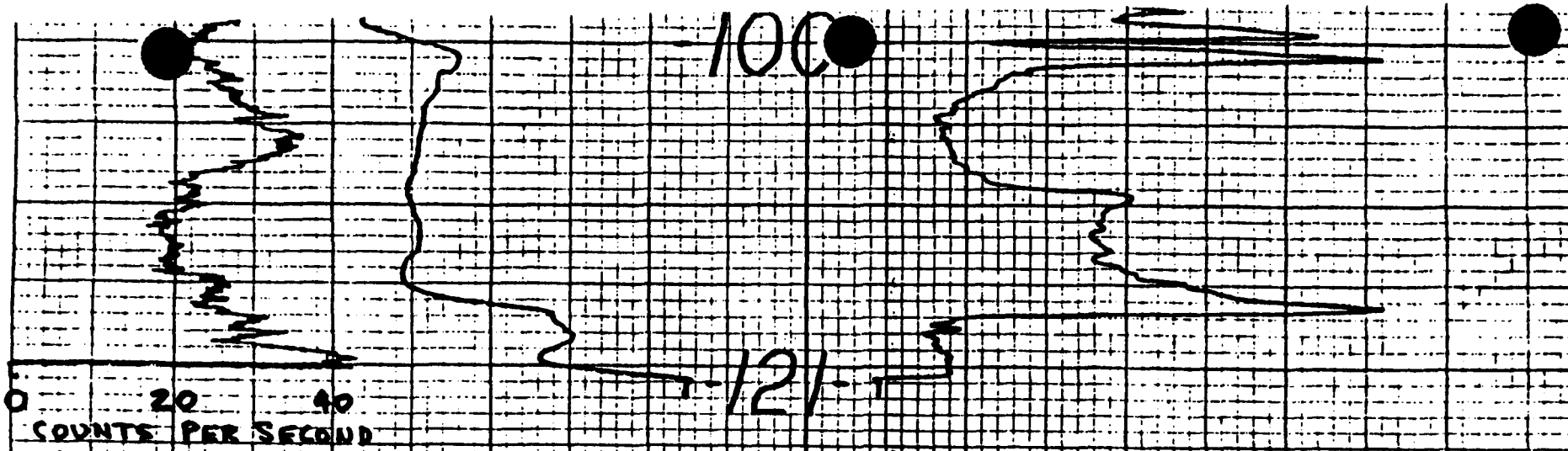
CPS/inch

NATURAL GAMMA — 20 CPS (Initial Log) — S.P. - 10 MV + — RESISTANCE 50 OHMS/ 5 inches

0 20 40


NATURAL GAMMA
20 CPS
Initial Log
S.P.
10 MV
RESISTANCE
50 OHMS/ 5 Inches
0 20 40
COUNTS PER SECOND
0
CASING
50


FRONTIER LOGGING CORPORATION
0
20
40
COUNTS PER SECOND
100
50
0



NATURAL GAMMA

S.P.
10 MV/INCH

RESISTANCE
50 OHMS/5 INCHES

EP-76

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY - SUITE H-1
ENGLEWOOD, COLORADO 80112 - 303/741-0830

SHEET 1 OF 2

Borehole: P.T.A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell colors
0.0			N/R		ML	ML Sandy silt, 30% v.f.g. sand, 10YR 5/4 dark yellowish brn, non-plas., loose, dry alluvium
1.0	2-0	1.6'		2-0		
2.0						
3.0	4-2	2.0'		4-2	SM	SM silty sand (f.g.) 30-40% silt, 10YR 5/8 yellowish brn, non-plas., loose dry alluvium
4.0						No Recovery Due to Auger loss
5.0	9-4	8.9'		9-4	ML	ML sandy silt 20% v.f.g. sand, with occassional coarse grained sand, 10YR 3/6 dark yellowish brown, non plas., medium stiff, slightly moist alluvium. (occasional calcium carbonate deposits)
6.0	7-9	0.4'		7-9		At 6.4' colors changes to 10YR 5/3 brown and calcium carbonate increases to 20%.
7.0	8-7	0.8'		8-7		
8.0	6-8	0'		6-8		No Recovery due to Auger loss
9.0	01-6	1.0'		01-6	SP	SP Sand (medium grained) with occasional coarse grained sand, 10YR 6/6 brownish yellow, non plas, medium dense, wet alluvium
10.0	11-01	0.6'		11-01		At 10.6' sand is coarse grained
11.0						

Drill Site Geologist: J WILKER Date: 10/23/87

Reviewed By: WDR Date: 10/27/87

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SHEET 2 OF 2

Borehole: EP-76A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell colors
12.0	21-11	0'	N/A	21-11		No Recovery Due to Auger loss
12.0	61-71	1.0'		61-71		At 12.0' color changes to 7.5YR 4/6 strong brown.
13.0						No Recovery Due to Auger loss
14.0	91-81	1.4'		91-81		At 15.2' color changes to 10YR 6/6 brownish yellow, sand grain size changes to medium-coarse grained
16.0	81-71	1.7'		81-71		
16.0	02-81	0.2'		02-81		No Recovery Due to Auger loss
20.0	13-02	0.8'		13-02		
21.0	22-12	0.8'		22-12		

End of boring Log

Drill Site Geologist: J. Wilkes Date: 10/23/07

Reviewed By: Date:

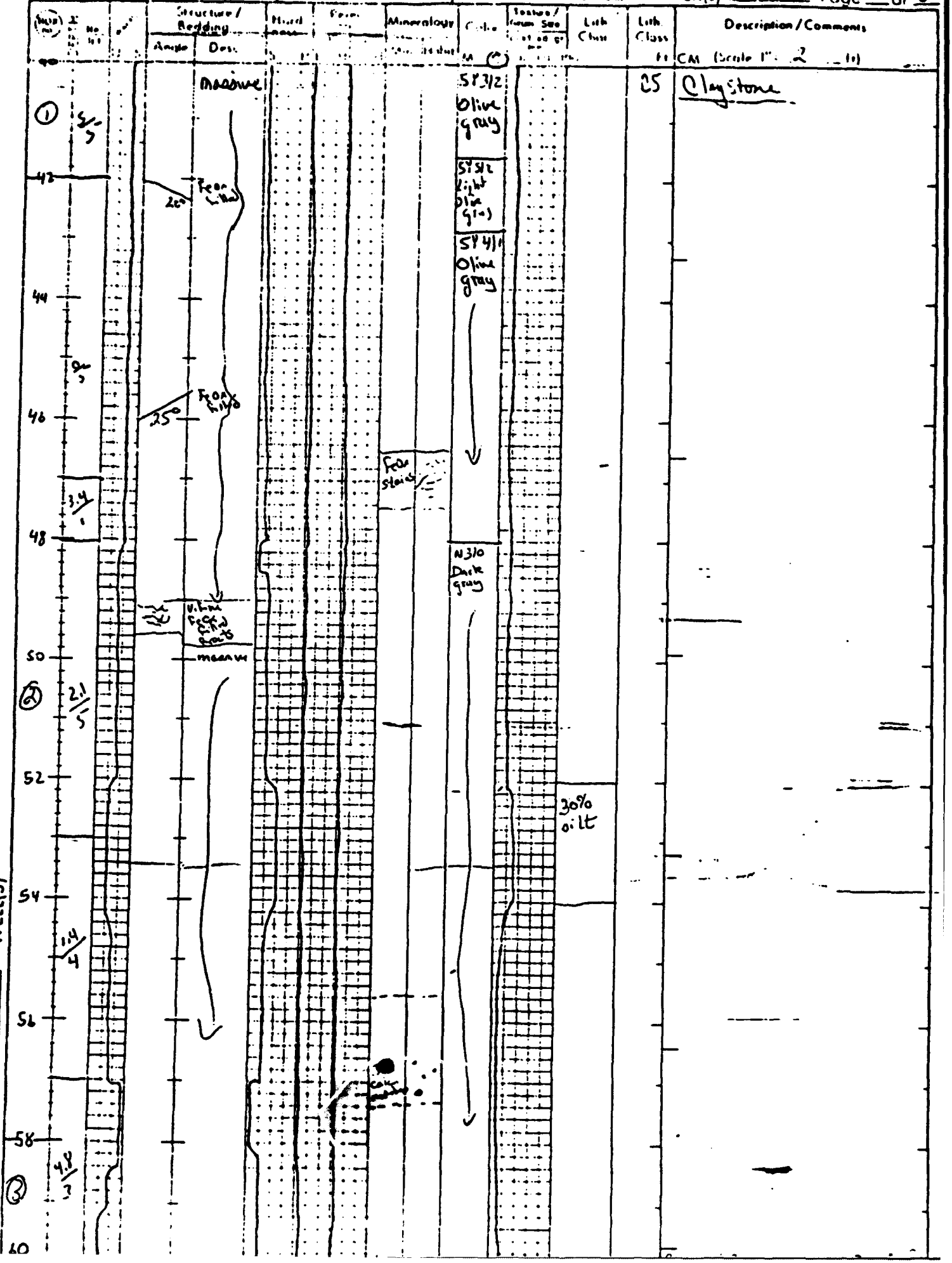
ESE, Inc CORE LOG By SP Date 11/5/87 BORE EP-26 Well(s) _____ Page 1 of 6

Structure/ Bedding	Mineralogy	Color (M)	Texture/ Grain Size	Lith. Chan	Lith Class	Description/Comments CM (Scale 1" = 2 ft)
						Bedrock at ± 22'
						Coring at ± 26'
						Begin coring at 26'
						28.5'
		10YR 6/6 Dk yellowish orange			Cg	Conglomerate Claystone clasts, Sand matrix, friable
		10YR 6/6 Dk yellowish orange			SS	Sandstone, med. to coarse grained
						29.4' Mod. well cemented but friable
massive		5Y 5/2 light olive gray			CS	Claystone
						33.3'
v. finely bedded		5Y 5/6 lt. olive brown	Felt stain		SS	Sandstone, fine grained, silty
						37.0'
Massive	3% organic	5Y 6/4 Dusky Yellow	Felt Stain	10-15% silt	CS	Claystone
		5Y 3/2 Olive Gray				39' Gradation boundary

BORE EP-26 WELL(S)

ESE, Inc.

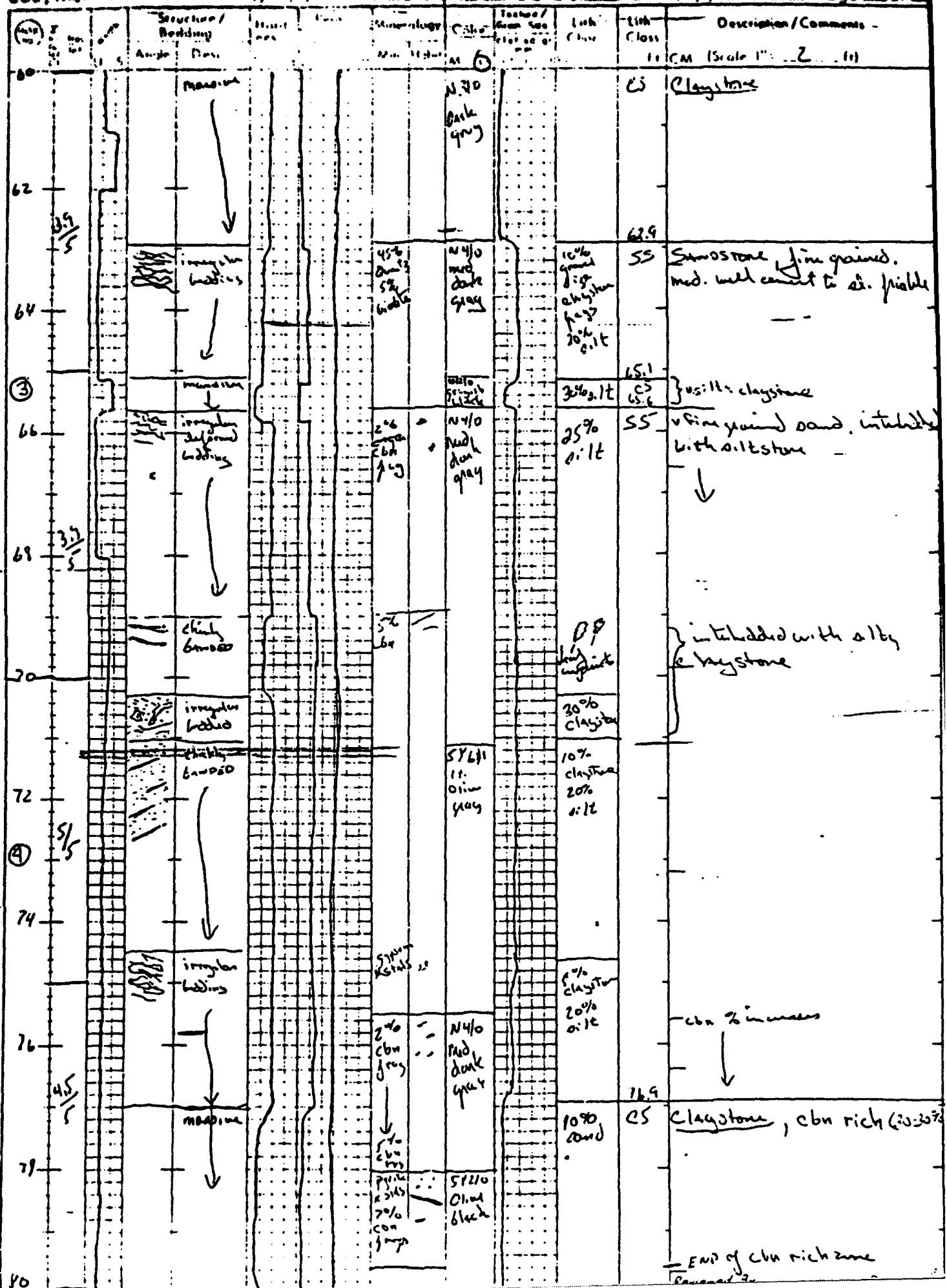
ESE, Inc. CORE LOG By SP Date 11/5/87 BORE EP-7b Well(s) _____ Page 2 of 6



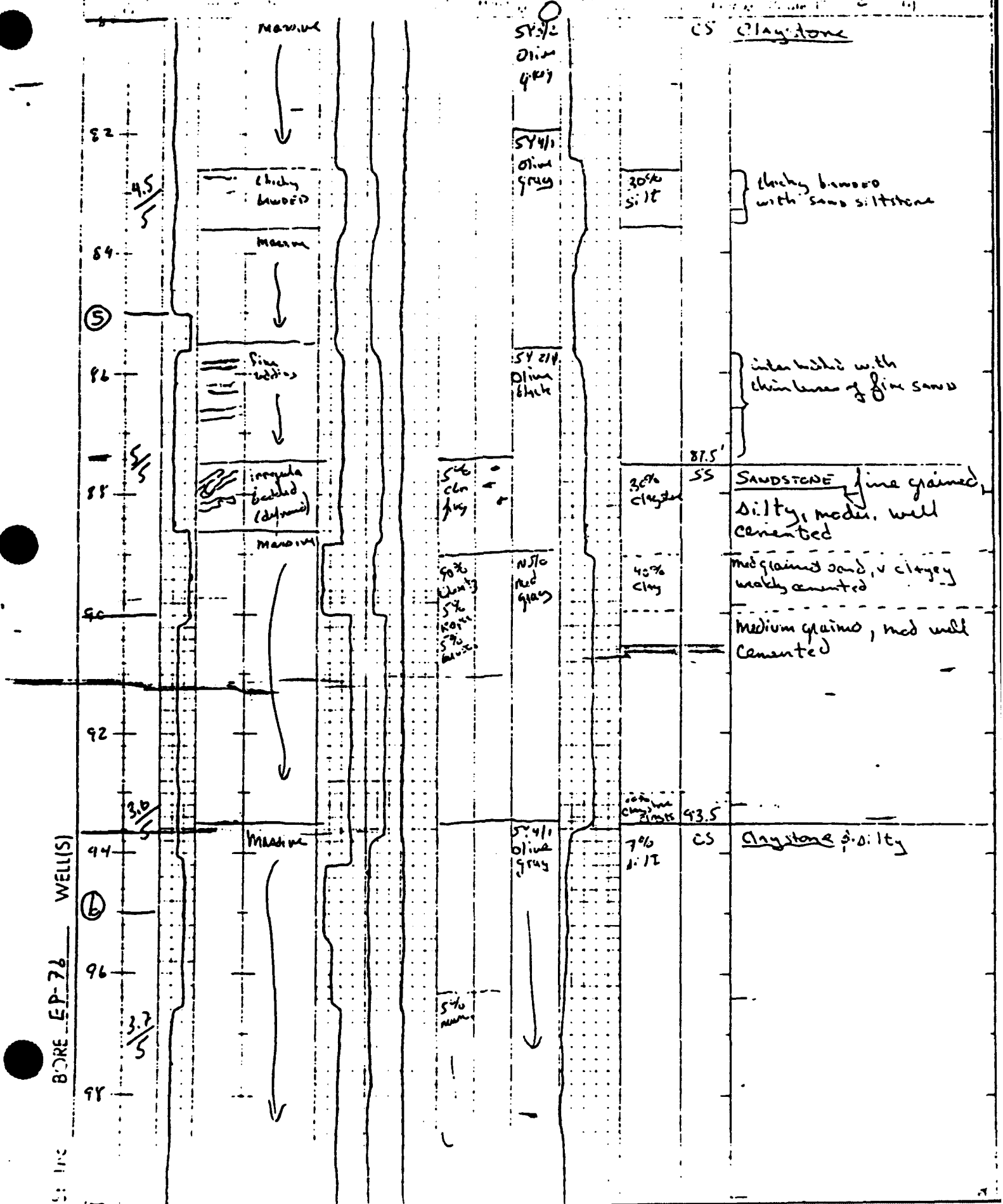
ESE, Inc. CORE LOG By: SP Date 11/6/82 BORE EP-76 Well(s) _____ Page 3 of 4

BORE EP-76 WELL(S)

ESE, Inc.



BORE EP-76 WELL(S)



SP 11/6/87 EP 76 Well(s)

Lith. Class | Description/Comments

CS Claystone, silty

5Y 4/1 Olive gray

102

6

2.4/2

SS Sandstone, v. sandy

104

3.4/5

20% sand

irregular bedding

10BY 4/2 Pale olive

106

N 3/0 Dark gray

20% clay & chlorite

SS Sandstone, med. grained, mod well cemented

Core lost from 107' to 112'

108

SP

JP

SP

0/5

110

7

112

112

Faint thin bedding

114

Massive

20% quartz granules 5% pebbles

9.1/5

N 5/0 Med gray

cemented

cemented

116

v. well cemented Sandstone

Faint thin bedding

5/5

N 3/0 Dark gray

BORE WELL(S)

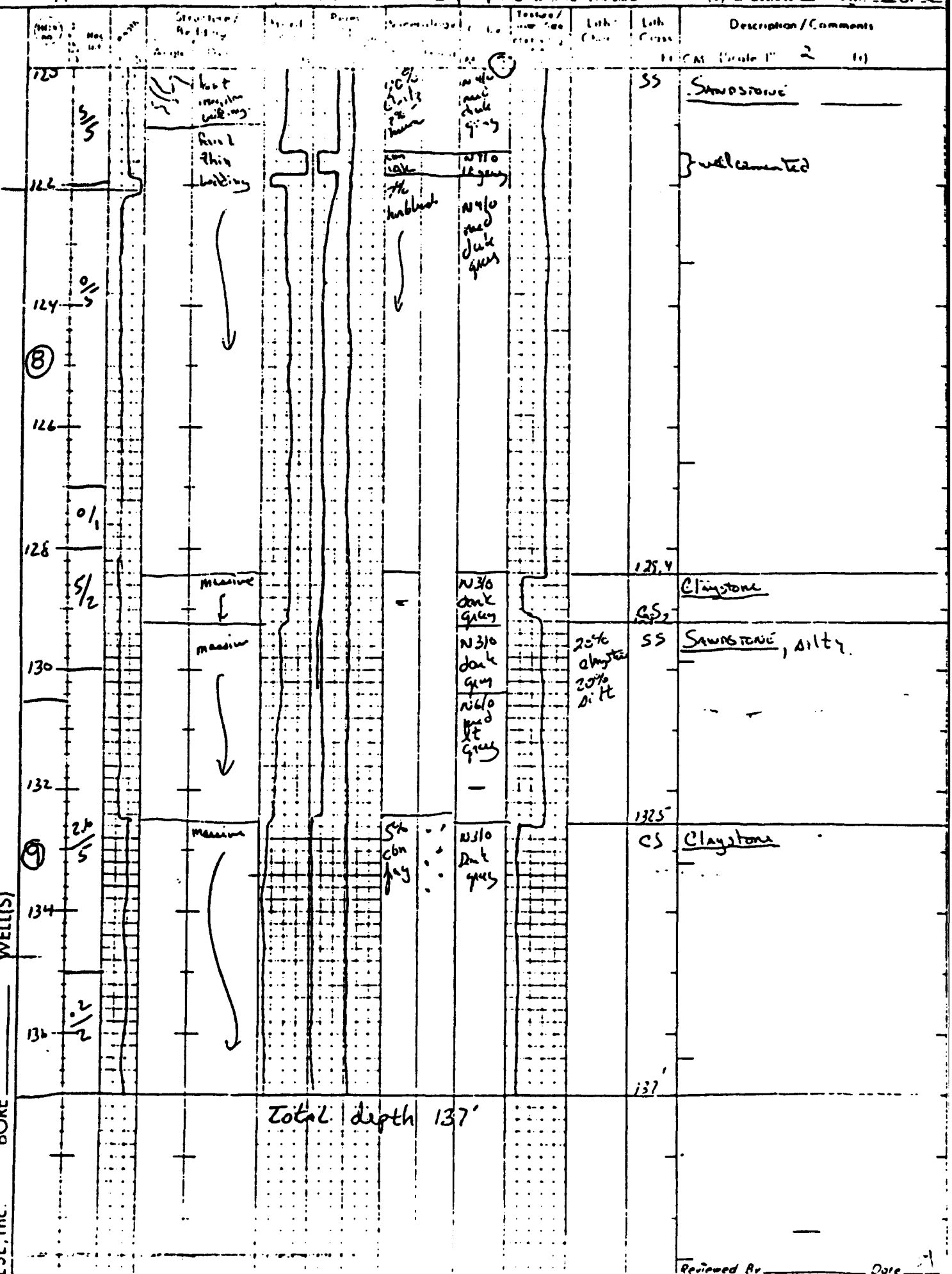
ESE, Inc

8

120

Reviewed By

ESE, Inc CORE LOG By SP Date 11/6/87 BORE EP-76 Well(s) _____ Page 6 of 6



Frontier Logging
Lakewood, Colorado

Date OCT 29, 1987

Company: ESE	Driller Depth: 137 FT	Meas Rig Up:	
Well: EP-76	Bit Size: 3 7/8"	Standby:	
Field: RMA	Casing Driller: 25 FT	Time In: 0830	Time Out: 1020
County: ADAMS COUNTY	State: COLORADO	Fluid in Hole: Native mud	Unit No.: 110
Section:	Township:	Range:	Elevation:
		Density/ Viscosity:	Rm:
	Log Measured From: Ground Level	Drilling Measured From: Ground Level	Operator: Wm. Linton
			Location: Lakewood

EQUIPMENT DATA

TD Logged: 137 Ft	
Natural Gamma: 200 Scale - 20 CPS per inch	
Time Constant: 2	Logging Speed: 15 ft/min
Probe No: 103-1421	Probe Diameter: 1 5/8"
Detector Type, Size: xtal 3/4 x 1"	
Voltage: 2.38 x 10^{-5}	Dead Time: 7 Microsec
Mud Factor: 1.10	Casing Size: 3 7/8"
Casing Factor:	Casing Wt. Lbs/Ft:
Resistance: 40 Ω + 60 Ω Ohms per 5 inches	
SP: 10 MV/Inch MV per inch	

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

Scale = CPS/in	Scale = CPS/in	Scale = CPS/in	Scale = CPS/in
TC: Sec / Logging Speed: ft/min	TC: Sec / Logging Speed: ft/min	TC: Sec / Logging Speed: ft/min	TC: Sec / Logging Speed: ft/min
From: ft To: ft	From: ft To: ft	From: ft To: ft	From: ft To: ft
Total: ft	Total: ft	Total: ft	Total: ft

Poor S.P. response from borehole - noise overriding millivolt signal from formation change - heavy mud

Gamma (Analog): 11 ft	Density Source No
Gamma (Digital): ft	Type / Strength
Caliper: 1 ft	CPS/inch
Temperature: ft	
DIRECTIONAL DATA	Neutron Source No
Closure: ft	Type / Strength
Azimuth	CPS/inch
True Vertical: ft / Survey Depth: ft	

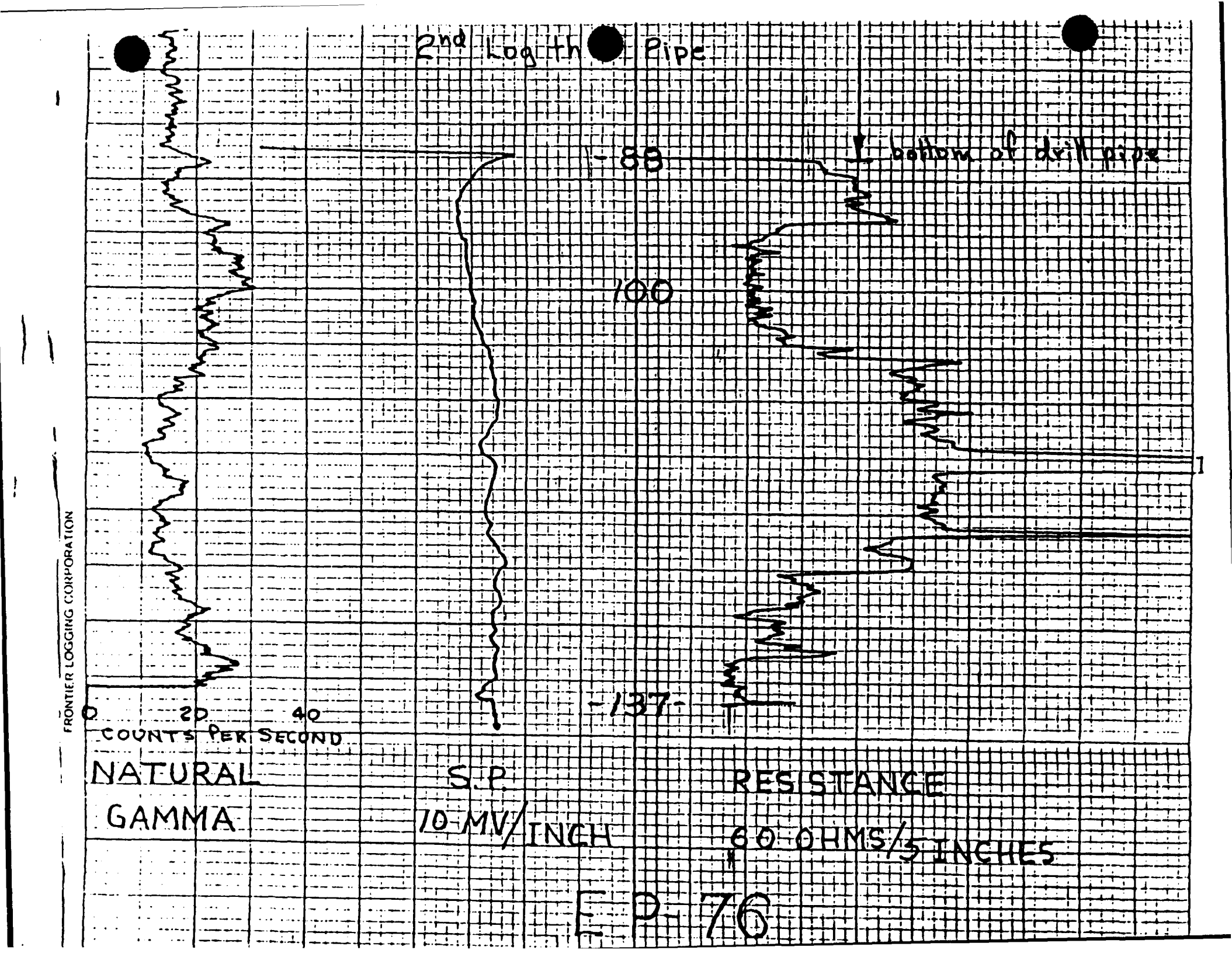
NATURAL GAMMA — 20 CPS (Initial Log)

RESISTANCE — 40 OHMS/ 5 inches

20 ... 40

Water Level
IN
40
0
20
40
COUNTS/SECOND
0
5
10

0
20
40
COUNTS PER SECOND
NATURAL GAMMA
VOID
S.P.
-107-
RESISTANCE
40 OHMS/3 INCHES
(1st Log) Operations in Hole
107 FT


2nd Log th Pipe
-88
bottom of drill pipe
100
-137-
0
20
40
COUNTS PER SECOND
NATURAL
GAMMA
S.P.
10 MV/INCH
RESISTANCE
60 OHMS/5 INCHES
E-P-76
FRONTIER LOGGING CORPORATION

SE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-38A Well E-38A 37379

Project Name and Location Offpost- Drilling 1/4 mile NE of [illegible] Project Number [illegible]

Drilling Company Boyles Bros Driller Jarvis Rig Number

Drilling Method(s) Auger

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 5 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s)

Sampling Method(s) Split Spoon Continuous

Date/Time Start Drilling 1045

Size and Type PVC 4"

Date/Time Finish Drilling 1320

Total Borehole Depth	26.5'	ft.	cm.	Date/Time Start Completion	1445
Depth to Bedrock	26'	ft.	cm.	Date/Time Cement Protective Casing	1620
Depth to Water	10'	ft.	cm.	Materials Used	7-4' TUBES 3 BOXES
Water Level Determined By	Samples			Plain PVC	1-10' 1-5' for 11.37'
Length Plain PVC (total)	~~11.37~~ CUT 11.37	ft.	cm.	Slotted PVC	1-10' 1-5' for 16.23
Length of Screen	16.23	ft.	cm.	Bentonite Pellets	3½ Buckets
Total Length of Well Casing	27.6	ft.	cm.	Bentonite Granular	0
PVC Stick Up	2.7'	ft.	cm.	Cement	3 BAGS
Depth to Bottom of Screen	24.9	ft.	cm.	Sand	11½ BAGS
Depth to Top of Screen	8.7	ft.	cm.	Water added during completion	0 (5 Gals to Swab Well)
Depth to Top of Sand	7.8	ft.	cm.	Water added during drilling	0
Depth to Top of Bentonite	4.8	ft.	cm.	Total Gallons of water added	0 5 JR

Drill Site Geologist Bob Gripp, Greg Lewis Date 3/2/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 1320 RJB

Date/Time/Personnel Casing Painted JWF BAL 4/15/87 0915

Date/Time/Personnel Numbers Painted JWF BAL 4/15/87 0915

Materials Used 14 Bgs Quick-Crete ½ Bg Cement ½ Bg Sand 1 Roll Duct Tape

				COMMENT/NOTES
Top of Protective Casing to Top of PVC	.3	ft.	cm.	
Top of Protective Casing to Weep Hole	2.5	ft.	cm.	
Top of Protective Casing to Internal Mortar	2.3	ft.	cm.	
Top of Protective Casing to Top of Cement Pad	2.9	ft.	cm.	
Top of Protective Casing to Ground Level	3.0	ft.	cm.	

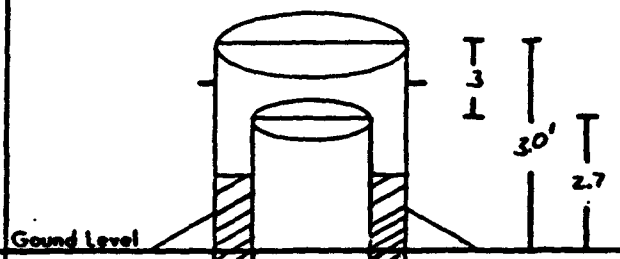
Reviewed By Joseph L. Rud Date 4/20/87

Drill Site Geologist Greg Lewis Date 3/2/87

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ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-38A

Well: JR E-38A 3/3/87

Depth-feet	Soil/Rock Type	Well Completion	Description
			
4			4.8 Top of Bentonite
8			7.7 Top of Sand 8.7 Top of Screen
10			10' Water level
24			24.9 Bottom of screen 25.8 Bottom of Hole

Drill Site Geologist: Greg Litus Date: 3/2/87

Reviewed By: Joseph L. Ruot Date: 4/20/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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WELL CONSTRUCTION SUMMARY

Borehole E-38 D1 Well ~~E-30 DT~~ JR 37379

Project Name and Location MW Installation Project Number 13053074.10

Drilling Company Boyles Driller Rusch Rig Number

Drilling Method(s) continuous rotary drilling

Borehole Diameter ~~8~~ 12¼ in. ____ cm. ~~100~~ 30 ft. ____ cm. to 30 ft. ____ cm.
~~4"~~ 8 in. ____ cm. 30 ft. ____ cm. to 56.5 ft. ____ cm.

Size(s) and types of Bit(s) 12.14" blade bit

Size and Type PVC 4", schedule 40

Total Borehole Depth	56.5 ft. ____ cm.	Sampling Method(s)	no sampling
Depth to Bedrock	27 ft. ____ cm.	Date/Time Start Drilling	3.13.87 0837
Depth to Water	unknown ft. ____ cm.	Date/Time Finish Drilling	3.13.87 1056
Water Level Determined By		Date/Time Start Completion	3.13.87 1100
Length Plain PVC (total)	~~41.96~~ ft. 41.96 cm.	Date/Time Cement Protective Casing	3.13.87 1401
Length of Screen	14.24 ft. ____ cm.	Materials Used	
Total Length of Well Casing	53.96 ft. ____ cm.	Plain PVC	1x5' 4x10'
PVC Stick Up	2.7 ft. ____ cm.	Slotted PVC	1x10' 1x5'
Depth to Bottom of Screen	55.5 ft. ____ cm.	Bentonite Pellets	1½ buckets
Depth to Top of Screen	39.26 ft. ____ cm.	Bentonite Granular	1 bag
Depth to Top of Sand	37.8 ft. ____ cm.	Cement	7 bags
Depth to Top of Bentonite	33.4 ft. ____ cm.	Sand	2½ bags
		Water added during completion	500 gal. pumped th
		Water added during drilling	440 gals
		Total Gallons of water added	940 gals. This water was all pumped back out of the hole

Drill Site Geologist C Bowser Date 3.16.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 11:00 PDB

Date/Time/Personnel Casing Painted JJF BAB 4/15/87 0907

Date/Time/Personnel Numbers Painted JJF BAB 4/15/87 0907

Materials Used 14 Bgs Quick-crete 1 Bg Cement 1 Bg Sand 1 Roll Foam Edging

Top of Protective Casing to Top of PVC	.1 ft. ____ cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	1.48 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.43 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.94 ft. ____ cm.		
Top of Protective Casing to Ground Level	2.8 ft. ____ cm.		

Reviewed By Joseph L. Reed Date 4/20/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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Borehole: E-38D1 Well: ~~E-38D1~~ 37379

Depth-Feet	Soil/Rock Type	Well Completion	Description
		0.1 ft, 2.8 ft, 2.7 ft; Ground Level	
5		9.07 joint	GROUT
10			
15		19.05 joint	
20			
25		29.19 joint	TOP OF BENTONITE SEAL 33.4'
30			TOP OF SANDPACK 37.8'
35			TOP OF SCREEN 39.26'
40			
45			
50			Bottom of Screen 55.5'
55			Total depth 56.5'
60			

Drill Site Geologist: C Benson Date: 3·16·87

Reviewed By: Joseph L Reed Date: 4/20/87

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

WELL CONSTRUCTION SUMMARY

Borehole E39D2 Well 37380

Project Name and Location Hwy. 2 MW Installation Project Number 17053074.10

Drilling Company Boyles Driller B Roach Rig Number Failing 25

Drilling Method(s) Rotary - drilled with water

Borehole Diameter 17 1/2 in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.
11 3/4 in. ____ cm. 30 ft. ____ cm. to 55 ft. ____ cm.
9 3/10 " 55 ft. to 75 ft.

Size(s) and types of Bit(s) 17 1/2" tricone, 11 3/4" blade bit, 9 5/8" blade

Size and Type PVC 4" schedule 40

Total Borehole Depth	75 ft. ____ cm.	Sampling Method(s)	NA
Depth to Bedrock	27 ft. ____ cm.	Date/Time Start Drilling	3.23.87 1006
Depth to Water	NA ft. ____ cm.	Date/Time Finish Drilling	3.23.87 1115
Water Level Determined By	NA	Date/Time Start Completion	3.23.87 1130
Length Plain PVC (total)	66.29 ft. ____ cm.	Date/Time Cement Protective Casing	3.23.87 1540
Length of Screen	10.71 ft. ____ cm.	Materials Used	
Total Length of Well Casing	76.71 ft. ____ cm.	Plain PVC	7 x 10'
PVC Stick Up	1.7 ft. ____ cm.	Slotted PVC	1 x 10'
Depth to Bottom of Screen	75 ft. ____ cm.	Bentonite Pellets	1 bucket
Depth to Top of Screen	64.29 ft. ____ cm.	Bentonite Granular	2/3 bag
Depth to Top of Sand	59 ft. ____ cm.	Cement	8 bags
Depth to Top of Bentonite	54 ft. ____ cm.	Sand	4 bags
		Water added during completion	0 EDB
		Water added during drilling	1200
		Total Gallons of water added	1200

Water pumped back out into ≈ 28 barrels

Drill Site Geologist C Benson Date 3.23.87

(Cement Pad = mortar)

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/7/87/1100/K. Pacheco, M. Westcott

Date/Time/Personnel Casing Painted 4/8/87/1900/K. Pacheco, M. Westcott

Date/Time/Personnel Numbers Painted 4/15/87 0928 Fur BAG

Materials Used 8 bags quickcrete, 1/2 bag portland cement, 1 1/2 bag silica sand

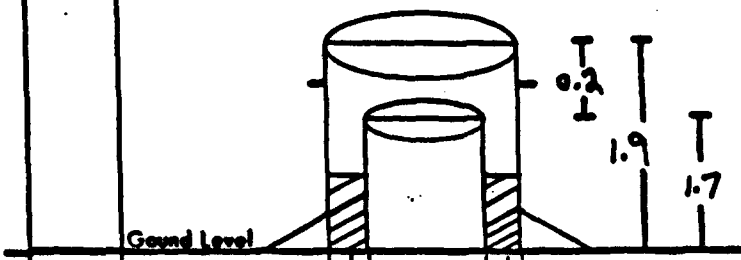
			COMMENT/NOTES
Top of Protective Casing to Top of PVC	.2 ft. ____ cm.		
Top of Protective Casing to Weep Hole	1.1 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.69 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.4 ft. ____ cm.		
Top of Protective Casing to Ground Level	1.9 ft. ____ cm.		

Reviewed By Joseph L. Reed Date 4/20/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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ENGLEWOOD, COLORADO 80112 • 303/741-0636

Borehole: E38D2 Well: 37380

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5		3.8 joint	
10			
15		13.86 joint	
20			GROUT
25		23.89 joint	
30			12" casing to 30'
35		33.96 joint	Centralizer 30'
40			
45		44.07 joint	
50			Centralizer 52'
55		54.17 joint	TOP OF BENTONITE SEAL 54'
60			8" casing to 55'
65			TOP OF SANDPACK 59'
70			TOP OF SCREEN 64.29'
75			Total depth 75'

Drill Site Geologist: [signature] Date: 3.23.87

Reviewed By: [signature] Date: 3/20/87

Borehole: E-38A Well Number: 37374

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description — Munsell Colors
0.0	1 - 0	1'	N1	0 - 1'	ML	ML Sandy-silt, 10% v.f.gr. sand, 10YR, 3/2-3 v. dk. grysh. brn., non-plas., loose, moist, alluvium
1.0	1-2'	1'		1-2'		At 1.6', color changes to 10YR, 5/2-3, grysh brn., moisture decreases to slightly moist.
1.6						
2.0	2-3'	1'		2-3'		At 2.0' color changes to 10YR, 5/4-6, grysh brn., prentage of v.f.gr sand increases to ~25%.
3.0	3-4'	1'		3-4'		
4.0	4-6'	2'		4-6'		
5.0						At 5.0', percent v.f.gr. sand increases to ≈ 40-45%, color changes to 10YR, 5/3, brn, moisture increases to moist.
6.0						
7.0	6 - 8'	1.25		6-8'	SM	SM silty-sand, 25% silt, 10YR, 5/3, brn., non-plas., loose, wet, alluvium.
8.0						
9.0	8-10'	1.5'		8-10'		▽ Moisture change to saturated, W.T. @ 10.0'
10.0	10-12'	1'		10-12'		

Drill Site Geologist: A.E. Odell Date: 3/3/87

Reviewed By: Joseph L. Reed Date: 4/16/87

SE ENVIRONMENTAL SERVICES, INC.
7392 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0626

Borehole: E-36A Well Number: 37374

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description — Munsell Colors
11.0	10-12'	1'	NA	10-12'	SM	
12.0						At 12.0, percent silt increases to ~40%.
13.0	12-14'	2'		12-14'		
14.0					ML	ML = sandy-silt, 10-15% v. f. gr. sand, 10YR, 6/3-4, pale brn., non-plas, mod. dense, wet, alluvium
16.0	14-16'	2'		14-16'		
16.5					SM	
17.0	16-18'	1.75'		16-18'		SM = ~~Sandy~~ silty v.f. sand, 15-20% c. gr. sand to 20% silt, 10YR, 5/4-6, grad brn, non-plas, loose, wet, alluvium
18.0						
19.0	18-20'	2'		18-20'		
20.0						
21.0	20-22.5'	2'		20-22.5'		
22.0	22.5-23	0.75		22.5-23		

Drill Site Geologist: S.E. Dutcher Date: 3/3/87

Reviewed By: Joseph L. Reid Date: 4/16/87

ESE

Borehole: E-38A Well Number: 37374

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22.0	21.5 - 23'	1.75	NA	21.5-23'	SM	
23.0	23-25'	2'		23-25'		
24.0						
25.0	25-26.5'	1.5'		25-26.5'	CL	CL = silty-clay, 30% silt, 10YR 6/6-8 brn-yellow, slightly plas, soft, moist, bulk.
26.5						END OF BORING-LOG
27.0						

Drill Site Geologist: A.E. Smith Date: 3/3/87

Reviewed By: Joseph L. Reed Date: 3/3R 4/16/87

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

BOREHOLE SUMMARY LOG

Borehole E-38 Well NA

Project Name and Location MW Installation Project Number 17053 074 40

Drilling Company Boyles Driller Jarvis Rig Number ~~Frontier 25~~ Ajax Failing 25

Drilling Method(s) auger to 30', rotary to 130

Size(s) and type(s) of bit(s) 12¼, 7⅞ rock bit

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.

7⅞ in. ____ cm. 30 ft. ____ cm. to 130 ft. ____ cm.

Sampling Methods Continuous core.

Total Number Soil Sampling Tubes —

Total Number Core Boxes 14

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 3·6·87 0738

Date/Time Completed Drilling 3·10·87 1418

Total Borehold Depth 130 ft. ____ cm.

Depth to Bedrock 25.8 ft. ____ cm.

Depth to Water ~10 ft. ____ cm.

Water Level Determined By? DR760A water level indicator

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 3·10·87 1700

Depth of Tremmie Pipe 130'

Gallons of Grout 90

Materials Used 9 bags cement, 1 bag bentonite, 90 gals. water

Comments grouted to surface

Wellsite Geologist C Benson Date 3·23·87

Checked for Grout Settlement on ____ by ____

Amount of Grout Added ____

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 4/13/87

Drill Site Geologist ____ Date ____

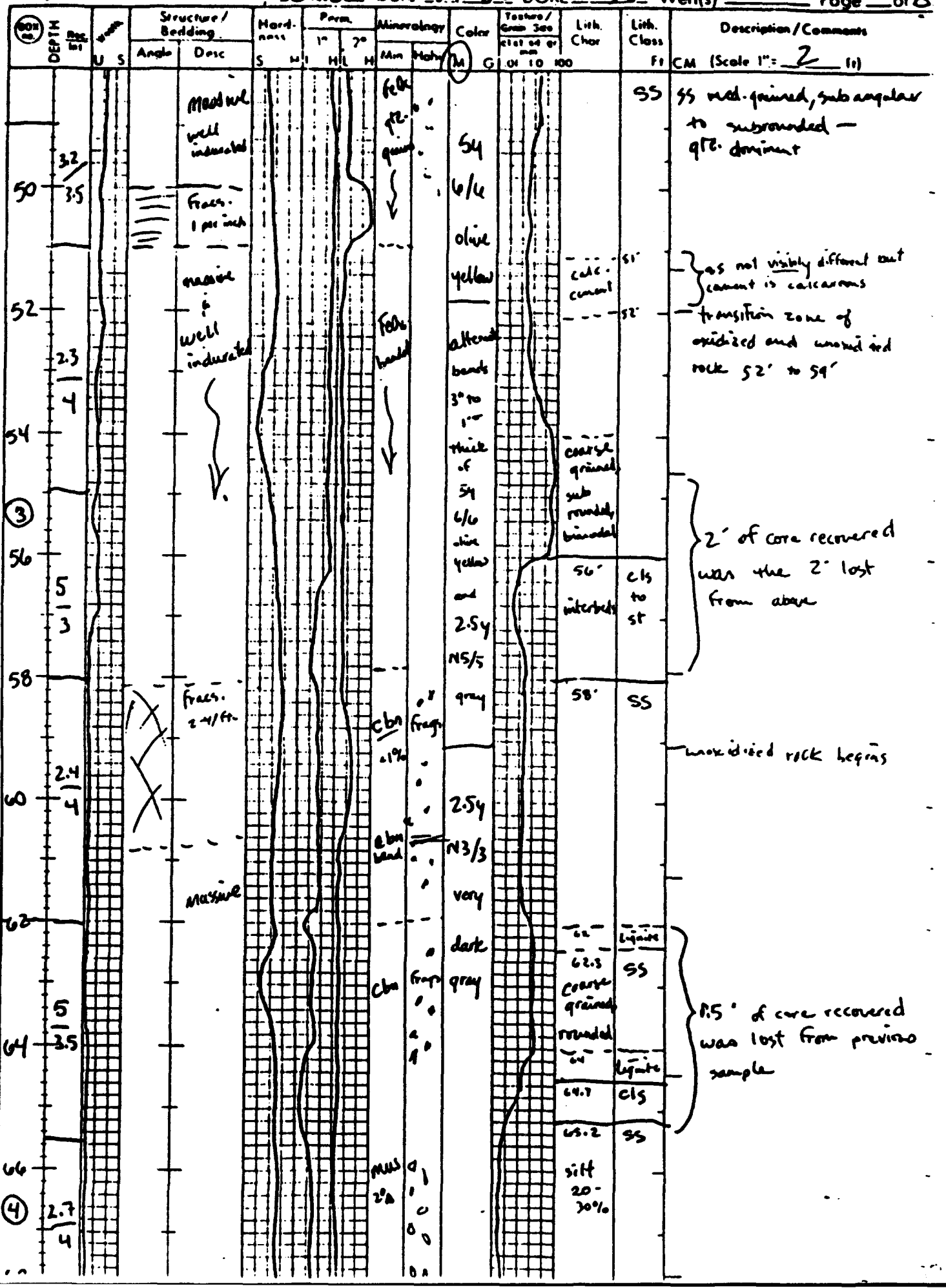
ESE, Inc. CORE LOG By C.O.B Date 3.11.87 BORE E-38 Well(s) 3737A,B Page 1 of 6

Depth (ft)	Rec (ft)	Core Run	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness	Porosity 1°	Porosity 2°	Mineralogy: Min	Mineralogy: Matrix	Color (M)	Color (G)	Texture/Grain Size	Lith. Char.	Lith. Class	Description/Comments
30				CEMENT											Cement - alluvium logged on soils log
				massive						5Y				cls	claystone
32	2.3/4			Fracs. 2-4/ft.				lim & hem	frac. coat	5/6 olive					lim & hem concentrated as fracture coatings
34															
36	4/4														
38								nests <1%							
40	4/4									5Y 4/2 olive gray			occas. carbonaceous (<1%) mottled		silt to 15%
42													40.5 85% 40% silt and fine sand	ds/st	43' 1/2" rounded pebble of calcite/dolomite visible in core
44										5Y 6/6 olive yellow					
46	4.7/5														rock type change is transitional
48													47.5		

BORE E-38 WELL(S)

ESE, Inc.

E3E, Inc. COPE LOG By CDB Date 3.11.87 BORE E-38 Well(s) _____ Page 2 of 6



ESE, Inc. CORE LOG By CDB Date 3.11.87 BORE E-38 Well(s) _____ Page 3 of 6

Run No.	Depth	Rec. Int.	Rec.	U	S	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness: S	Hardness: H	Perm. 1": H	Perm. 1": L	Perm. 7": H	Mineralogy: Min	Mineralogy: Mabin	Color: M	Color: G	Fracture/Grain Size: clay/silt	Fracture/Grain Size: sand	Fracture/Grain Size: gravel	Lith. Char.	Lith. Class	Description/Comments (CM) (Scale 1": 2')
	70												clay-banded & mottled		2.5Y N3/3 very dark gray				fine grained silty (5%)	SS	
		2.7	4				massive						BANDS <1%									
	72																			73 silt to 10%	CLS	.8' recovered was from previous sample
	74	3.8	3																			
	76																			76.5		
5							friable to slightly fractured								2.5Y N2/0 black						Lignite	
	78	4/4					friable to slightly fractured						clay							78.4	CLS	carbon mottled throughout
															2.5Y N3/3 very dark gray					79 fine grained, sub angular	SS	
	80																			80.5	CLS	
	82	4	4				massive						BANDS <1% clay							82'	occas. sandy/silty interbeds 1"-2" thick w/ carbonaceous	
	84												clay banded							84'	CLS	
6		.9	1.5																			
	86														2.5Y N0.1							

BORE E-38 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By CDB Date 3-11-87 BORE E-38 Well(s) _____ Page 4 of 6

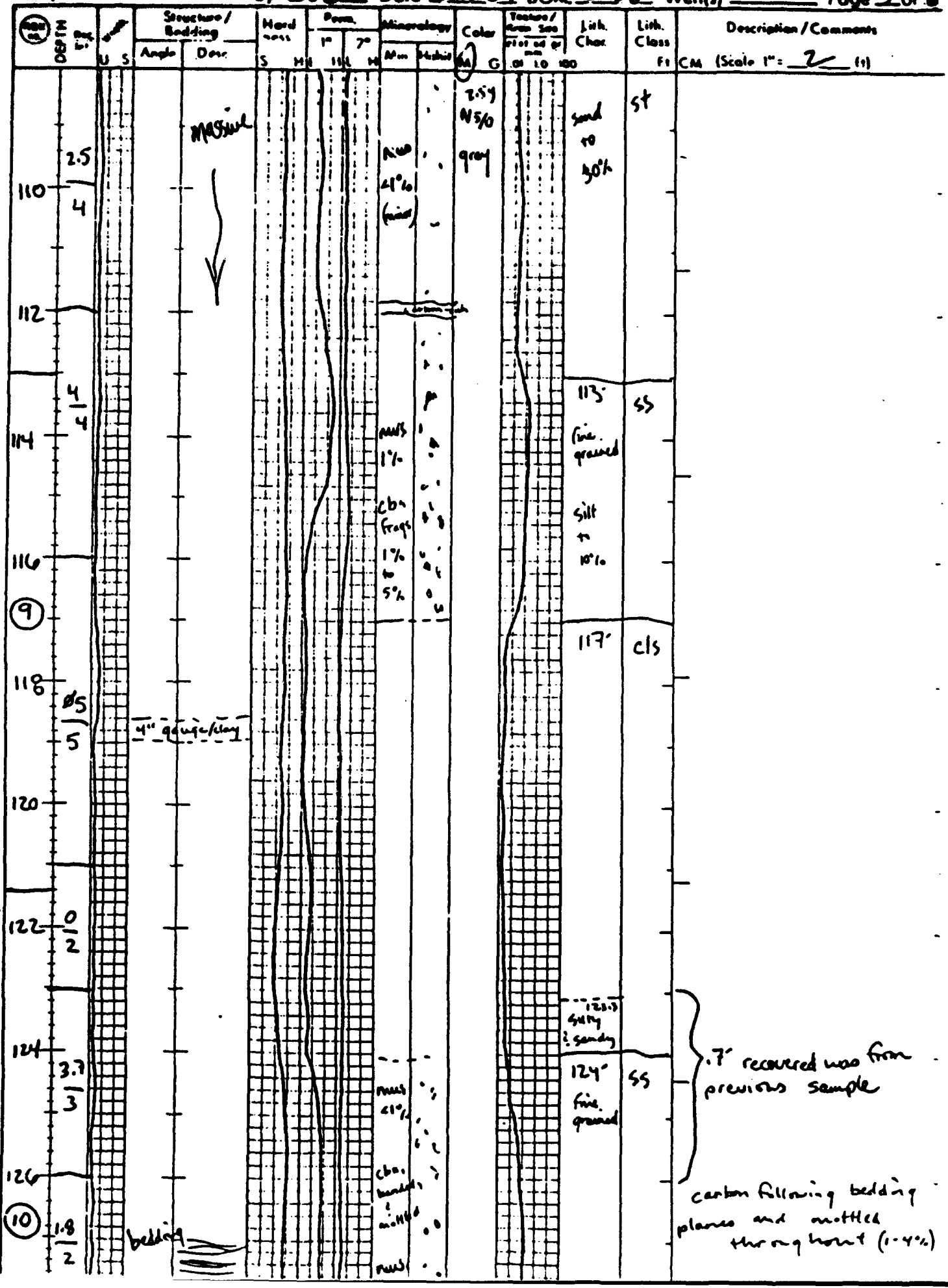
Run #	DEPTH	Rec. Int.	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness	Form 1°	Form 2°	Mineralogy: Min	Mineralogy: Habit	Color (M)	Color (G)	Texture/Grain Size	Lith. Char	Lith. Class	Description/Comments (CM) (Scale 1" = 2 ft)
	90	0 1/4		massive						2.5y N2/0	black			cks	
		2 1/2		friable to heavily fractured											1' recovered was from previous sample
	92	0 1/4		massive						2.5y N3/3	very dark gray				
	94	4 1/1													3' recovered was from previous sample
7	96														
	98	5 1/5													
	100														
	102	5 1/5		massive but weak indurate (only slightly less)				Iron precipitate		2.5y N2/0	black				
	104									2.5y N5/0	gray				
8	106	2 2/2													

WELL(S) _____ BORE E-38

ESE, Inc.

Reviewed By _____ Date _____

ESE, Inc. CORE LOG By CDB Date 3-11-87 BORE E-38 Well(s) _____ Page 5 of 6



ESE, Inc. CORE LOG By CDB Date 3.11.87 BORE E-39 Well(s) _____ Page 6 of 6

Box #	Depth	Box 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	Texture/Grain Size (.01 1.0 100)	Lith. Char	Lith. Class	Description/Comments (CM (Scale 1" = 2 ft))
10	120	1.8		massive							Chert 70%		2.5Y N5/0 gray		silt 2%, fine sand	SS	very carbon-rich
	130	2															130' END OF HOLE

ESE, Inc. BORE E-38 WELL(S)

Frontier Logging

Lakewood, Colorado

Date: Mar. 10, 1987

Company: ESE	Driller Depth: 130 Ft	Miles Round Trip:	
Bore Hole: E-38	Bit Size: 3 7/8"	Standby:	
Area/Project: RMA	Casing Driller: 30 feet	Time In: 1445	Time Out: 1525
County: Adams County	State: Colorado	Fluid in Hole: water	Unit No.: 110
Section:	Township:	Range:	Elevation:
		Density/ Viscosity:	pH:
	Log Measured From: Ground Level	Drilling Measured From:	Operator: W. Linton
			Location: Lakewood

EQUIPMENT DATA

T.D. Logged: 129 Feet

Natural Gamma: 200 Scale = 20 CPS per Inch

Time Constant: 2 Sec

Logging Speed: 15 Ft/Min

Calibr. Source No/Value: CPS

Probe No: 103-1041

Probe Diameter: 1 5/8"

Detector Type Size: xtal 3/4 x 1 3/4"

K Factor: 1.60 x 10⁻⁵

Dead Time: 7 Microsec

Water Factor: 1.10 for hole size 3 7/8"

Casing Factor: for casing size

Resistance: 50 ohms/5" Ohms per 5 Inches

S.P.: 15 MV/Inch MV per Inch

NATURAL GAMMA RERUNS (ANALOG)

(Initial log off scale)

Scale	T.C.	Logging Speed	From	To	Total
= CPS/in	Sec	Ft/Min	Ft	Ft	Ft
= CPS/in	Sec	Ft/Min	Ft	Ft	Ft
= CPS/in	Sec	Ft/Min	Ft	Ft	Ft
= CPS/in	Sec	Ft/Min	Ft	Ft	Ft

Gamma (Analog): Ft

Gamma (Digital): Ft

Caliper: Ft

Temperature: Ft

DIRECTIONAL DATA

Closure: Ft

Azimuth:

True Vertical: Survey Depth:

Density Source No:

Type: S

CPS/Inch:

Neutron Source No:

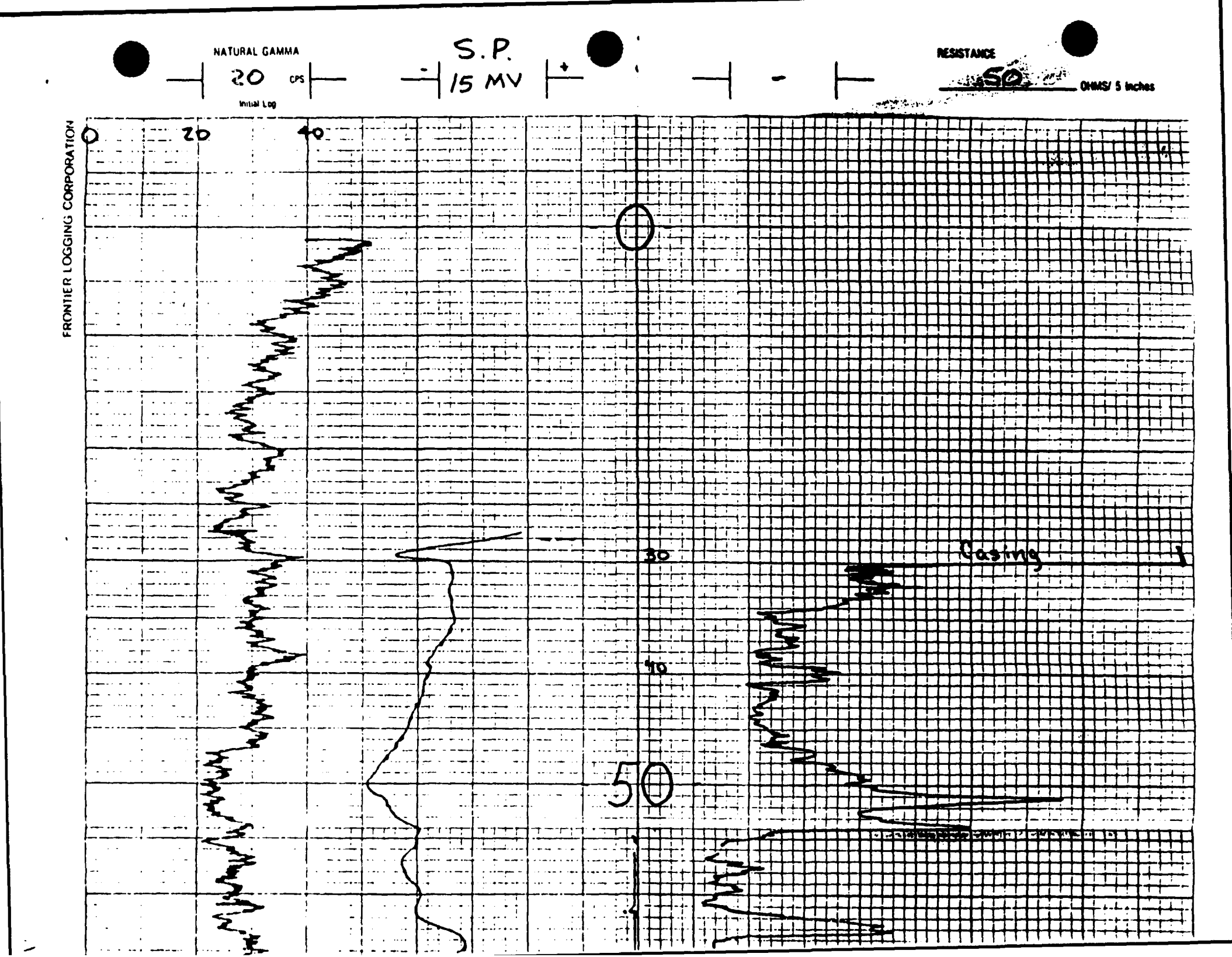
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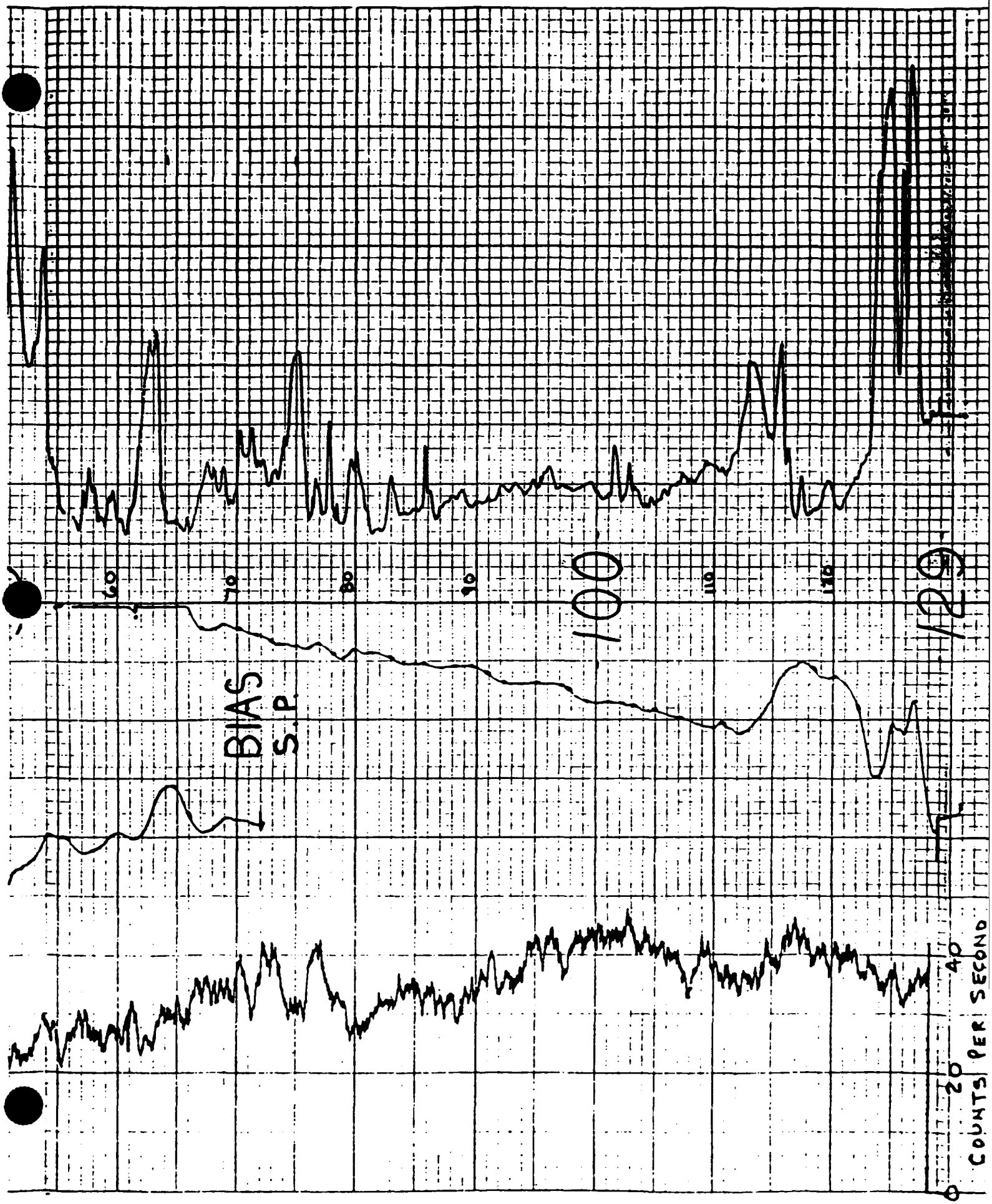
CPS/Inch:

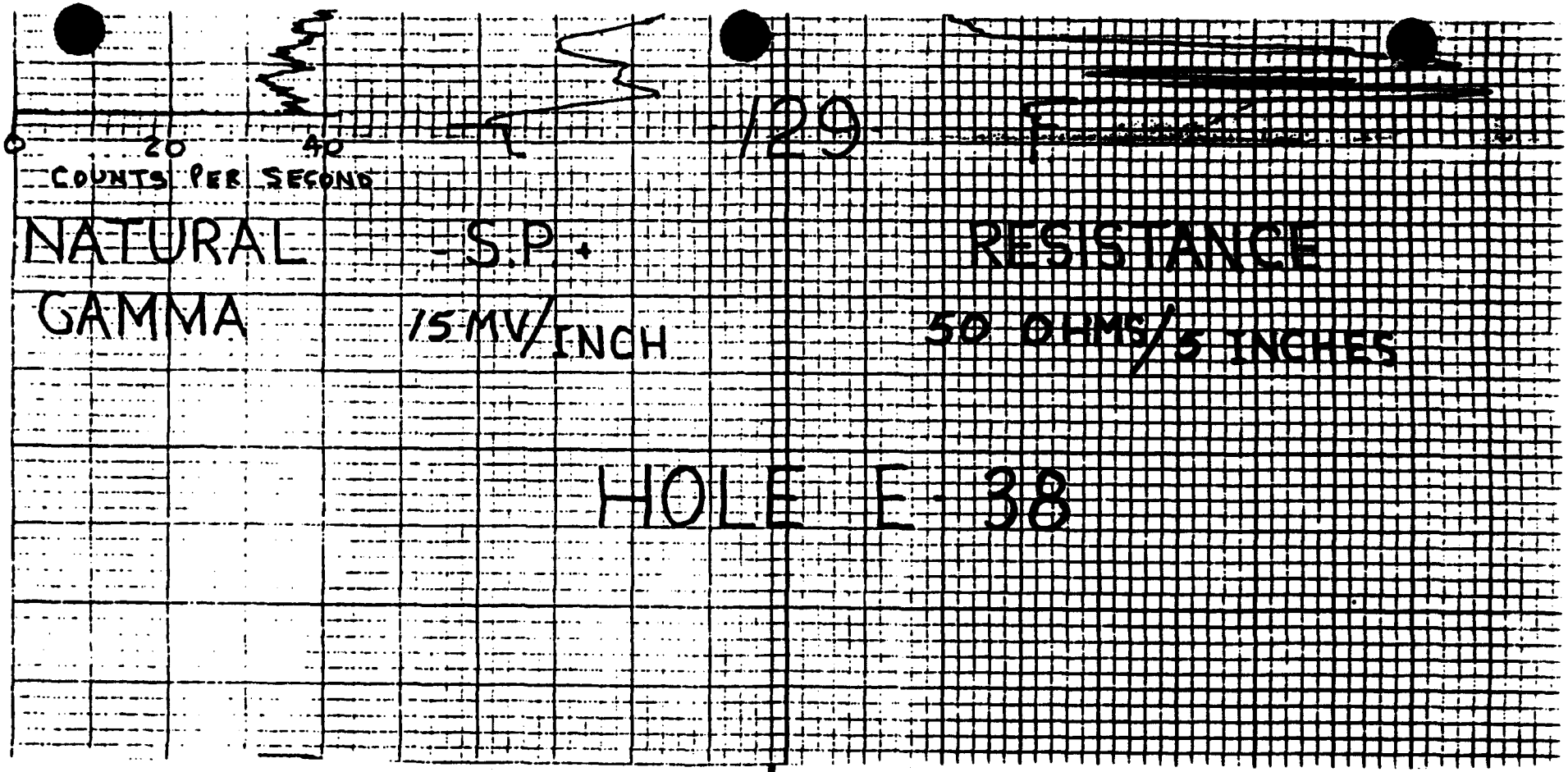
NATURAL GAMMA — 20 CPS — Initial Log

S.P. — 15 MV

RESISTANCE — OHMS/ 5 Inches


NATURAL GAMMA
20 CPS
Initial Log
S.P.
15 MV
RESISTANCE
50
OHMS/ 5 inches
FRONTIER LOGGING CORPORATION
0
20
40
0
30
50
Casing


BIAS
S.P.
100
120
70
80
90
110
40
20
0
COUNTS PER SECOND


0
20
40
COUNTS PER SECOND
NATURAL
GAMMA
-S.P.+
15 MV/INCH
129
RESISTANCE
50 OHMS/5 INCHES
HOLE E-38

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.

SHEET ___ OF ___

Borehole: E39.1 Well Number: Dry Hole

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Color
0	0 - 2'	2'	NA	0 - 2'	ML	ML sandy-silt, ~20-30% f.-f. gr. sand, 10 YR, 4/3-4, dk. yerk. brn., non-plas., loose, moist, alluvium
1.5	2 - 4'	1.2'		2 - 4'		At 1.5' color changes to 10 YR, 6/3-4, pale brn., natural density increases to mod. dense, moisture decreases to dry.
5.0	4 - 6'	2'		4 - 6'	SM	SM silty-sand, ~30-40% silt, 10 YR 5/4-6, yerk. brn., non-plas, loose, moist alluvium
6.5	6 - 7'	0.9'		6 - 7'		At 6.5' percent silt decreases to ~20%, color changes to 10 YR, 6/6-8, brnish. yellow.
8.0	6 - 8'	1.25'		6 - 8'		
10.0	8 - 10'	1.25'		8 - 10'		
11.0						

Lab
Drill Site Geologist: A. E. Watkins Date: 3/27/87

Reviewed By: Joseph L. Reed Date: 4/16/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7935 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0555

Borehole: E39A Well Number: Dry Hole

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
11.0	11'-13'	1.7'	NA	11'-13'	ML	ML sandy-silt, ~30% v.f. gr. sand, 10YR 5/6-8, yeash brn.; non-plas., loose, moist alluvium
12.0					SC	SC clayey-sand, ~20-30% clay, 10YR 5/3-4, brown, slight plas., v. soft, moist, alluvium.
13.0	13'-15'	1.2'		13'-15'		At 14.0', percent clay increases to ~40%, color changes to 10YR 6/3-4, pale brn.
14.0						
15.0	15'-17'	2'		15'-17'		At 16.0' color changes to 10YR 5/2-3, grayish brn.
16.0						
17.0	17'-19'	2'		17'-19'	CL	CL sandy-clay, ~5-10% v.f. gr. calc. sand, 10YR 5/1-2 grayish brn., low plas., soft, moist, blocky
18.0						WT ▽
19.0	19'-20'	1'		19'-20'		At 19' moisture increases to saturated.
20.0						END OF BORING LOG
21.0						ATD
22.0						

Drill Site Geologist: [signature] Date: 3/27/87

Reviewed By: Joseph L. Reed Date: 4/16/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7382 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

BOREHOLE SUMMARY LOG

Borehole E 39A Well

Project Name and Location T-36 Yucca N of 95th St along K Fracture Project Number

Drilling Company Boyles Bros Driller Dave Jarvis Rig Number 5451

Drilling Method(s) Auger

Size(s) and type(s) of bit(s)

Borehole Diameter 8 in. cm. ft. cm. to ft. cm.

in. cm. ft. cm. to ft. cm.

Sampling Methods Continuous Split Spoon

Total Number Soil Sampling Tubes 10 - 2 FT

Total Number Core Boxes 2

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 3/25/87 — 0815

Date/Time Completed Drilling 3/25/87 — 0915

Total Borehold Depth 20' ft. cm.

Depth to Bedrock 17' ft. cm.

Depth to Water 19' ft. cm.

Water Level Determined By? Samples

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 3/25/87 1035

Depth of Tremmie Pipe ~~Gravity~~

Gallons of Grout 50

Materials Used 3 BAGS OF CEMENT / 15 lbs BENTONITE

Comments 20' OF 4" PVC GROUTED IN PLACE TO BE USED AS SURFACE CASING FOR REPLACEMENT BORING E-39

Wellsite Geologist Greg Citus Date 3/25/87

Checked for Grout Settlement on 4/28/87 by JLR

Amount of Grout Added —

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 4/28/87

Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-39D1 Well 37387

Project Name and Location MW Installation Project Number 130530741C

Drilling Company Boyles Driller B. Roach Rig Number Failing 25

Drilling Method(s) Rotary with mud (bentonite and water)

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 21 ft. ____ cm.
7 1/4 in. ____ cm. 21 ft. ____ cm. to 42.66 ft. ____ cm.

Size(s) and types of Bit(s) 12 1/4" blade bit, 7 1/4" blade bit

Size and Type PVC Schedule 40, 4"

Total Borehole Depth 42.66 ft. ____ cm.

Depth to Bedrock 17 ft. ____ cm.

Depth to Water N.A. ft. ____ cm.

Water Level Determined By not determined

Length Plain PVC (total) ~~36.70~~ 38.48 LOD 38.48 ft. ____ cm.

Length of Screen 5.88 ft. ____ cm.

Total Length of Well Casing 44.36 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 42.66 ft. ____ cm.

Depth to Top of Screen 36.78 ft. ____ cm.

Depth to Top of Sand 32.4 ft. ____ cm.

Depth to Top of Bentonite 28 ft. ____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 4-8-87 0942

Date/Time Finish Drilling 4-8-87 0936

Date/Time Start Completion 4-8-87 0936

Date/Time Cement Protective Casing 4-8-87 1151

Materials Used

Plain PVC 4x10'

Slotted PVC 1x5'

Bentonite Pellets 1.5 buckets

Bentonite Granular ~~50#~~ 1/2 bag

Cement 5 bags cement

Sand 2 bags

Water added during completion —

Water added during drilling —

Total Gallons of water added —

Drill Site Geologist C. Benson Date 4-9-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 05/08/87 1250 SMH PJB

Date/Time/Personnel Casing Painted 05-12-87 0800 SMH PJB

Date/Time/Personnel Numbers Painted 05-12-87 1255 SMH PJB

Materials Used 10 Bgs Quick Crete / Roll Lawn Edging

Top of Protective Casing to Top of PVC 0.25 ft. ____ cm.

Top of Protective Casing to Weep Hole 0.51 ft. ____ cm.

Top of Protective Casing to Internal Mortar 0.52 ft. ____ cm.

Top of Protective Casing to Top of Cement Pad 1.95 ft. ____ cm.

Top of Protective Casing to Ground Level 1.95 ft. ____ cm.

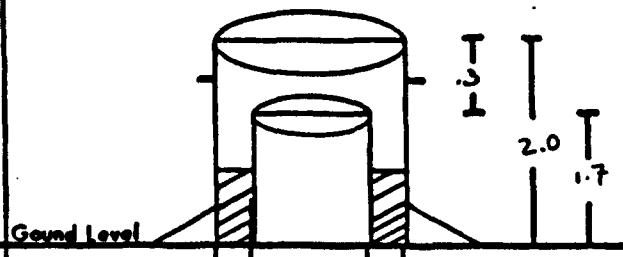
COMMENT/NOTES

Reviewed By Joseph L. Reed Date 6/19/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-4
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-3901 Well: 37387

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5		6.55 joint	
10			
15		16.61 joint	
20		21'	8" casing
25		26.66 joint 28'	TOP OF BENTONITE SEAL
30		32.4	TOP OF SAND PACK
35		joint 36.78'	TOP OF SCREEN
40		42.66'	BOTTOM OF HOLE, SCREEN
45			

Drill Site Geologist: C Dunster Date: 4.9.87

Reviewed By: Joseph L. Reed Date: 5/20/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E39D2 Well 37388

Project Name and Location MW Installation Project Number 1705207410

Drilling Company Boyles Driller B. Roach Rig Number Failing 25

Drilling Method(s) rotary sampling with bentonitic mud

Borehole Diameter 16 1/2 in. ____ cm. 0 ft. ____ cm. to 20 ft. ____ cm.
11 1/2 in. ____ cm. 40 ft. ____ cm. to 45 ft. ____ cm.
7 7/8" 45 to 86'

Size(s) and types of Bit(s) 16 1/2" blade, 11 1/2" blade and 7 7/8" blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth 86 ft. ____ cm.

Depth to Bedrock 17 ft. ____ cm.

Depth to Water ____ ft. ____ cm.

Water Level Determined By ____

Length Plain PVC (total) 71.48 ft. ____ cm.

Length of Screen 16.22 ft. ____ cm.

Total Length of Well Casing 87.7 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen 86 ft. ____ cm.

Depth to Top of Screen 69.78 ft. ____ cm.

Depth to Top of Sand 64.2 ft. ____ cm.

Depth to Top of Bentonite 57.8 ft. ____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 4.10.87 0737

Date/Time Finish Drilling 4.10.87 0910

Date/Time Start Completion 4.10.87 0910

Date/Time Cement Protective Casing 4.10.87 1212

Materials Used

Plain PVC 7 x 10' 5' x 1

Slotted PVC 1 x 10' 1 x 5'

Bentonite Pellets 2 buckets

Bentonite ~~Granular~~ powder 1 bag

Cement 13 bags

Sand 2 1/2 bags

Water added during completion —

Water added during drilling —

Total Gallons of water added —

Drill Site Geologist C Benson Date 4.10.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 05/08/87 1330 PJB SMH

Date/Time/Personnel Casing Painted 05-12-87 0800 PJB/SMH

Date/Time/Personnel Numbers Painted 05-12-87 14:00 PJB/SMH

Materials Used ____

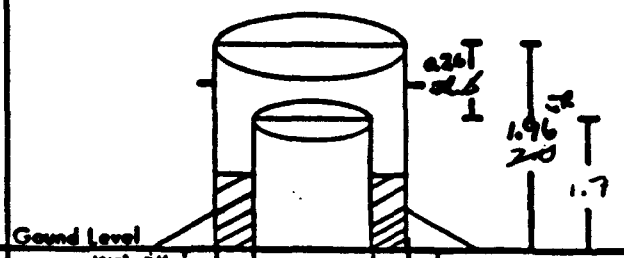
Top of Protective Casing to Top of PVC	2.26 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.46 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.46 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.85 ft.	____ cm.	
Top of Protective Casing to Ground Level	1.96 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 6/9/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7300 SOUTH ALTON WAY • SUITE 14-I
ENGLEWOOD, COLORADO 80112 • (303) 741-0008

Borehole: E3902 Well: 37389

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5			
10			
15			
20			20' 12" steel casing
25			
30			
35			
40			
45			45' 8" steel casing
50			
55			
60			TOP OF BENTONITE SEAL 59.6
65			TOP OF SAND PACK 64.2
70			TOP OF SCREEN 69.78'
75			
80			
85			Total Depth 86'
90			

Drill Site Geologist: C. Benson Date: 4.10.87

Reviewed By: Joseph K. Reed Date: 5/20/87

FSE, Inc. CORE [illegible] CDP Date 4-7-87 Page E-39 Well(s) _____ Page 1 of 6

Run No.	Core Int	Rec	Structure / Bedding Angle	Structure / Bedding Dir	Hardness S	Hardness H	Perm H	Perm V	Mineralogy Min	Mineralogy Hab	Color M	Color D	Texture / Comp Fine	Texture / Comp Coarse	Lith Char	Lith Class Ft	Description / Comments CM (Scale 1" = 2 ft)
																	C-20' Logged on soil Log Form
																	Claystone
	4.7 / 4										2.5Y 6/4 light yellowish brown						
	2.8 / 4														20' sl sandy sand 10%		
1	2 / 2																
	4.7 / 2														28'		
2	0																no Recovery
																CL	Claystone

Carbonaceous frags

BCRE E-39 WELL(S)

FSE, Inc.

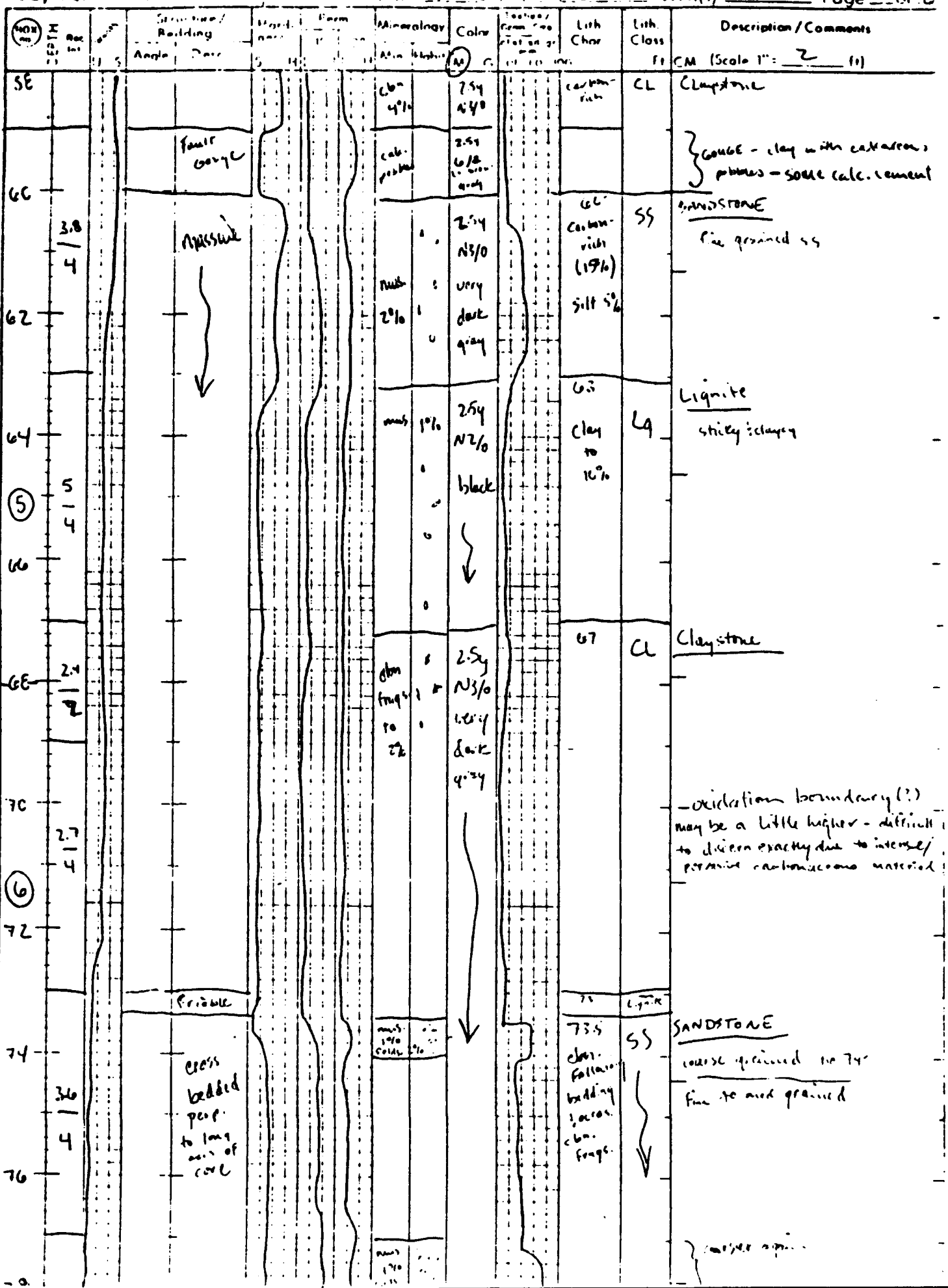
ESE, Inc. CORE LOG By CDB Date 4/8/87 Acct C-39 Well(s) _____ Page 2 of 6

BORE _____ WELL(S) _____

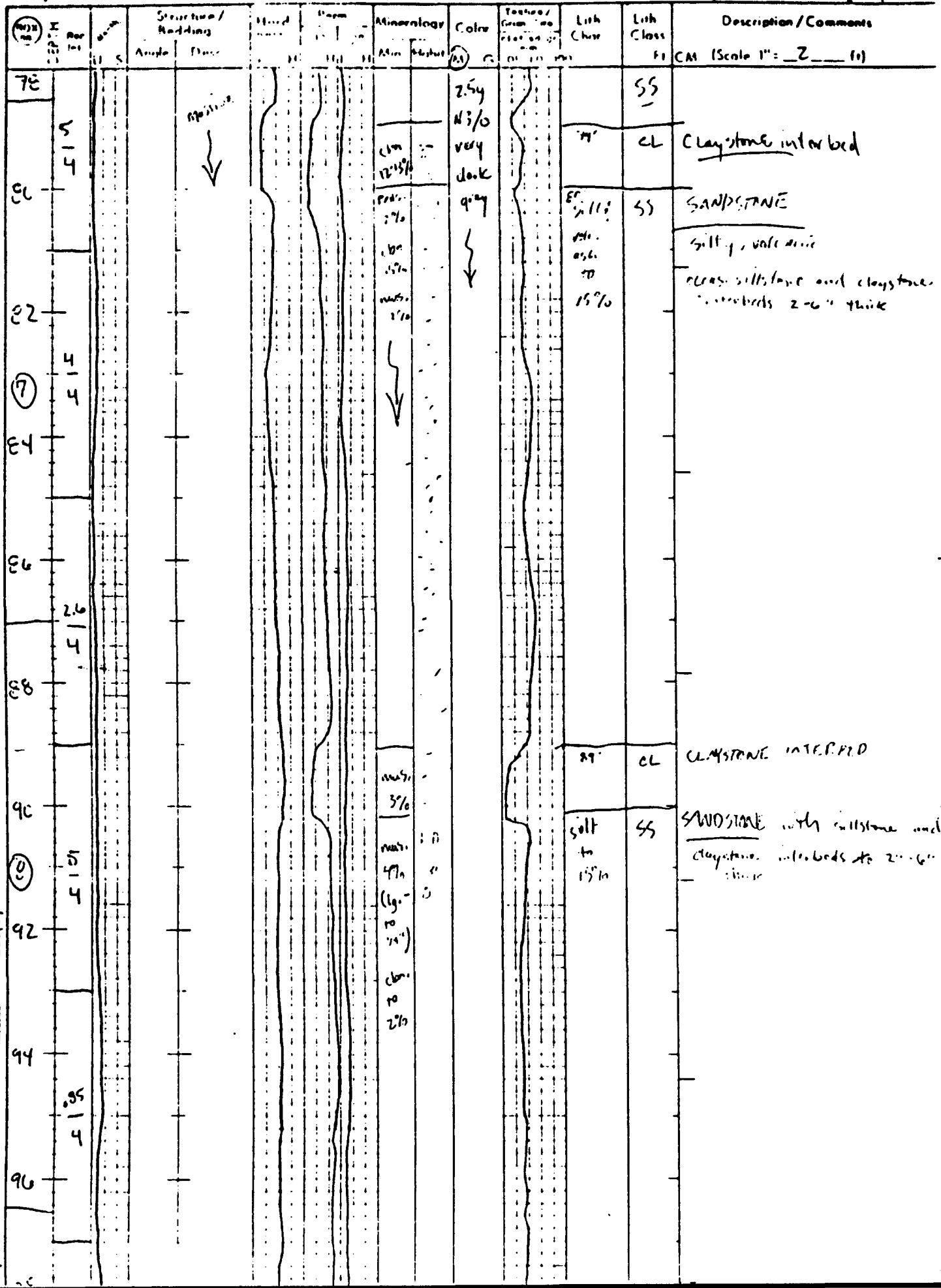
ESE, Inc.

Run no.	Depth (ft)	Rec (ft)	Structure / Bedding Angle	Structure / Bedding Dir.	Mineralogy Min.	Mineralogy Habit	Color	Texture / Grain size	Lith. Chrm	Lith. Class	Description / Comments (CM Scale 1" = 2 ft)
	38										
		1.9 / 2								SS	SANDSTONE
			Massive								
2	40				mus. 1% Lim. 2%		10yr 6/6 brownish yellow				limonitic staining pervasive
		5 / 5							42.3	CL	CLAYSTONE
	42				Fe?? stain		2.5y 5/0 light olive brown				
					Fine carbon frags						
	44	1.8 / 4									
	46										
3											
	48	3 / 3	Fault gouge		Occas. carbon; Fe?? stain				Clay with calcareous pebbles		6cc gals of water lost during drilling of this interval and following this interval
	50		slickensides visible								"bimodal / porphyritic" texture – clay with pebbl : cobbles (primarily calcite)
	52	3.5 / 5									
			Massive								
	54						2.5y N3/0 very dk gray		Abnd carbonaceous wood frags.	Lg Lignite	Lignite
4					Occas. Fe?? on fract.						
	56	5 / 5			mus. 1%					CL	Claystone

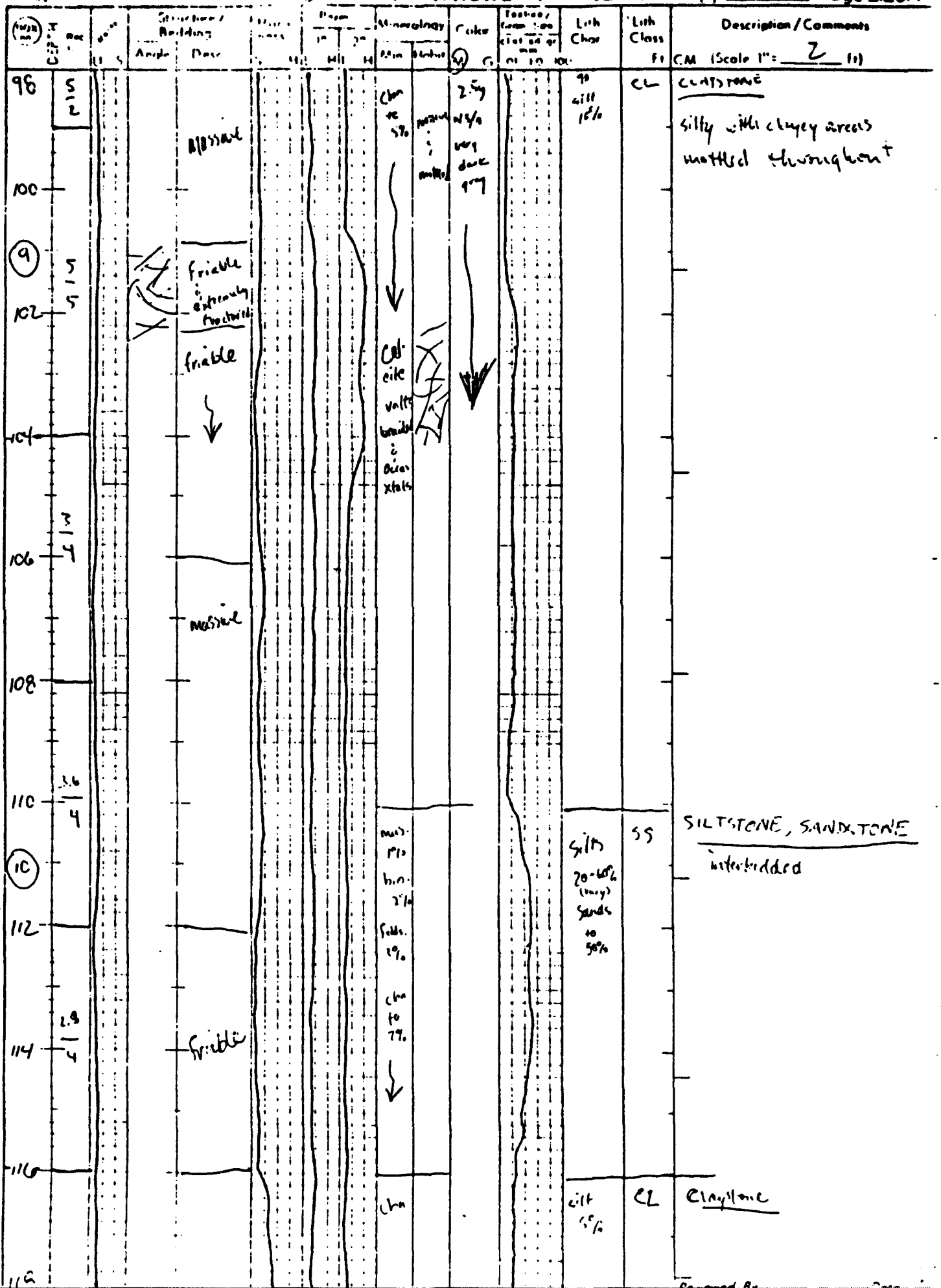
ESE, Inc. CORE LOG By CDS Date 4.7.87 PROJECT E-39 Well(s) _____ Page 3 of 6



ESE, Inc. CORE LOG by CDC Date 4-7-89 BORE E-39 Well(s) _____ Page 6 of 6



ESE, Inc. CORE LOG Proj. CDB Date 4.7.87 BORE C-39 Well(s) _____ Page 5 of 6



CSE, Inc. (CORE LOG) by CMB Date 4/7/87 WELL/BORE 1 of 1 Well(s) _____ Page 1 of 1

Depth (ft)	Core Run	Recovery	Structure / Bedding: Angle	Structure / Bedding: Dir.	Fracture Frequency	Mineralogy: Type	Mineralogy: Abundance	Color	Texture / Grain Size	Lith Char	Lith Class	Description / Comments
118	4	4'6"						2.5Y N3/0 very dark gray		silty to 2%	CL	CLAYSTONE
120										120' silt 10 to 40%	SS	SANDSTONE with siltstone & occas claystone interbeds
122	11	5 5		cross bedding and fine bedding perpendicular to core long axis								carbon mottled through core and following bedding plane
124												
126	12	4.6 5										
128												
130												END OF BORING AT 130'

CSE, Inc. BORE _____ WELL(S) _____

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

BOREHOLE SUMMARY LOG

Borehole E-39 Well —

Project Name and Location MW Installation Project Number 13052 07410

Drilling Company Boyles Driller B Roach Rig Number Failing 25

Drilling Method(s) Rotary - drill mud used

Size(s) and type(s) of bit(s) 3 7/8" tricone bit

Borehole Diameter 3 7/8 in. ____ cm. ____ 2 ft. ____ cm. to 130 ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 14

Number of Gallons Lost Drilling Fluid ≈ 1400 gals. - Water lost 50'

Date/Time Started Drilling 4·2·87 1109

Date/Time Completed Drilling 4·3·87 1640

Total Borehold Depth 130 ft. ____ cm.

Depth to Bedrock 17 ft. ____ cm.

Depth to Water unknown ft. ____ cm.

Water Level Determined By? A.A.

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 4·6·87 1330

Depth of Tremmie Pipe 125'

Gallons of Grout 95

Materials Used 9 1/2 bags cement, 9/10 bag bentonite, 95 gals water

Comments Hole grouted to surface

Wellsite Geologist C Benson Date 4·6·87

Checked for Grout Settlement on 6/11/87 by JRL

Amount of Grout Added 0

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 6/11/87

Drill Site Geologist ____ Date ____

Frontier Logging
Lakewood, Colorado

Date APRIL 6, 1987

Company: ESE
Bore Hole: E-39
Area/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured from: Ground Level
Driller Depth: 130 FT.
Bit Size: 3 7/8"
Casing Depth:
Fluid in Hole: water + native mud
Density/Viscosity:
pH: 8
Drilling Measured From: Ground Level
Max. Rec. Temp. Deg. F:
Equip. Stand-by:
Time at: 0910
Time Out: 1155
Unit No: 110
Operator: W. Linton
Location: Lakewood

EQUIPMENT DATA

128 FT
Natural Gamma: 200 Scale = 20 CPS per inch
Time Constant: 2 Sec
Logging Speed: 15 Feet/Min
Cable Serial No/Length: Ft
Probe No: 103-104
Probe Diameter: 1 5/8"
Detector Type: Size: xtal 3/4 x 1 3/4"
K Factor: 1.60 x 10^-5
Depth Time: 7 Seconds
Water Factor: In Hole Unit
Casing Factor: In Hole Unit
Resistance: 40 + 50 ohms Ohms per 5 inches
SP: 20 MV/INCH MV per inch

NATURAL GAMMA RERUNS (ANALOG)
(Detail log on scale)

Sec		Sec		Sec		Sec	
Logging Speed		Logging Speed		Logging Speed		Logging Speed	
From	To	From	To	From	To	From	To
Total		Total		Total		Total	

6 trips into hole
clay/shaly boots in hole

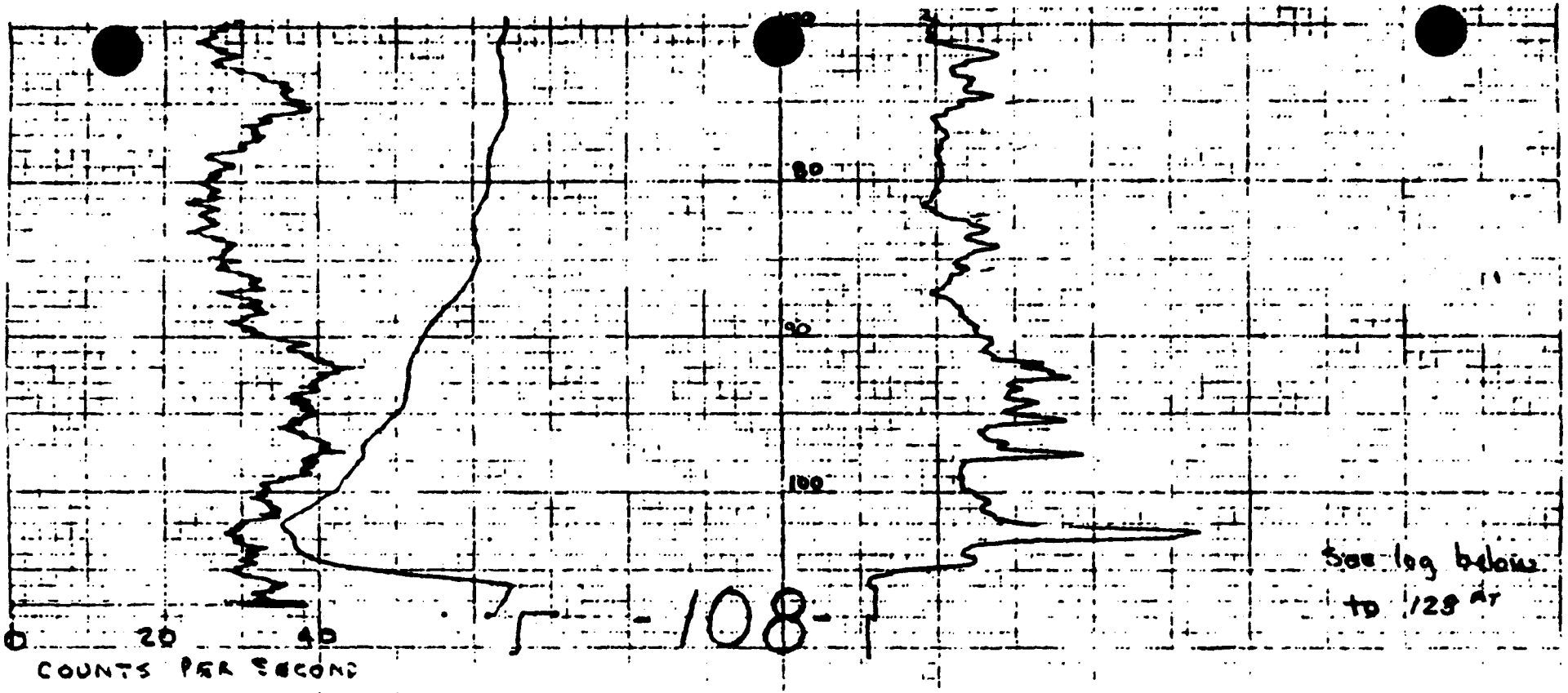
Gamma (Analog)
Gamma (Digital)
Caliper
Temperature

DIRECTIONAL DATA
Closure
Azimuth
True Vertical
Survey Depth

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

NATURAL GAMMA S.P. RESISTANCE

FLUID LEVEL
30
40
60
70
60
CAUSTIC PER SECOND
0
20
40
60
120 MV



-108-

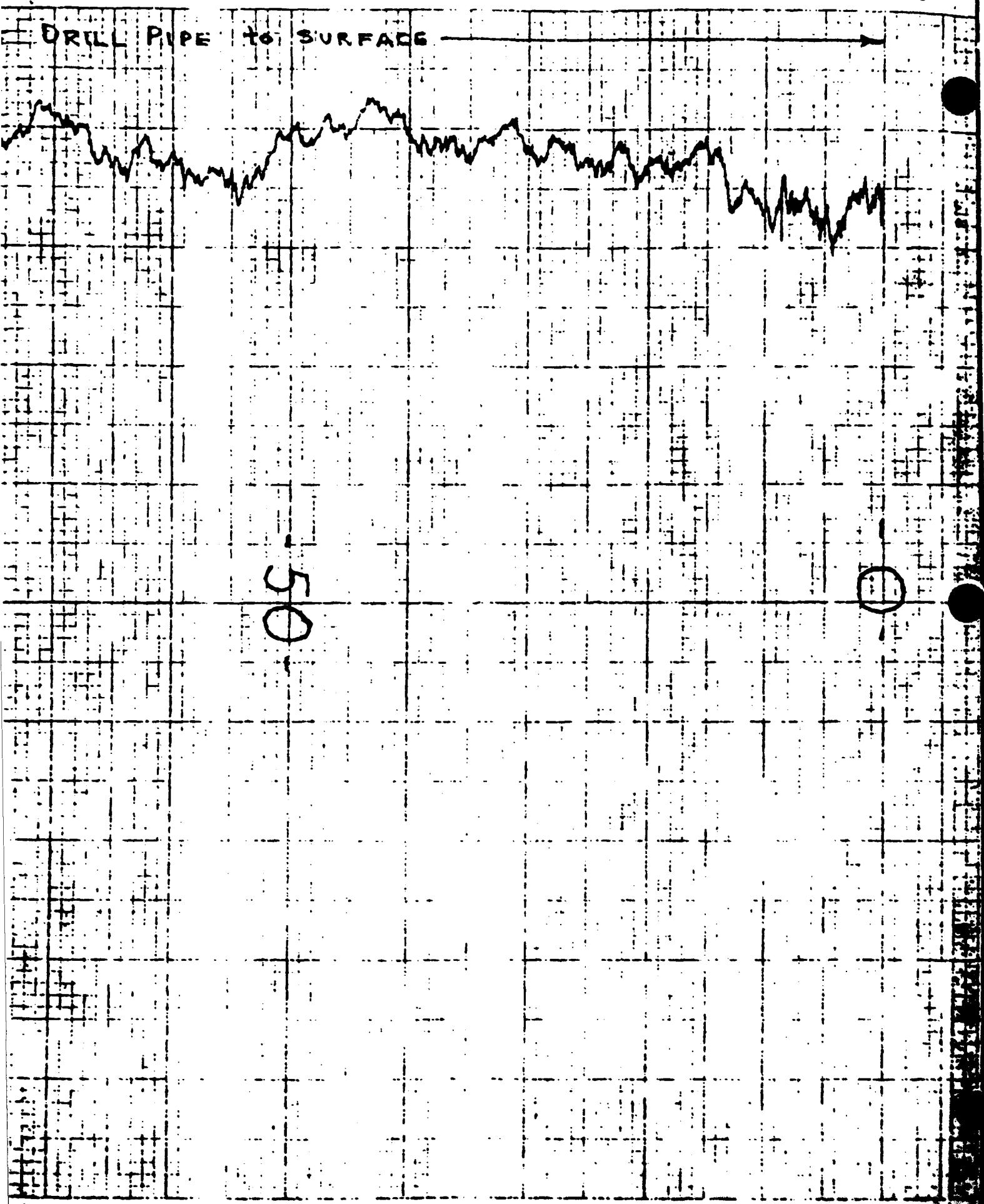
See log below to 128 FT

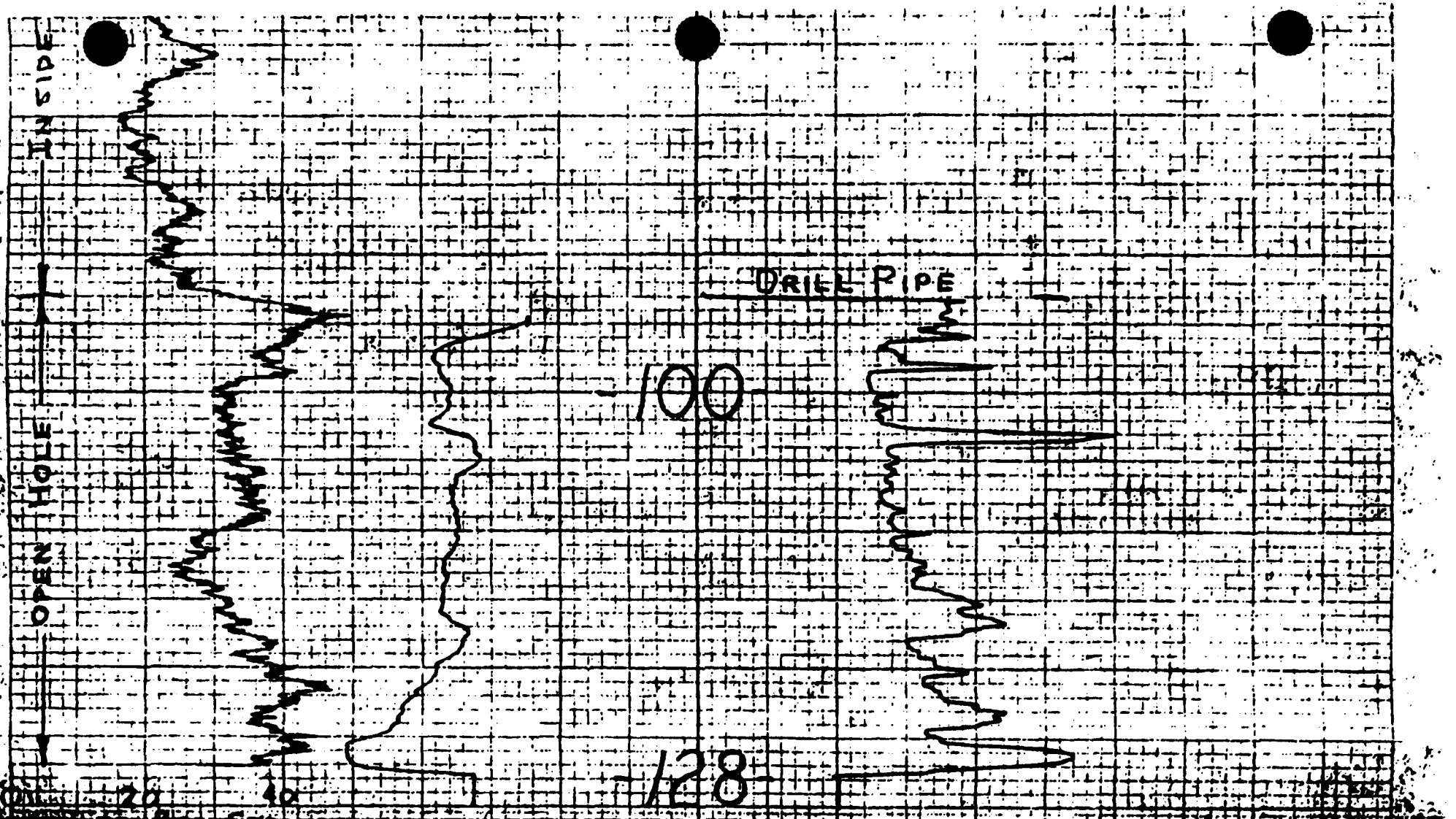
NATURAL GAMMA

S. P. 20 MV/INCH

RESISTANCE 50 OHMS/5 INCHES

E-39


DRILL PIPE to SURFACE
50
0


OPEN HOLE
DRILL PIPE
100
128
20
40
COUNTS PER SECOND
NATURAL GAMMA
S.P.
20 MV/INCH
RESISTANCE
40 OHMS/5 INCES

HOLE E-39

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E40A Well 37370

Project Name and Location RMA offsite Project Number

Drilling Company Boyles Bros. Driller D. Jarvis Rig Number B57

Drilling Method(s) continuous core

Borehole Diameter 12¼" in. cm. 0 ft. cm. to 25.8 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 3¼" hollow stem auger

Size and Type PVC 4" schedule 80

Total Borehole Depth 27 ft. cm.

Depth to Bedrock 25.8 ft. cm.

Depth to Water 9 ft. cm.

Water Level Determined By field observation

Length Plain PVC (total) 7.1 ft. cm.

Length of Screen 21.41 ft. cm.

Total Length of Well Casing 28.5 ft. cm.

PVC Stick Up 2.7 ft. cm.

Depth to Bottom of Screen 25.8 ft. cm.

Depth to Top of Screen 4.4 ft. cm.

Depth to Top of Sand 3 ft. cm.

Depth to Top of Bentonite 2 ft. cm.

Sampling Method(s) continuous core

Date/Time Start Drilling 1·21·87 0919

Date/Time Finish Drilling 1·21·87 1101

Date/Time Start Completion 1·21·87 1152

Date/Time Cement Protective Casing 1·21·87 1435

Materials Used 7-4' tubes

Plain PVC 2 10' piece

Slotted PVC 2 10' piece

Bentonite Pellets 50 gal.

Bentonite Granular 10 lb.

Cement 1 bag

Sand 13½ bags

Water added during completion 30 gal.

Water added during drilling 0

Total Gallons of water added 30 gal.

Drill Site Geologist C. D. Benson Date 1·21·87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/10/87 1010 JWF KWP

Date/Time/Personnel Casing Painted 2/10/87 1315 KWP

Date/Time/Personnel Numbers Painted 4/15/87 1115 JWF BAL

Materials Used 10 Bags Quickcrete

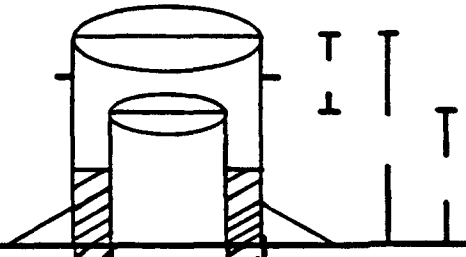
			COMMENT/NOTES
Top of Protective Casing to Top of PVC	0.6 ft. cm.		
Top of Protective Casing to Weep Hole	2.34 ft. cm.		
Top of Protective Casing to Internal Mortar	2.4 ft. cm.		
Top of Protective Casing to Top of Cement Pad	3.05 ft. cm.		
Top of Protective Casing to Ground Level	3.05 Je 3.30 ft. cm.		

Reviewed By Joseph L. Reed Date 6/2/87

Drill Site Geologist Date

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

Borehole: E40A Well: 37370

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
2			TOP OF BENTONITE 2'
4			TOP OF SAND 3'
6			TOP OF SCREEN 4.4' / Joint
8			
10			Water Level 9'
12			
14			
16			Joint at 14.91'
18			
20			
22			
24			
26			Bottom of Screen 25.8'
28			

Drill Site Geologist: C.D. Benson Date: 1-21-87
Reviewed By: Joseph L. Reed Date: 6/11/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE M-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E40 DE. Well ~~373~~ JR 37372

Project Name and Location MW Installation - off past 96th Ave. Project Number

Drilling Company Boyles Driller B. Roach Rig Number TH-60

Drilling Method(s) Cont Diamond wire

Borehole Diameter 7 7/8 in. cm. 0 ft. cm. to 96.3 ft. cm.

in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 7 7/8" OD

Size and Type PVC 4" schedule 40

Total Borehole Depth ~~315~~ 963 cm.

Depth to Bedrock 26 ft. cm.

Depth to Water 9 ft. cm.

Water Level Determined By visual

Length Plain PVC (total) ~~33.5~~ ft. 73.04 cm.

Length of Screen 26.96 ft. cm.

Total Length of Well Casing ~~33.00~~ ft. ~~99 ft.~~ cm. COB

PVC Stick Up 2.7 ft. cm.

Depth to Bottom of Screen 88.5 ft. cm.

Depth to Top of Screen 61.5 ft. cm.

Depth to Top of Sand 60.5 ft. cm.

Depth to Top of Bentonite 56 ft. cm.

Sampling Method(s) continuous core

Date/Time Start Drilling 1-23-87 1051

Date/Time Finish Drilling 1-29-87 1404

Date/Time Start Completion 2-3-87 0736

Date/Time Cement Protective Casing 2-4-87 1300

Materials Used 10 core boxes

Plain PVC ~~70.32~~ (7 : 10')

Slotted PVC 26.96 (2 : 10', 1 : 5')

Bentonite Pellets 4 buckets

Bentonite Granular 4 buckets

Cement ~~10~~ 26 bags

Sand 7 bags

Water added during completion —

Water added during drilling —

Total Gallons of water added —

Drill Site Geologist C.D. Benson Date 2-5-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/10/87 0930 JWF KWP

Date/Time/Personnel Casing Painted 2/10/87 1400 KWP

Date/Time/Personnel Numbers Painted 4/5/87 1100 JWF BAB

Materials Used 10 BAGS QUICKCRETE

Top of Protective Casing to Top of PVC	0.63 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.91 ft.	cm.	
Top of Protective Casing to Internal Mortar	3.15 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	2.35 ft.	cm.	
Top of Protective Casing to Ground Level	3.35 ft.	cm.	

Reviewed By Joseph L. Reed Date 6/11/87

Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: ≡40D Well: 37372

Depth-Feet	Soil/Rock Type	Well Completion	Description
		0.63	
		3.33	
		2.7	
		Gound Level	
5			
10			
15			
20			
25			
30			
35			
40			
45			
50			
55		56'	TOP OF BENTONITE
60		60.5'	TOP OF SAND
		61.5'	TOP OF SCREEN
65			
70			
75			
80			
85			
90		88.5'	TOP OF SAND
		90'	TOP OF BENTONITE PLUG
95		96.3'	Bottom of Hole

Drill Site Geologist: C D Benson Date: 2-5-87

Reviewed By: Joseph L. Reed Date: 7/9/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7200 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 1 OF 3

Borehole: E40A Well Number: E40A 37370

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1.0	0-2'	2'	NA	0-2'	SM	SM - silty sand, sl. clay, 10yr 3/3, dk. brown, med. dense, nonplast, sl. moist alluvium
2.0						
3.0	2-4'	1.8'		2-6'	SC	SC clayey sand, 25% clay, 10 yr 3/1, very dk. gray, med stiff, med plast, sl. moist alluvium
4.0						
5.0	4-6'	2'				
6.0						
7.0	6-8	1.2'			SM	SM silty sand, ≈ 20% coarse sand, 10yr 3/1, med dense, nonplast., moist
8.0						
9.0	8-10	2'				—moisture change to saturated at 9' (W.T.)
10.0						coarse sand increase to 25%
11.0	10-12	2'		10-12	SW	SW coarse sand, 10yr 4/3, brown, med dense nonplast. saturated

Drill Site Geologist: C. D. Bentz Date: 1-22-87

9/11/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 2 OF 3

Borehole: E46.1 Well Number: 37370

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11.0	10-12	2'	NA	10-12	SW	SW - well-graded sands, gravelly sands — 5% gravel, 10yr 4/3, brown/dk. brown, med dense, non plast, saturated
12.0	12-14	2'		12-14		
14.0	14-16	1.8'		14-16		
16.0	16-18	1.6		16-18		
18.0	18-20	1.8'		18-20		
20.0	20-22	.7'		20-22		20' increase in % gravel to 30% Gravelly sands
22.0						

Drill Site Geologist: C. D. Fraser Date: 1.22.87

Reviewed by: Donald L. Reed Date: 4/14/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7300 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0039

Borehole: E4C.4 Well Number: 37370

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22.0						
	22-24	1' (Cuttings)	NA		SW	SW gravelly sands 30-40% gravel, 10yr 4/2 dk. grayish brown, med dense non plast, saturated
23.0						
24.0	24-26	1' (Cuttings)				
25.0						
26.0	26-27	1'				BEDROCK - weathered claystone 10yr 4/3 dk. brown
27.0						END OF BORING - REAMED TO 26' 27'

Drill Site Geologist: L.D. Benyum Date: 1-22-87

Reviewed By: Joseph J. Reed Date: 4/14/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E40 Piezometer Well 37371
Project Name and Location Ciffrost monitor well Project Number
Drilling Company Boyles Driller B. Roach Rig Number TGO
Drilling Method(s) Continuous core

Borehole Diameter 7 7/8 in. cm. 0 ft. cm. to 39 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 7 7/8
Size and Type PVC 2" Schedule 40
Total Borehole Depth 39 ft. cm.
Depth to Bedrock 27 ft. cm.
Depth to Water 7 ft. cm.
Water Level Determined By Visual
Length Plain PVC (total) 34.36 ft. cm.
Length of Screen 10.63 ft. cm.
Total Length of Well Casing ~~15.03~~ 14.99 ft. cm.
PVC Stick Up 2.7 ft. cm.
Depth to Bottom of Screen 39 ft. cm.
Depth to Top of Screen 28.3 ft. cm.
Depth to Top of Sand 27.3 ft. cm.
Depth to Top of Bentonite 23 ft. cm.

Sampling Method(s) NA
Date/Time Start Drilling 2-5-87 1023
Date/Time Finish Drilling 2-5-87 1512
Date/Time Start Completion 2-5-87 1536
Date/Time Cement Protective Casing 2-6-87 1105
Materials Used
Plain PVC 3 x 10' 1 x 5'
Slotted PVC 1 x 10'
Bentonite Pellets 1 bucket
Bentonite Granular 1 bag
Cement 4 bags
Sand 3 bags
Water added during completion none
Water added during drilling none
Total Gallons of water added none

Drill Site Geologist C. D. Benson Date 2-6-87

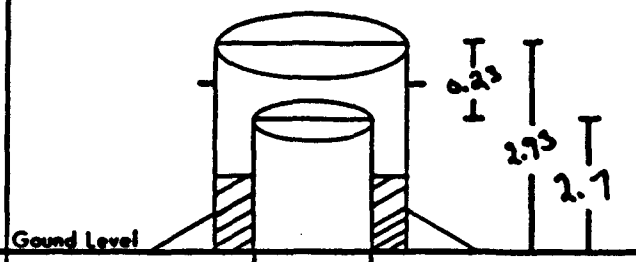
Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/10/87 JR K JWF
Date/Time/Personnel Casing Painted JWF BAG 4/15/87 1049
Date/Time/Personnel Numbers Painted JWF BAG 4/15/87 1049
Materials Used 13 Bags Quickrete

			COMMENT/NOTES
Top of Protective Casing to Top of PVC	0.23 ft.	cm.	
Top of Protective Casing to Weep Hole	2.13 ft.	cm.	
Top of Protective Casing to Internal Mortar	2.19 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	2.57 ft.	cm.	
Top of Protective Casing to Ground Level	2.93 ft.	cm.	

Reviewed By Joseph L. Reed Date 7/9/87
Drill Site Geologist Date

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7333 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E40 Piezometer Well: 37371

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
5			
10			
15			
20			
25		23' 27.3' 28.3	-TOP OF BENTONITE SEAL SAND TOP OF ~~BENTONITE~~ SOB TOP OF SCREEN
30			
35		39'	Total Depth

Drill Site Geologist: C. D Bjurson Date: 2.6.87

Reviewed By: Joseph E. Reid Date: 7/9/87

Frontier Logging
Lakewood, Colorado

Date: JAN. 28, 1987

Company: ESE

Bore Hole: E 40 DENVER

Area/Project:

County: ADAMS COUNTY | State: COLORADO

Section | Township | Range | Elevation

Log Measured From: Ground Level

Driller Depth: 55 Ft | Mtrs Round Trip: 40

Bit Size: 3 Inch | Standby:

Casing Depth: 28 Feet | Time In: 1220 | Time Out: 1250

Fluid in Hole: Water | Unit No.: 110

Density/Viscosity | pH | Operator: Wm. Linton

Drilling Measured From: Ground Level | Location: Lakewood, CO

EQUIPMENT DATA

T.D. Logged: 52 Feet

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- | Probe Diameter: 1 5/8"

Detector Type: Xtal | Size: 3/4 x 1"

K Factor: 2.35 x 10^{-5} | Dead Time: 7 Microsec

Water Factor: 1.07 for hole size 3 Inch

Casing Factor: for casing size

Resistance: 75 ohms/5" Ohms per 5 Inches

S.P.: 20 MV / Inch MV per Inch

NATURAL GAMMA RERUNS (ANALOG)
(partial log off scale)

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

Gamma (Analog) Ft	Density Source No
Gamma (Digital) Ft	Type / Str
Caliper Ft	CPS/Inch
Temperature Ft	
DIRECTIONAL DATA	Neutron Source No
Closure Ft	Type / Strength
Azimuth	CPS/Inch
True Vertical Ft / Survey Depth Ft	

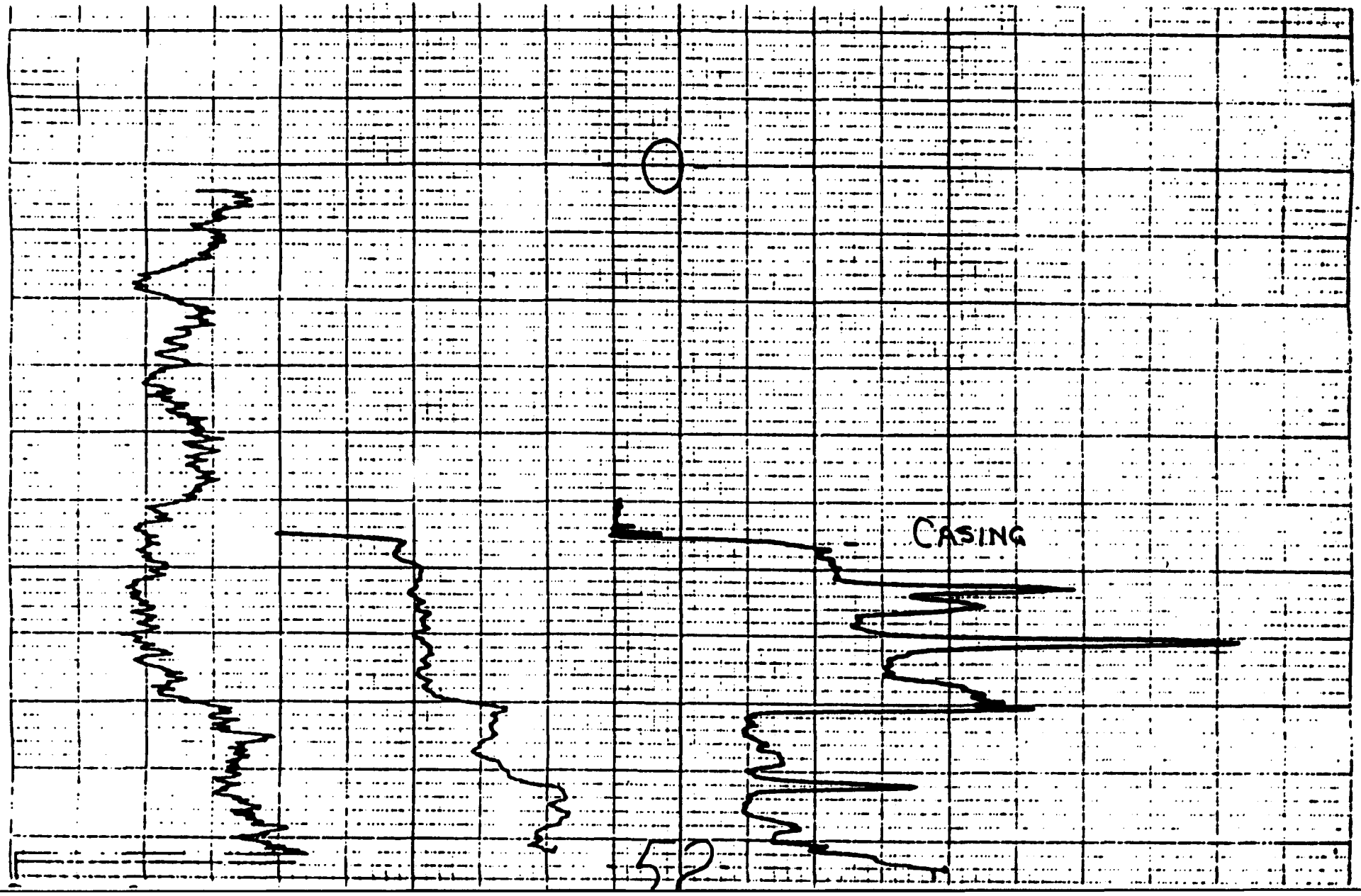
20 MV / INCH

		Azimuth	CPS/inch
		True Vertical Ft.	Survey Depth Ft.

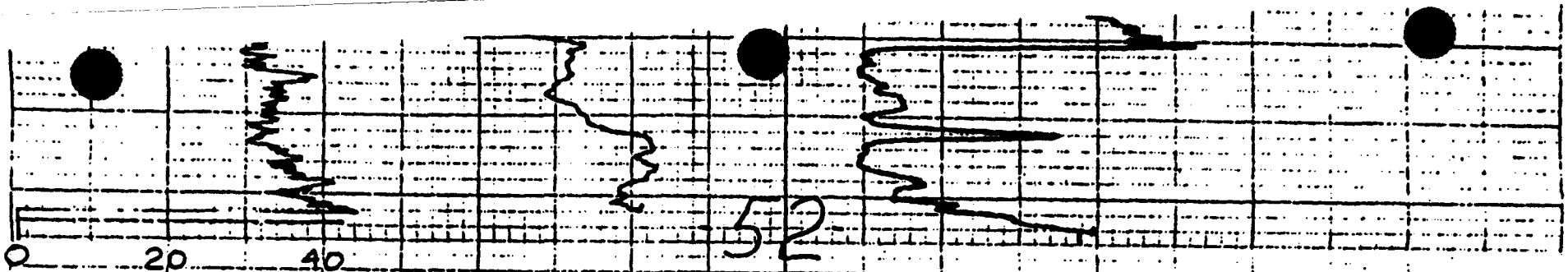
NATURAL GAMMA — 20 CPS — Initial Log

S.P. — 20 MV

RESISTANCE — 75 OHMS/ 8 Inches



GEARHART CORPORATION



52

NATURAL GAMMA

S.P. 20 MV/INCH

RESISTANCE 75 OHMS/5 INCHES

E 40 DENVER

FRONTIER LOGGING CORPORATIC

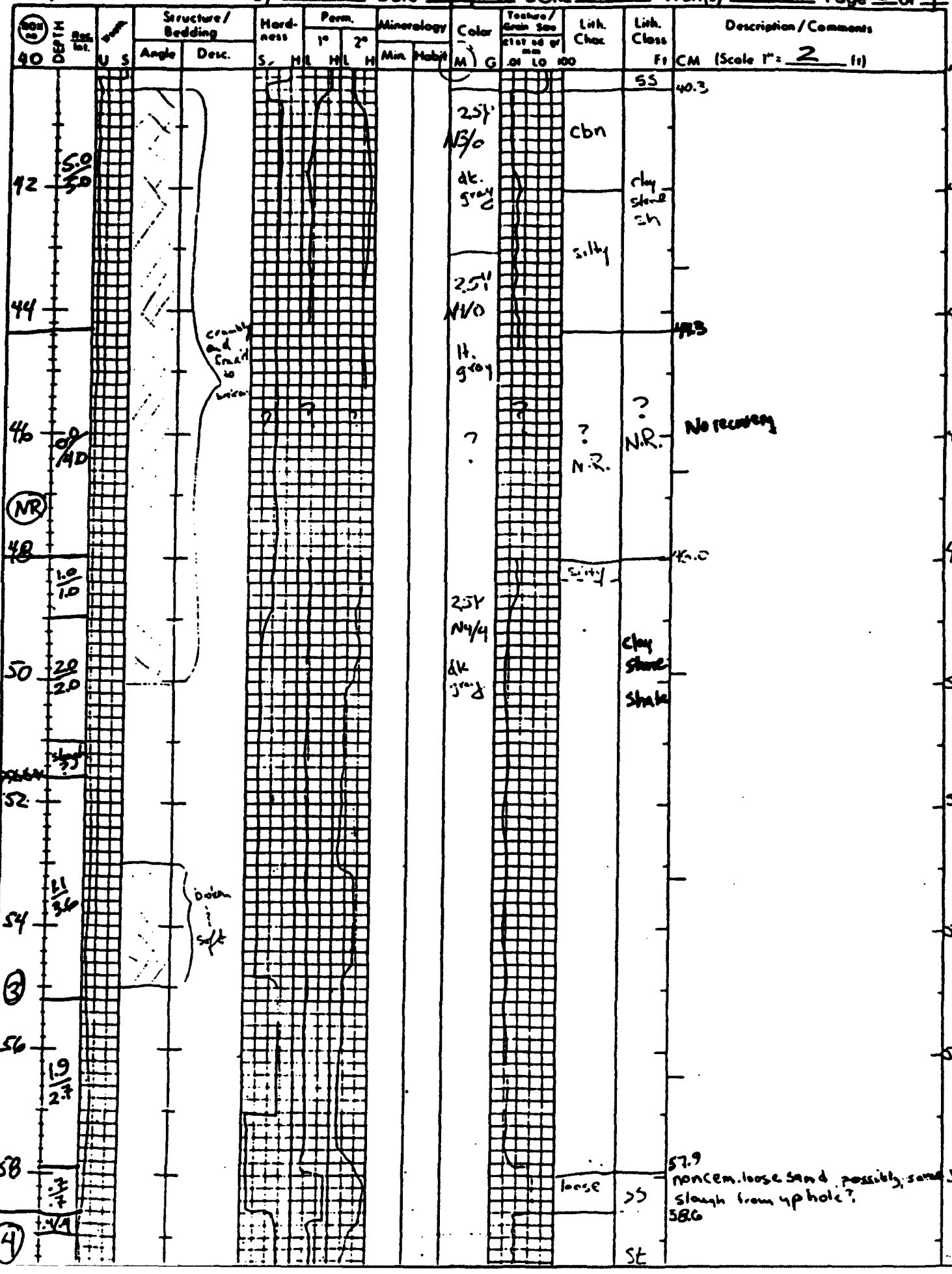
ESE, Inc. CORE LOG By MLG Date 2/6/87 BORE 40D Well(s) _____ Page 1 of 4

Run No.	Depth	Rec. Int.	U S	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness S	Hardness HR	Perm. 1° HR	Perm. 2° HR	Mineralogy: Min.	Mineralogy: Habit	Color M	Color G	Texture/Grain Size clay silt sd gr mm .01 LO 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	20																
	22																
	24																
	26																
					Start Coring. Alluvium Logged on another sheet (All. Log)												
	28	1.0/2.0													sandy clay rich	Silt stone	interbedded clay rich sandstone and fine sandy lt. brn
	30	1.0/1.3			strongly fract broken												30.3'
①					10-20/ft												
	32	4.0/4.0		0°								yel brn	2.5Y 4/4			SS	Sandstone becomes coarse-grained with depth to 40.
	34			8°	x bdg										clay balls		
	36	5.0/5.0		0°						clay frags		grey	2.5Y N4/0				
		MG			10-20/ft							yel brn	2.5Y 4/4				
	38											grey	2.5Y N4/0				
②																	

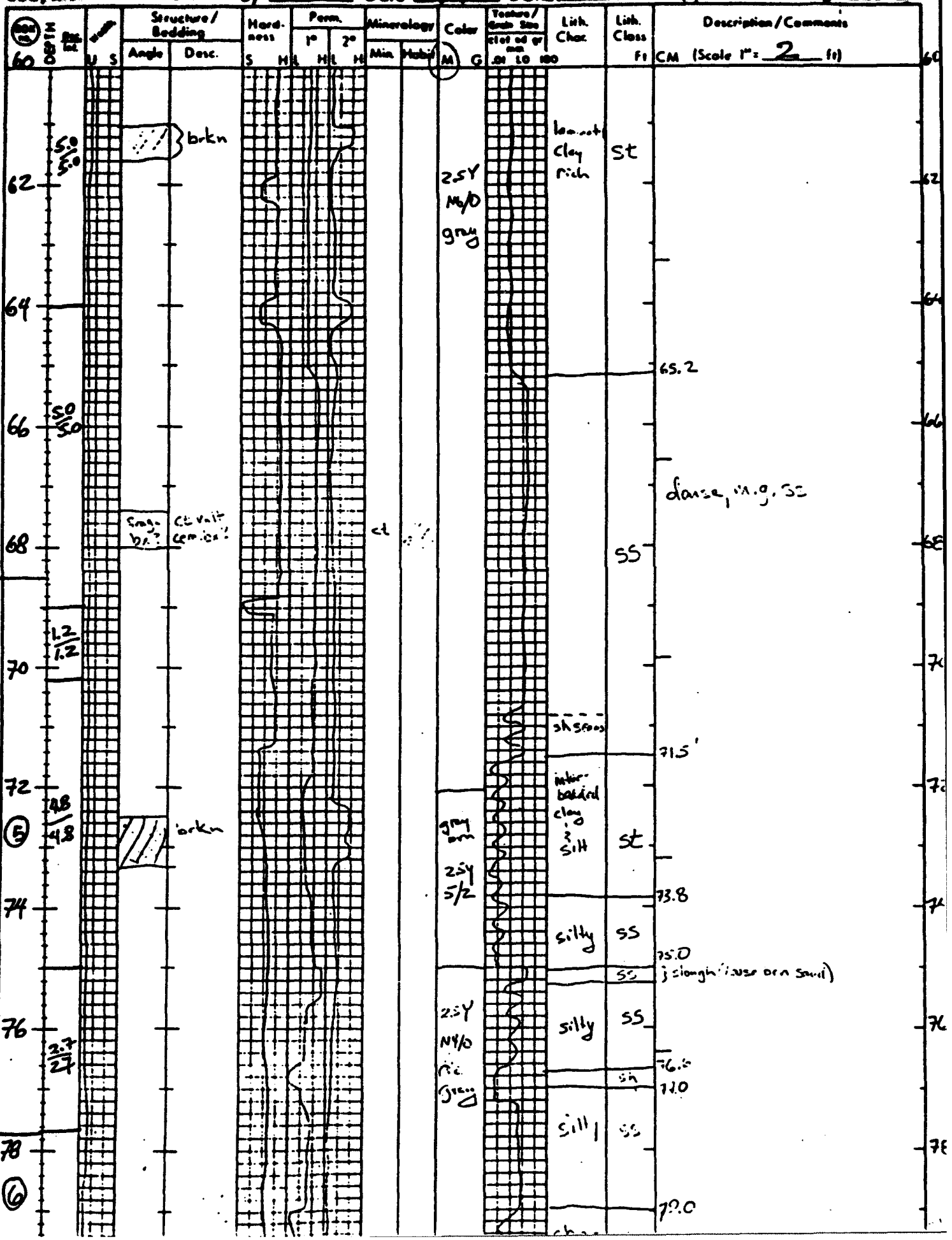
BORE 40D WELL(S)

Inc.

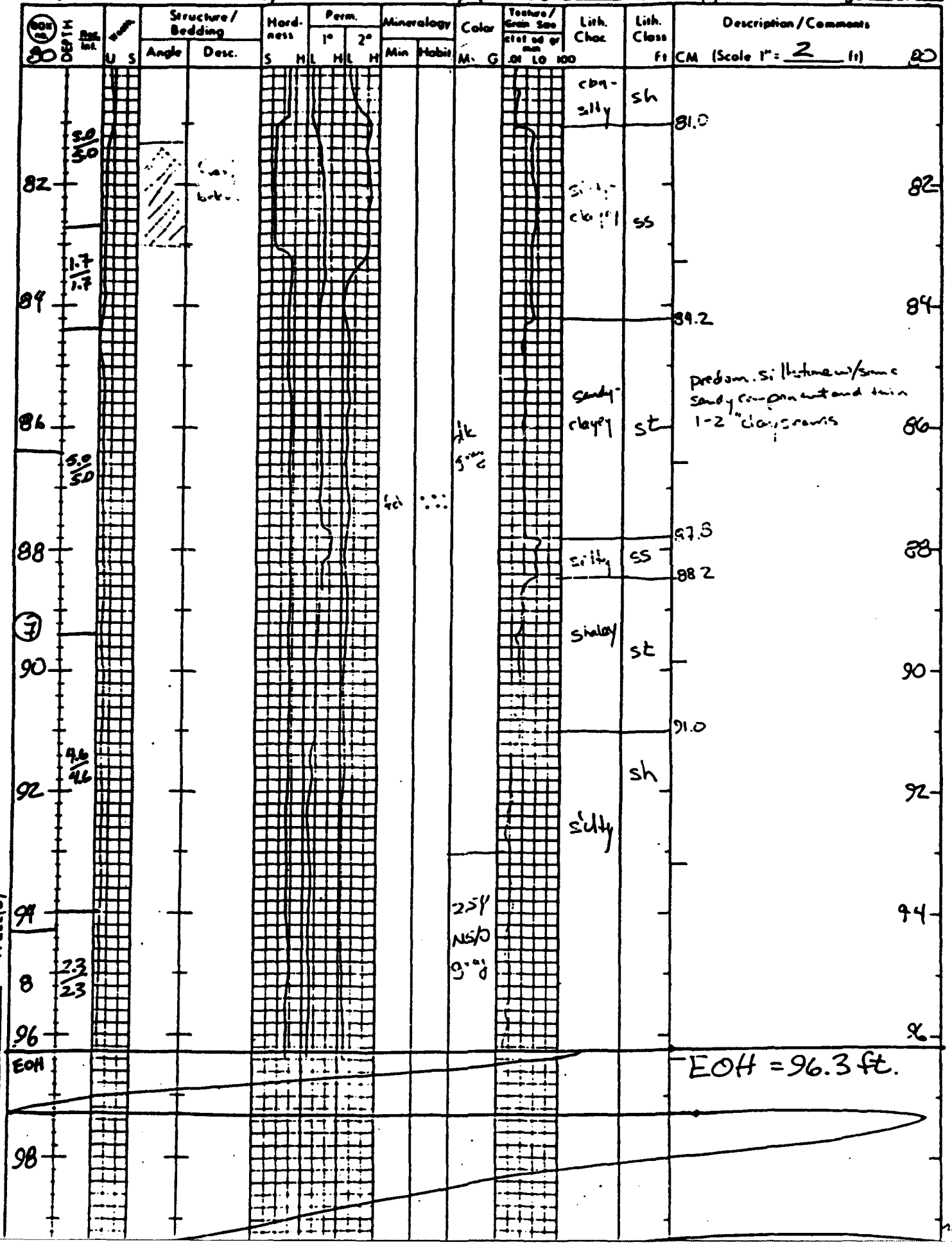
ESE, Inc. CORE LOG By MG Date 2/6/87 BORE E40D Well(s) _____ Page 2 of 4



ESE, Inc. CORE LOG By MG Date 2/6/87 BORE E40D Well(s) _____ Page 3 of 4



ESE, Inc. CORE LOG By MG Date 2/6/87 BORE E40D Well(s) _____ Page 4 of 4



ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7335 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E42A Well 37369

Project Name and Location RMA Offsite Well Installation Project Number 1205B04510

Drilling Company Boyles Bros Driller D. Jarvis Rig Number B57

Drilling Method(s) Continuous core

Borehole Diameter 12¼ in. ____ cm. 0.0 ft. ____ cm. to 25.26 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 3¼" hollow stem auger Sampling Method(s) Continuous core

Size and Type PVC 4" Schedule 40

Total Borehole Depth	25.26 ft.	____ cm.	
Depth to Bedrock	25.0 ft.	____ cm.	
Depth to Water	5.0 ft.	____ cm.	
Water Level Determined By	Field Observed		
Length Plain PVC (total)	6.68 ft.	____ cm.	
Length of Screen	21.21 ft.	____ cm.	
Total Length of Well Casing	27.89 ft.	____ cm.	
PVC Stick Up	2.7 ft.	____ cm.	
Depth to Bottom of Screen	25.26 ft.	____ cm.	
Depth to Top of Screen	4.05 ft.	____ cm.	
Depth to Top of Sand	3.0 ft.	____ cm.	
Depth to Top of Bentonite	2.0 ft.	____ cm.	

Date/Time Start Drilling 1/19/87 1115

Date/Time Finish Drilling 1/19/87 1289

Date/Time Start Completion 1/19/87 1402

Date/Time Cement Protective Casing 1/19/87 1545

Materials Used

Plain PVC 1-10'

Slotted PVC 2-10'

Bentonite Pellets 1 bucket

Bentonite Granular 5#

Cement 1 bag

Sand 13½ bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist D.A. Meaney Date 1/19/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ____

Date/Time/Personnel Casing Painted ____

Date/Time/Personnel Numbers Painted ____

Materials Used ____

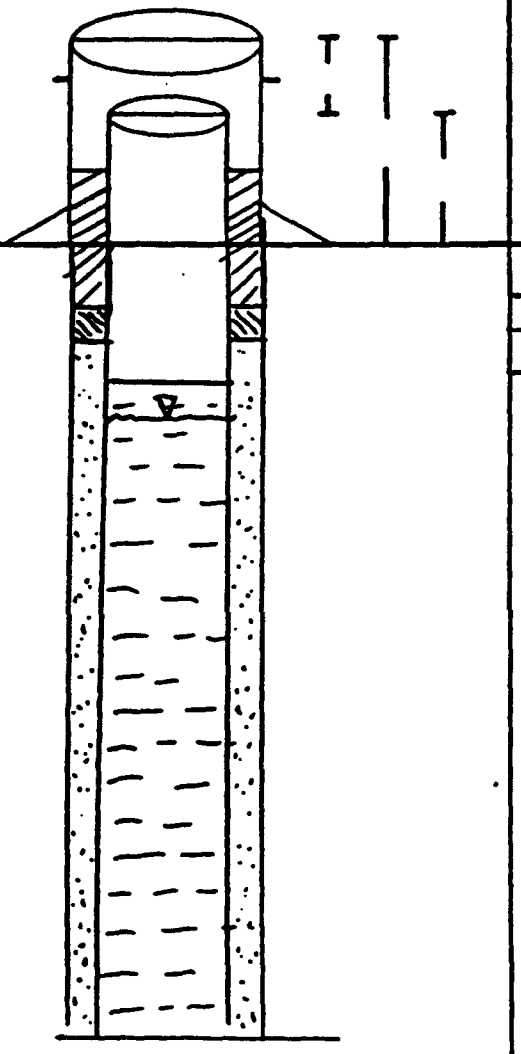
Top of Protective Casing to Top of PVC	____ ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	____ ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	____ ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	____ ft.	____ cm.	____
Top of Protective Casing to Ground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

Reviewed By ____ Date ____

Drill Site Geologist ____ Date ____

ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E42A Well: 37369

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
2			Top of Bentonite (2.0)
3			Top of Sand (3.0)
4			Top of Screen (4.05) / Joint Water Level (5.0)
6			
8			
10			
12			
14			
16			
18			
20			
22			
24			
25.26			Bottom of Screen (25.26)

Drill Site Geologist: D.A. Meenan Date: 1/19/87

Reviewed By: _____ Date: _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7888 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0888

Borehole: E42A Well Number: E42A 37369

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0.0			NA			
	1, 2-0	2'		2-0	SC.	SC, clayey sand, 20% clay, 10yR 3/1 very dark gray, med-stiff, med plast, moist Alluvium (Roots present 0-.4') -
1.0						
2.0						
	1, 4-2	2'			SM	SM, silty sand, 30% silt, 10yR 3/4, dark yellowish brown, med-dense, non-plast moist Alluvium -
3.0						
						moisture increase to wet
4.0	1, 6-4	2'				moisture change to sat at 5.0' (W.T.)
5.0					SM	
6.0						
	1, 8-6	2'				
7.0						
8.0						
	1, 10-8	1.0'				
9.0						
10.0						
	1, 11-10	.5'				
11.0						

Drill Site Geologist: D.A. MEEHAN Date: 1/19/87

Reviewed By: [signature] Date: 1/20/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E42A Well Number: E42A 3736

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11.0	C1-11	1.0'		11-12	SM	Silty sand, 40% silt, vfg sand, 10yR 5/4 yellowish brn, med dense, non-plast, saturated Alluvium
12.0	H1-C1	2.0'				
14	H1-H1	2.0'				m-c.g sand lense
16	A1-A1	1.5'				
18	B2-B1	1.5' .5 silt				
20	D2-D2	1' rec 1' silt				
22						

Drill Site Geologist: D. A. McElhaney Date: 11/19/87

Reviewed By: D Mitchell Date: 11/20/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7200 SOUTH ALTON WAY • SUITE H-4
ENGLEWOOD, COLORADO 80112 • (303)741-0555

SHEET 3 OF 3

Borehole: E42A Well Number: E42A 3736?

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22					SM	SM, silty sand 40% silt 10yr 3/6, dk yeish brn, loose, non-plast, saturated Alluvium
23	22-25	2.0'				
24	23-25	1.0'				
25						(?) BEDROCK AT 25' END OF BORING
		1.0' SMPL				1' sluff
26						~~WELL~~ NDA SEEMED to 25' FOR WELL DEPTH w/ 10" I.D. H.S. Auger 8¼ ID Auger JLR

NDA

Drill Site Geologist: _____ Date: _____

Reviewed By: Donald L. Reid Date: 4/16/87

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

WELL CONSTRUCTION SUMMARY

Borehole E44A Well 37373

Project Name and Location KMA Offsite - CO 2 Project Number 1705304510

Drilling Company Boyles Bros Driller V. Jarvis Rig Number B57

Drilling Method(s) Continuous Core

Borehole Diameter 12 1/4 in. ____ cm. 0 ft. ____ cm. to 26 ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 3 1/4" + 12" DAM hollow stem auger

Size and Type PVC 4" schedule 80

Total Borehole Depth	25.7 ft. ____ cm.	Sampling Method(s)	Continuous Core
Depth to Bedrock	25 ft. ____ cm.	Date/Time Start Drilling	1/20/87 1038
Depth to Water	3 ft. ____ cm.	Date/Time Finish Drilling	1/20/87 1228
Water Level Determined By	Field observation	Date/Time Start Completion	1/20/87 1348
Length Plain PVC (total)	16.96 ft. ____ cm.	Date/Time Cement Protective Casing	1/20/87 1521
Length of Screen	21.40 ft. ____ cm.	Materials Used	7-4' TUBES 3 BOXES
Total Length of Well Casing	28.36 ft. ____ cm.	Plain PVC	1 - 10'
PVC Stick Up	2.7 ft. ____ cm.	Slotted PVC	2 - 10'
Depth to Bottom of Screen	25.7 ft. ____ cm.	Bentonite Pellets	1 1/2 buckets
Depth to Top of Screen	4.3 ft. ____ cm.	Bentonite Granular	10#
Depth to Top of Sand	3.3 ft. ____ cm.	Cement	1 bag
Depth to Top of Bentonite	2.0 ft. ____ cm.	Sand	13 1/2 bags
		Water added during completion	3 gal
		Water added during drilling	0
		Total Gallons of water added	3 gal

Drill Site Geologist D.A. Mannan Date 1/20/87 DAM

Date/Time/Personnel	Internal Mortar, Cement Pad, and Weep Hole Installed	4/14/87 JWF
Date/Time/Personnel	Casing Painted JWF BAG	4/15/87 1009
Date/Time/Personnel	Numbers Painted JWF BAG	4/15/87 1009

Materials Used ____

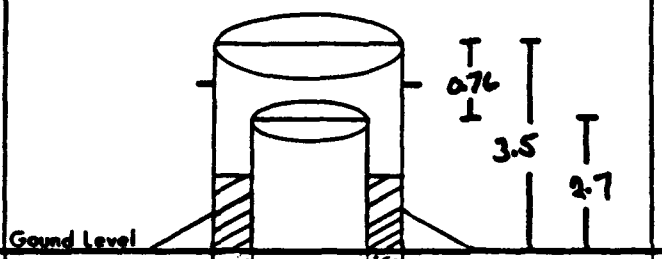
Top of Protective Casing to Top of PVC	.76 ft. ____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	2.4 ft. ____ cm.	
Top of Protective Casing to Internal Mortar	2.4 ft. ____ cm.	
Top of Protective Casing to Top of Cement Pad	2.8 ft. ____ cm.	
Top of Protective Casing to Ground Level	3.5 ft. ____ cm.	

Reviewed By Joseph L. Reed Date 4/20/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0936

Borehole: 11A Well: 37373

Depth-Feet	Soil/Rock Type	Well Completion	Description
0			
2			Top of bentonite (2.0)
4			Top of sand (3.3) Water level (3.5) Top of screen (4.3) / Joint
6			
8			
10			
12			
14			
16			
18			
20			
22			
24			
25.7			Bottom of screen (25.7)
26			

Drill Site Geologist: D. Linda Mann Date: 4/20/87
Reviewed By: Joseph L. Reed Date: 4/20/87

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

WELL CONSTRUCTION SUMMARY

Borehole F-44-081 Well 37398

Project Name and Location RMA Monitor Well Install. Project Number T39

Drilling Company Eagle Base Driller Tom High Rig Number Mobile B-61

Drilling Method(s) 3¼" ID 6½" OD Hollow stem auger with Moss sampler, then reamed with 12¼" OD Hollow stem Auger with center bit

Borehole Diameter 6½ in. ____ cm. 0 ft. ____ cm. to 24.0 ft. ____ cm.

Reamed 12¼ in. ____ cm. 0 ft. ____ cm. to 25.0 ft. ____ cm.

Size(s) and types of Bit(s) 6½" OD + 12¼" OD Auger bits

Size and Type PVC 2" sch 40 .020 slot

Total Borehole Depth	25.0 ft.	____ cm.	
Depth to Bedrock	23.7 ft.	____ cm.	
Depth to Water	2.2 ft.	____ cm.	
Water Level Determined By	measuring to surface		
Length Plain PVC (total)	6.11 ft.	____ cm.	
Length of Screen	20.29 ft.	____ cm.	
Total Length of Well Casing	26.40 ft.	____ cm.	
PVC Stick Up	2.70 ft.	____ cm.	
Depth to Bottom of Screen	23.70 ft.	____ cm.	
Depth to Top of Screen	3.41 ft.	____ cm.	
Depth to Top of Sand	2.50 ft.	____ cm.	
Depth to Top of Bentonite	1.50 ft.	____ cm.	

Sampling Method(s) Continuous - Moss System

Date/Time Start Drilling 3/22/88 1042

Date/Time Finish Drilling 3/23/88 1048

Date/Time Start Completion 3/23/88 1123

Date/Time Cement Protective Casing 3/23/88 1440

Materials Used ~~3/23/88 1048~~ SP

Plain PVC 1-10' sect. (wt)

Slotted PVC 2-10' sections, 1 end cap, 1 typical

Bentonite Pellets 1 bucket

Bentonite Granular ½ bag

Cement 2 bags

Sand 14 bags

Water added during completion 0

Water added during drilling 50 gal

Total Gallons of water added 50 gal

Drill Site Geologist Steve Pavlik Date 4/1/88

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 3/25/88 1330 BW & RR

Date/Time/Personnel Casing Painted 3/25/88 1400 BW & RR

Date/Time/Personnel Numbers Painted 3/25/88 1530 BW & RR

Materials Used 12 bags of Sakrete

Top of Protective Casing to Top of PVC	0.38 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	2.38 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	2.40 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	2.5 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.7 ft.	____ cm.	

Reviewed By [signature] Date 4.5.88

Drill Site Geologist Steve Pavlik Date 4-8-88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7335 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0030

Borehole: EPA E-44-081 Well: 37398

Depth-feet	Soil/Rock Type	Well Completion	Description
		8" Steel; 1.4; 2.7; 2.7; 2" PVC; Gound Level; PVC Joints; ▼ water at 2.2'; 3.41'; 13.52'; 12" borehole	brown from 0-1.5' 1.5' TOP of bentonite 2.51 TOP of SAND 3.41' TOP of Screen 23.7' Bottom of Screen Top of Bedrock 25.0' TOTAL DEPTH

Drill Site Geologist: S. Law Date: 4.1.88

Reviewed By: [signature] Date: 4.8.88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 1 OF 3

Borehole: E-44 OB-1 Well Number: OB-1 37398

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0	0 [2	.4/2		0 ↓ 2	SC	Clayey Sand, 35% clay 10YR 3/2 very dark grayish brn, fine to medium sand moist, low plastic, med stiff
2	2 1 4	1.9/2.0		SS 2 ↓ 4	SM	SM/silty sand fine to medium, 20% silt 10YR 3/3 dark brown, low plastic, soft, very moist 6-
4	4 ↓ 6	1.7/2		4 ↓ 6		Saturated at 4' Same as above
6	6 SC 12 ↓ 9	2/2		6 ↓ 8	SC	SC ~~Sandy~~ clayey Sand, fine to coarse, 30% clay 2.5Y/5/2-4 light olive-grayish brn, med plastic soft
8	8 ↓ 10	2/2		8 ↓ 10		From 9.5 to 10 interbedded with thin lenses of fine to medium sands

Drill Site Geologist: [signature] Date: 4-15-88

Reviewed By: [signature] Date: 4/20/88

ESE

SHEET 1 OF 3

Borehole: F-44 031 Well Number: GB-1 37398

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
10						
10	10		10	10	SP	Sand fine to medium, 10% silt, 10YR 6/8 brownish yellow, saturated, loose, non-plast.
VL		1.5/2				
12	12		12	12		
	12	1/2		12		
13						
	14			14		
14	14			14		NO Recovery 14 feet to 19.4 feet flowing sands
15		0/2		6		
				16		
16	16					
	16	0/2		16		
17				18		
18	18					
		1/2		18		
19						
	20			20	SP	Sand-fine to medium 2.5Y 5/4 light olive brown, saturated, loose
20						

Drill Site Geologist: [signature] Date: 4-15-84

Reviewed By: [signature] Date: 4/20/84

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0039

SHEET 3 OF 3

Borehole: E-44 08-1 Well Number: 37398

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
20	20	2/4		20	SP	↓ Same as above
21	↓			↓	↓	
22	22					
	24					
23	↓					
23.7	24			24		23.6 Bedrock = Claystone weathered 2.5Y 6/6 olive yellow

Drill Site Geologist: [signature] Date: 4·15·88

Reviewed By: [signature] Date: 4/20/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7339 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-44 OB-2 Well 37399

Project Name and Location RMA OFFPOST SECT. 14 Project Number TASK 39

Drilling Company Boyles Bros. Driller Tom Nisbet Rig Number B-61 Auger rig

Drilling Method(s) Auger w/ Moss System in 6¼" OD Hollow Stem Augers, then ream hole w/ 12" OD. auger.

Borehole Diameter 12 in. ____ cm. 0 ft. ____ cm. to 24 ft. ____ cm.

____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

Size(s) and types of Bit(s) 6¼" OD. hollow stem auger, 12" OD. auger.

Size and Type PVC 2" Sch. 40

Total Borehole Depth	24 ft.	____ cm.	
Depth to Bedrock	22.8 ft.	____ cm.	
Depth to Water	2.4 ft.	____ cm.	
Water Level Determined By	Solinst water level meter.		
Length Plain PVC (total)	6.42 ft.	____ cm.	
Length of Screen	20.28 ft.	____ cm.	
Total Length of Well Casing	26.70 ft.	____ cm.	
PVC Stick Up	2.65 ft.	____ cm.	
Depth to Bottom of Screen	24.05 ft.	____ cm.	
Depth to Top of Screen	3.77 ft.	____ cm.	
Depth to Top of Sand	2.1 ft.	____ cm.	
Depth to Top of Bentonite	0.5 ft.	____ cm.	

Sampling Method(s) Moss System w/ hollow stem Aug

Date/Time Start Drilling 3-24-88 / 0940

Date/Time Finish Drilling 3-24-88 / 1324

Date/Time Start Completion 3-24-88 / 1403

Date/Time Cement Protective Casing 3-24-88 / 1500

Materials Used 8" Surface casing.

Plain PVC (1) 10 ft. section

Slotted PVC (2) 10 ft. sections

Bentonite Pellets ½ bucket

Bentonite Granular N/A

Cement 2 bags.

Sand 12 bags

Water added during completion 0

Water added during drilling 50 gal

Total Gallons of water added 50 gal

Drill Site Geologist _____ Date 3/25/88

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 3/25/88 1430 BW & RR

Date/Time/Personnel Casing Painted 3/25/88 1500 BW & RR

Date/Time/Personnel Numbers Painted 3/25/88 1530 BW & RR

Materials Used 12 bags sample

Top of Protective Casing to Top of PVC	0.53 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	2.29 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	2.38 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	2.67 ft.	____ cm.	
Top of Protective Casing to Ground Level	3.18 ft.	____ cm.	

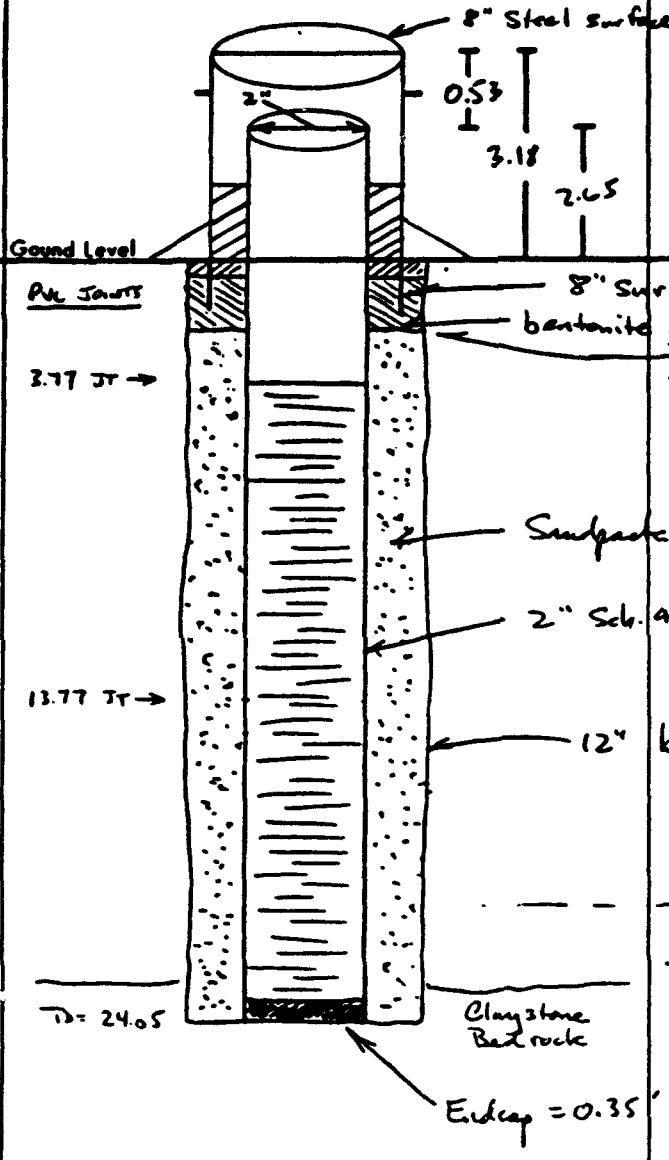
Reviewed By _____ Date 3/27/88

Drill Site Geologist _____ Date 3/25/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7338 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-44 08-2 Well: 37397

Depth-Feet	Soil/Rock Type	Well Completion	Description



Drill Site Geologist: [signature] Date: 3/25/88

Reviewed By: [signature] Date: 3/22/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7100 SOUTH ALTON WAY • SUITE H-4
ENGLEWOOD, COLORADO 80112 • (303) 741-0330

SHEET 1 OF 3

Borehole: E-44082 Well Number: 37399

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
		1.5/2.0			SC	Clayey SAND, 30% clay, fine to medium grained sand, 10YR 3/3, dark brown, moist, low plastic, medstiff
2		1.6/2.0			SM	Silty SAND, 30% silt, fine to medium grained SAND 10YR 3/3 dark brown, saturated, non plastic
					SC	Clayey sand, 25% clay, fine to medium grained sand 10YR 3/3 dark brown, saturated, low plastic
4		1.0/2.0				
6		2.0/2.0				
					SC	Clayey SAND, 35% clay, fine to coarse grained sand, 10YR 4/3 brown, moist, stiff, medium plastic
8						No Recovery 8' to 18' SP 20'
10						

Drill Site Geologist: [signature] Date: 3/25/88

Reviewed By: [signature] Date: 3/27/88

Leonard

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7292 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: F44082 Well Number: 37399

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
10						No Recovery 8 to 20'
12						
14						
16						
18						
20						

Drill Site Geologist: [signature] Date: 3/25/88

Reviewed By: [signature] Date: 3/27/88

Leonard

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7000 SOUTH ALTON WAY • SUITE M-J
ENGLEWOOD, COLORADO 80112 • (303) 741-0808

SHEET 3 OF 3

Borehole: E-44 DB1 Well Number: 37399

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
20					SP	SAND, 3% silt, medium to very coarse grained 10YR 6/4 brownish yellow, saturated, loose
22						
					22.5'	sandstone bedrock, fine grained, silty, 2.5Y 5/4, light olive brown, weathered. 22
24						TOTAL DEPTH 24.0'

Drill Site Geologist: [signature] Date: 3/25/88

Reviewed By: [signature] Date: 3/27/88

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7388 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-46A Well E-46A 37377

Project Name and Location Tank 46 Yard N, Yard E or Project Number 17055.074.10

Drilling Company Boyles Bros Driller Dave Jarvis Rig Number

Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. cm. 0 ft. cm. to 39.5 ft. cm.

in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s)

Size and Type PVC 4" Screen .020

Total Borehole Depth 39.5 ft. cm.

Depth to Bedrock 39.5 ft. cm.

Depth to Water 27.5 ft. cm.

Water Level Determined By Previous Boring

Length Plain PVC (total) 25.4 ft. cm.

Length of Screen 16.23 ft. cm.

Total Length of Well Casing 41.65 ft. cm.

PVC Stick Up ≈2.7 ft. cm.

Depth to Bottom of Screen 38.90 ft. cm.

Depth to Top of Screen 22.68 ft. cm.

Depth to Top of Sand 21.7 ft. cm.

Depth to Top of Bentonite 17.8 ft. cm.

Sampling Method(s) no sampling

Date/Time Start Drilling 3/6/87 11:30

Date/Time Finish Drilling 3/6/87 1400

Date/Time Start Completion 3/6/87 1400

Date/Time Cement Protective Casing 3/10/87 10:00

Materials Used

Plain PVC 3 - 10' sections

Slotted PVC 1-10' 1-5'

Bentonite Pellets 4 Buckets

Bentonite Granular -

Cement 10 Bags ARRIVED 1400 3/6 50 Bags

Sand 8 BAGS

Water added during completion - 5 Bbl to Swell Bentonite

Water added during drilling -

Total Gallons of water added - 5.0

Drill Site Geologist Greg Lukes Date 3/6/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed [Internal Mortar & Cement Pad 4/8/87/0930/K. Pacheco, M. Westcott]

Date/Time/Personnel Casing Painted 4/9/87/1100 K. Pacheco, M. Westcott

Date/Time/Personnel Numbers Painted 4/15/87 1031 JWF BAG

Materials Used 12 bags quickrete cement, [1/4 portland cement, 1/2 bag silica sand mortar]

Top of Protective Casing to Top of PVC	.32 ft.	cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.5 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.19 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	2.72 ft.	cm.	
Top of Protective Casing to Ground Level	2.72 ft.	cm.	

Reviewed By Joseph L. Reed Date 4/23/87

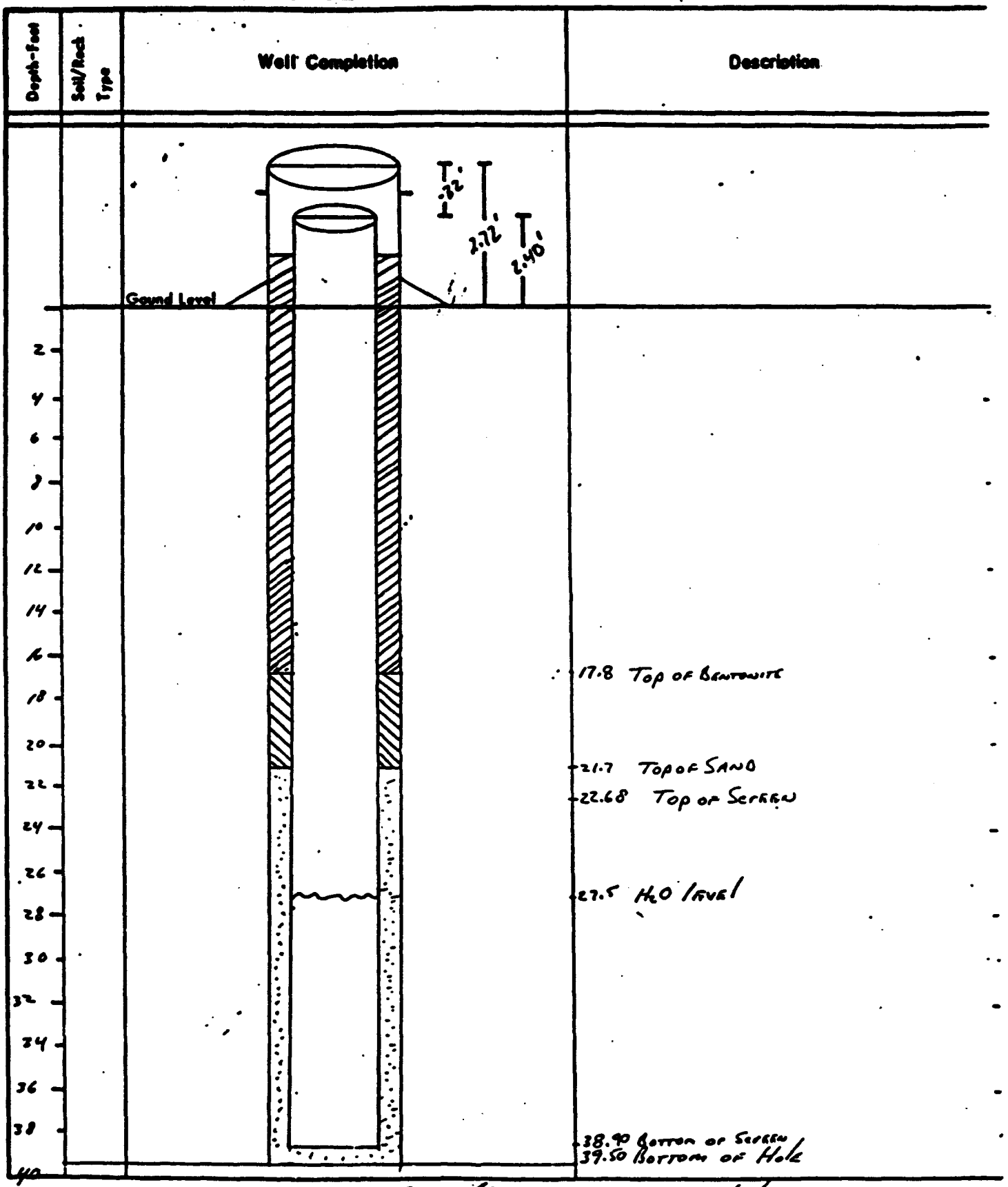
Drill Site Geologist Date

ESE

PAGE 1 OF 2

Borehole: E-9th

Well: E-9A-1 37577



Drill Site Geologist: Greg Lt

Date: 3/9/87

Reviewed By: Joseph Reed

Date: 4/23/87

IRG Lakewood, Colorado

Date APRIL 17, 1987

Company ESE

Bore Hole E-46

Area/Project RMA

County ADAMS COUNTY | State COLORADO

Section | Township | Range | Elevation

Log Measured From Ground Level

Drilled Depth 116 FT | Log Run No. 0815

Bit Size 3 7/8" | Density

Casing Depth PVC to 41 FT | Time In 0750

Fluid in Hole Native mud | Unit No. 110

Density/Viscosity | pH | Operator Wm. Linton

Drilling Measured From Ground Level | Location Lakewood

EQUIPMENT DATA

T.D. Logged 114 FT

Natural Gamma 200 Scale = 20 CPS per inch

Time Constant 2 Sec | Logging Speed 15 F/Min

Caliper Source No/Value CPS

Probe No 103-1041 | Probe Diameter 1 5/8"

Crystal Type - Size xtal 3/4 x 1 1/4"

K Factor 1.60 x 10^{-6} | Dead Time 7 Microsec

Water Factor 1.10 | Hole Size 3 7/8"

Casing Factor | Hole Size

Resistance 20 ohms/5" Ohms per 5 Inches

S.P. 16 MV/Inch MV per Inch

NATURAL GAMMA RERUNS (ANALOG) (pencil log off scale)

Scale	CPS/in	Scale
T.C. Sec	Logging Speed F/Min	T.C.
From Ft	To Ft	From Ft
Total Ft		Total Ft

Scale	CPS/in	Scale
T.C. Sec	Logging Speed F/Min	T.C.
From Ft	To Ft	From Ft
Total Ft		Total Ft

Scale	CPS/in	Scale
T.C. Sec	Logging Speed F/Min	T.C.
From Ft	To Ft	From Ft
Total Ft		Total Ft

Scale	CPS/in	Scale
T.C. Sec	Logging Speed F/Min	T.C.
From Ft	To Ft	From Ft
Total Ft		Total Ft

11

Gamma (Analog) Ft | Density Source No

Gamma (Digital) Ft | Type Size

Caliper Ft | CPS/inch

Temperature Ft

DIRECTIONAL DATA | Neutron Source No

Closure Ft | Type Strength

Azimuth | CPS/inch

True Vertical | Survey Depth Ft

NATURAL GAMMA — 20 CPS — Logarithmic Log

S.P. — − 15 MV +

RESISTANCE — 20 OHMS/5 Inches

0 20 40 60 COUNTS PER SECOND

True Vertical

Survey Depth

NATURAL GAMMA

20 CPS

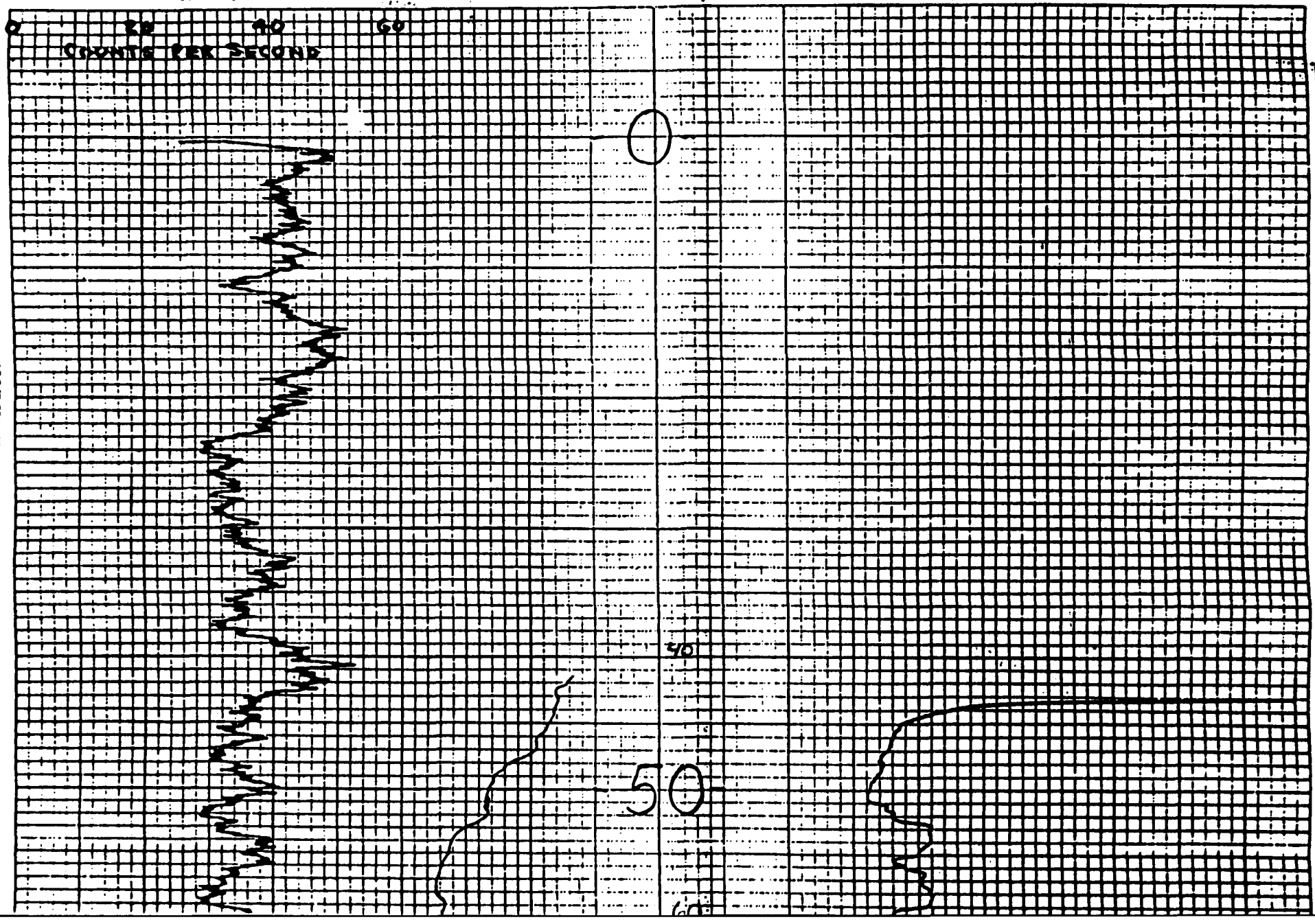
Gamma Log

S.P.

\- 15 MV +

RESISTANCE

20 OHMS/ 5 Inches



60
70
80
90
100
1/4"
RESISTANCE
20 OHMS/SQUARE
SP
NATURAL
GAMMA
0
COUNTS PER SECOND
FRONTIER LOGGING CORPORATION

RESISTANCE
200 OHMS/IN.
SP
NATURAL GAMMA
15 MV/INCH
46
3142

ESE, Inc. CORE LOG By CDB Date 4-21-89 BORE E-46 Well(s) _____ Page 1 of 4

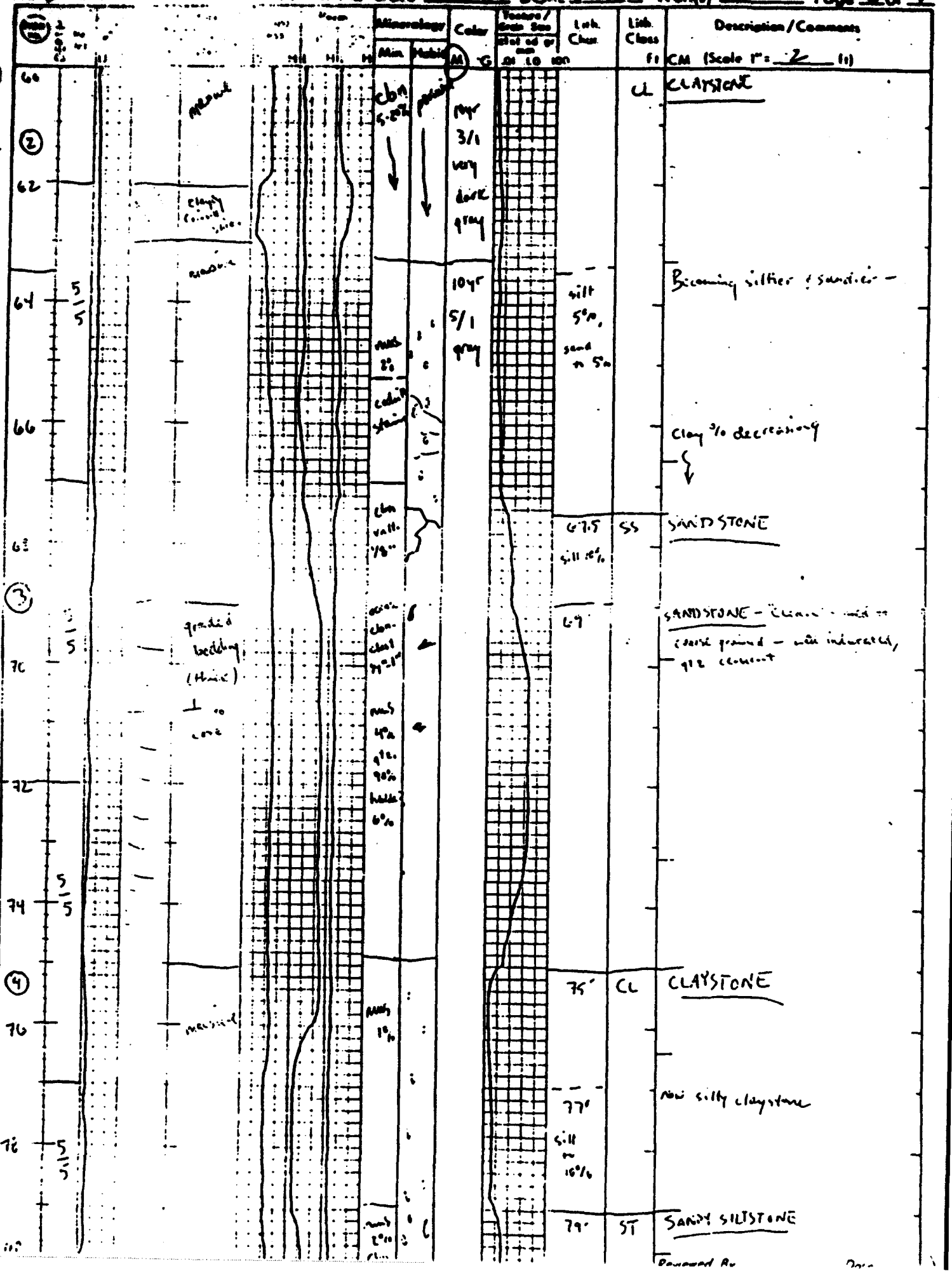
Core	Depth	Rec Int.	Quality U	Quality S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Hardness H/L	Perm. 1° H/L	Perm. 2° H	Mineralogy Min.	Mineralogy Habit	Color M	Color G	Texture/Grain Size clist od or mm .05 LO 100	Lith. Chgs.	Lith. Class Fl	Description/Comments CM (Scale 1" = 2 ft)
	40																	BEGIN SAMPLING AT 41' — SEE SOILS LOG FOR 0-41' GEOLOGY
																	CL	CLAYSTONE
	42												10yr 7/1 lt. gray					
		4 / 5				massive					Lime: burrows	sm fracs						
	44																	
																		45' Approx. oxidation boundary
	46																	
						fracs abundant							10yr 5/1 gray					
	48	5 / 5																
1		1.6 / 5																
	50																	
						silt ~1.5'												
	52	2.3 / 3				massive					Cl							
											mod. 2%					53' mud/silt to 5%		SILTSTONE
	54	3 / 5														54	ST	2' of recovery from whole
																Clay to up 10%, mud up to 10%		
2	56										clay 2%							
											Fossil (1-2)							
	58	1.2 / 5														59	CL	CLAYSTONE

BORE E-46 WELL(S)

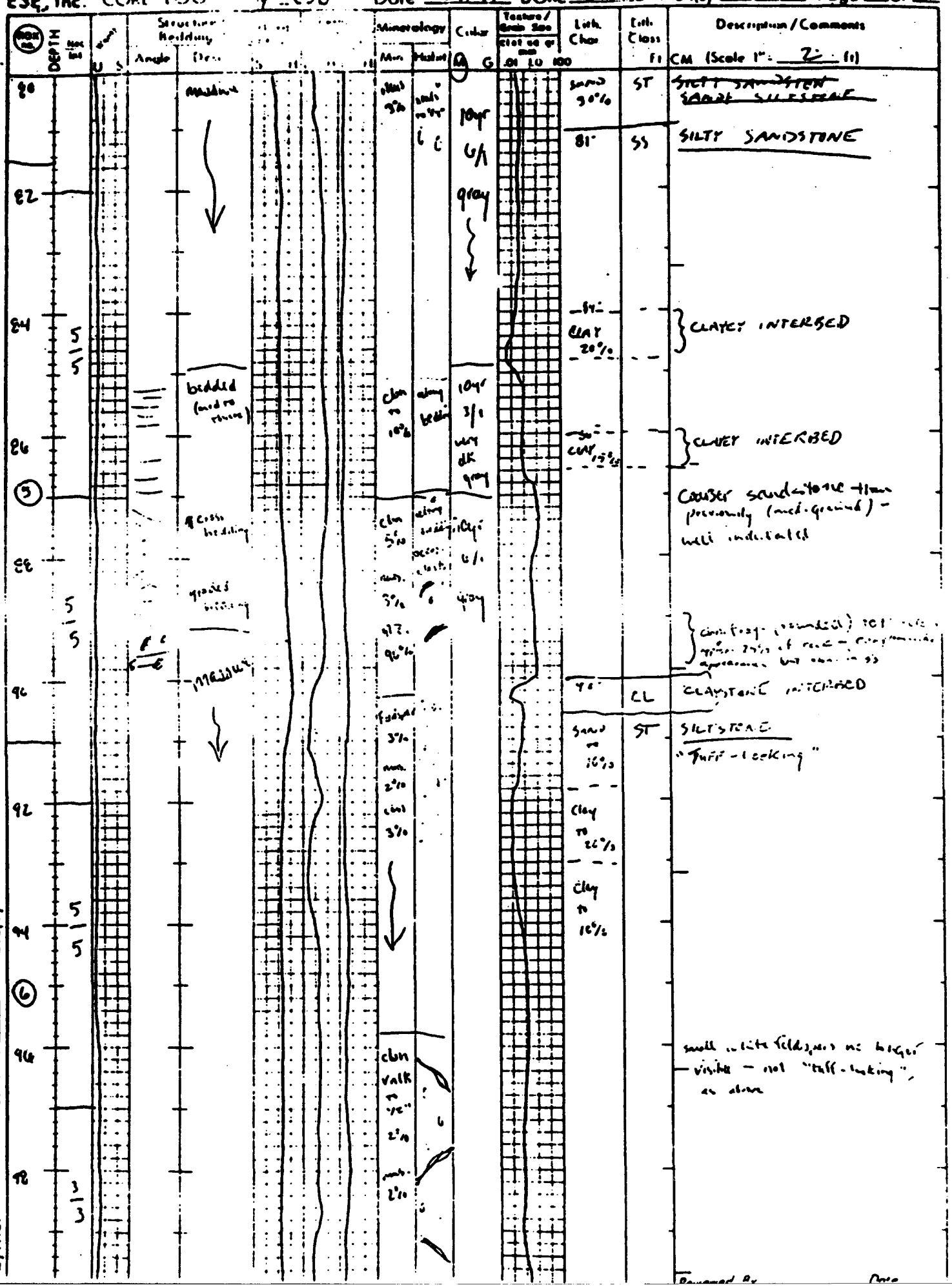
ESE, Inc.

Reviewed By _____ Date _____

BORE E-5W WELL(S)



ESE, Inc. CORE LOG Project CDB Date 4-16-91 BORE E-46 Well(s) _____ Page 2 of 4



Reviewed By _____ Date _____

ESE

SHEET 1 OF 4

Borehole: E-46A Well Number: 37377

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
0.0	0-2'	1'	NA	0-2'	ML	ML Sandy-silt, 30-35% f. gr. sand, 10YR 5/2-3, grysh brn., non-plas. loose, dry, alluvium.
1.0						
2.0						
2.6	2-4'	1.6'		2-4'		At 2.6' color changes to 10YR 5/3-4, brn., moisture increases to slightly moist.
3.0						
4.0						
4.5	4-5.5'	1.5'		4-5.5'		
5.0						At 5.0' color changes to 10YR 5/4-6, yrsh brn., natural density increases to med. dense.
5.5						
6.0	5.5-6.5'	1'		~~5.5-6.5'~~		
6.5						At 6.5' percent f.g. sand increases to ~15%, color changes to 10YR, 6/4-6, light yrsh. brn.
7.0	6.5-8.5'	2'		6.5-8.5'		
8.0						
8.5						
9.0	8.5-12.5	4'		8.5-13.5		
10.0						
11.0						

Drill Site Geologist: A.E. Ostby Date: 3/12/87

Reviewed By: Joseph L. Reed Date: 4/16/87

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7222 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 2 OF 4

Borehole: E-46A Well Number: 37377

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Mowry Coarse
11.0	5.5-12.5'	4'	NA	5.5-13.5'	ML	At 11.0', percent f.gr. calc. sand decreases to ~5%.
12.0						
12.5	12.5-13.5'	1'				
13.0						
13.5	13.5-17.5'	3'		13.5-18'		
14.0						
15.0						
16.0					SM	SM silty-sand, ~30% silt, 10YR 4/4-6, dk. yrsh brn., non-plas, loose, moist alluvium.
17.0	17-18'	1'				
18.0				18-22'		
19.0	18-21'	2.2'			ML	ML sandy-silt, ~15-20% v.f.gr. sand, 10YR, 5/3-4, brn., non-plas, loose, moist, alluvium
20.0						
21.0	21-22'	1'		SA		
22.0						

Drill Site Geologist: [signature] Date: 3/12/87

Reviewed By: Joseph L. Reed Date: 4/16/87

ESE

SHEET 3 OF 4

Borehole: E-44d Well Number: 37377

Depth-feet	Tube Number / Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
22.0	22 - 23.5'	1.5'	NA	22 - 23.5'	ML	
23.0						
23.5						
24.0	23.5 - 27.5'	2.3'		23.5 - 28.5'		
25.0						
26.0						
27.0						
27.3						
27.5					SM	SM silty-sand, ~15-20% silt, 10 YR 6/3-4, light yellowish brn, non-plas, loose, wet, alluvium ... NTE 27.8
27.8	27.5-28.5	1'				At 27.8, percent silt decreases to 2-3%, 95% coarse gr. sand, moisture increases to saturated.
28.0						SP or SW?
28.5						
29.0	28.5 - 32.5'	1'		28.5 - 32.5		
30.0						
31.0						
32.0						~~At 32.0 silt clay to 10 YR, 6/3, light brownish~~ SM.
32.5	32.5 - 34	0.5'		32.5 - 34		
33.0						

Drill Site Geologist: Bob Smith Date: 3/12/87

Reviewed By: Joseph L. Reed Date: 4/16/87

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7202 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

SHEET 4 OF 4

Borehole: E461 Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
33.0	32.5-34	0.5'	NA	32.5-34	SM	
34.0						At 34.0', color changes to 10YR, 6/2, light brownish gray.
35.0	34-37	1'		34-39		
36.0						
37.0						At 37.0', color changes to 10YR, 5/3-4, brn.
38.0	37-39	0.6'				
39.0						NO RECOVERY
40.0	39-42	0'		39-42		AUGER LOSS
41.0						
42.0						
42.5	42-42.8	0.8'		42-42.8		At 42.5' natural density changes to v. dense, fine to med. gr. sandstone / bedrock
42.8						
43.0						END OF BORING LOG
						ACO
44.0						

Drill Site Geologist: Robert Stelle Date: 3/12/87

Reviewed By: Joseph L. Reed Date: 4/16/87

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7982 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-47A **Well** E-47A 37378

Project Name and Location Rocky Flats Plant 903 Pad **Project Number** 17053074.10

Drilling Company Boyles Bros **Driller** Dana Travis **Rig Number**

Drilling Method(s) Auger

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 25.5 ft. cm.

in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s)

Size and Type PVC 4" Screen .020

Total Borehole Depth	35.5 ft. cm.	**Sampling Method(s)**	Continuous Split Spoon
Depth to Bedrock	35.0 ft. cm.	**Date/Time Start Drilling**	3/5/87 0830
Depth to Water	20.0 ~~28.0~~ JR ft. cm.	**Date/Time Finish Drilling**	3/5/87 1400
Water Level Determined By	Samples	**Date/Time Start Completion**	3/5/87 1400
Length Plain PVC (total)	26.5 ft. cm.	**Date/Time Cement Protective Casing**	3/5/87 1600
Length of Screen	10.9 ft. cm.	**Materials Used**	9 - 4' tubes 4 boxes
Total Length of Well Casing	37.4 ft. cm.	**Plain PVC**	3-10' sections
PVC Stick Up	2.7 ft. cm.	**Slotted PVC**	1-10' section
Depth to Bottom of Screen	34.7 ft. cm.	**Bentonite Pellets**	4 buckets
Depth to Top of Screen	23.8 ft. cm.	**Bentonite Granular**	0
Depth to Top of Sand	22.3 ft. cm.	**Cement**	10 bags
Depth to Top of Bentonite	18.8 ft. cm.	**Sand**	8.5 bags
		Water added during completion	0 5 gals to wash bentonite
		Water added during drilling	0
		Total Gallons of water added	0 5

Drill Site Geologist Greg Lehn **Date** 3/5/87

Date/Time/Personnel · Internal Mortar, Cement Pad, and Weep Hole Installed [mortar & Cement Pad 4/8/87/1600/K Pachco M. Westcott 11:35 RJC] ! weep hole 04/19/89

Date/Time/Personnel Casing Painted 4/9/87 / 1100 / K. Pacheco, M. Westcott

Date/Time/Personnel Numbers Painted ~~4/9/87~~ 4/15/87 0945 JJF BAG

Materials Used 9 bags quickcrete, [1/4 bag portland, 1/2 bag silica sand, mortar]

Top of Protective Casing to Top of PVC	≈3.5 ft. cm.	**COMMENT/NOTES**	
Top of Protective Casing to Weep Hole	2.1 ft. cm.		
Top of Protective Casing to Internal Mortar	2.3 ~~2.5~~ JJF ft. cm.		
Top of Protective Casing to Top of Cement Pad	2.6 ft. cm.		
Top of Protective Casing to Ground Level	3.0 ft. cm.		

Reviewed By Joseph L. Reed **Date** 4/20/87

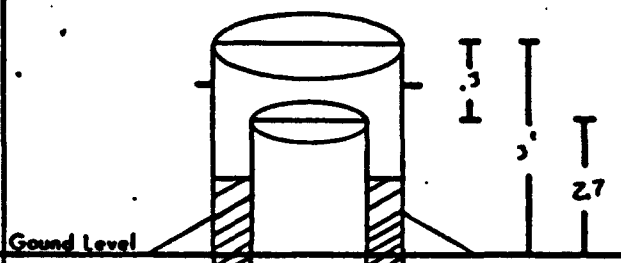
Drill Site Geologist **Date**

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-47A

Well: E-47A 37378 SR

Depth-Feet	Soil/Rock Type	Well Completion	Description



2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36

18.8 Top of Bentonite

22.8 Top of Sand

23.3 Top of screen

28' H_2O

34.7 Bottom of Screen

35.5 Bottom of Hole

Drill Site Geologist: Gary Thompson Date: 3/6/87

Reviewed By: Joseph L. Reed Date: 4/20/87

ESE

SHEET 1 OF 4

Borehole: E-4/7A Well Number: 37378

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description MUNSELL COLORS
0.0	0-2	2'	NA	0-2	ML	ML sandy-silt, 15-20% v.f.-gr. sand, 10YR, 4/4-6, dk. yowsh. brn., non-plas., loose, slightly moist alluvium.
1.0						
2.0	2-4	1.6'		2-4		At 2.0' color changes to 10YR, 6/2-3, pale brn., moisture decreases to dry.
3.0						
4.0	4-5.5	1.2'		4-5.5		At 4.0' color changes to 10YR, 5/6-8, yowsh brn., moisture increases to moist, percent sand increases to ~40% v.f.-gr. sand.
5.0						
5.5	5.5-7.5	1.6'		5.5-7.5		
6.0						
7.0						
7.5	7.5-9.5	2'		7.5-9.5		At 8.0' color is mottled w/ 10YR, 7/2-3, v. pale brn, ~30% calc. sand.
8.0						
9.0						
9.5	9.5-11.5	2'		9.5-11.5		At 10.0', percent of calc sand decreases to 5%.
10.0						
11.0						

Drill Site Geologist: A.E. Stills Date: 3/13/87

Reviewed By: Joseph L. Reed Date: 4/16/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7500 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0555

SHEET 2 OF 4

Borehole: E-47A Well Number: 37378

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Muncell Colors
11.0	SM-11-5½	2'	NA	SM-11-5½	ML	
11.5	11.5 - 13.5	1.6'		11.5 - 13.5	SM	SM silty-sand, ~30% silt, 10YR, 5/6-8, yowk. brn., non-plas., loose, moist, alluvium.
12.0						
13.0						
13.5	13.5 - 15.5	1'		13.5 - 15.5		At 14.0', percent of silt decreases to ~ 15%.
14.0						
15.0						
15.5	15.5 - 17.5	1.35		15.5 - 17.5		At 17.0', percent of silt decreases to ~ 5-10%.
16.0						
17.0						
17.5	17.5 - 19.5	1.2'		17.5 - 19.5		
18.0						
19.0					SP	SP Gravelly-sand, 20% quartzite gravel, 60% coarse gr. san 20% silt, 10 YR, 5/3-4, brn, non-plas, loose, moist, alle
19.5	19.5 - 21.5	1.5'		19.5 - 21.5	SM	SM silty-sand, ~5% silt, 10 YR, 6/3-4, ~~brown to pale brown~~, non-plas, loose, moist, alluvium.
20.0						
21.0						
21.5	21.5 - 22.5	1'		21.5		
22.0						

Drill Site Geologist: [signature] Date: 3/13/87

Reviewed By: Joseph L. Reed Date: 4/16/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.

SHEET 3 OF 4

Borehole: E-41A Well Number: 37378

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL COLORS
22.0	21.5 - 23.5	1'	NA	21.5 - 23.5	SM	
23.0						At 23.5' color changes to 10 YR, 6/6-8 brownish yellow.
23.5	23.5-24	0.5'		23.5-24		
24.0	24 - 25.5	1.1'		24 - 25.5		
25.0						
25.5	25.5 - 27.5	2'		25.5 - 27.5	SC	SC Clayey-sand, ~ 30-40% clay, 10 YR, 7/2-3, v. pale brn., slightly plas., soft, moist, alluvium
26.0						
26.5						
27.0						
27.5						WT @ 28'
28.0	27.5 - 29.5	1.2'		27.5 - 29.5	SM	SM silty-sand, ~ 20% silt, 10 YR, 5/4-6, yeish. brn., non-plas., loose, saturated alluvium
29.0						
29.5	29.5-30.5	1'		29.5-30.5		
30.0						
30.5	30.5 - 32.5	1.3'		30.5 - 32.5		
31.0						At 31.0', percent silt decreases to 5-10%.
32.0						
32.5	32.5-34	0'		32.5-34		NO RECOVERY - AUGER LOSS
33.0						

Drill Site Geologist: [signature] Date: 3/13/87

Reviewed By: Joseph L. Reed Date: 4/16/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7598 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0808

SHEET 4 OF 4

Borehole: K-47A Well Number: 37379

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL COLORS
33.0	32.5-34	0'		32.5-34		NO RECOVERY - AUGER LOSS
34.0					SM	
34.8	34-36	2'		34-36	CL	CL silty-clay, 20-30% silt, ~~10-15%~~ 5YR, 5-6/1, gray w/ 5YR, 5/6 yrwish red weathering, slightly plas., mod. stiff, wet, bedrock.
35.0						
36.0						END OF BORING LOG
37.0						
38.0						
39.0						
40.0						AUGER
41.0						
42.0						
43.0						
44.0						

Drill Site Geologist: _____ Date: 3/13/87

Reviewed By: Joseph L. Reed Date: 9/16/87

EGE ENVIRONMENTAL SCIENCES AND ENGINEERING, INC.

SHEET 1 OF 4

BR. = 23.5'

Borehole: E-63A Well Number: 37389 PRS 9/15/87

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0						
1	1'-2'	2.0'	N/A	1'-2'	ML	ML - clayey silt. ~20% clay. 10YR3/3 dk brown. Loose. Slightly plastic. Moist. Alluvium. Occasional white inclusions.
2						
3	3'-4'	1.5'		3'-4'	SM	SM - silty sand. ~20% silt in f. gr. sand. 10YR 4/4 dk yellowish brown. Loose. Non-plas. Wet. Alluvium.
4						
5	4'-6'	2.0'		4'-6'	ML	ML - sandy clayey silt. ~10% f. gr. sand; ~20% clay. 10YR6/3 pale brown. Loose. Slightly plastic. Wet. Alluvium. Grades into sand below.
6						
7	6'-8'	1.3'		6'-8'		
8						~8' Water table noted in field.
9	8'-10'	1.5'		8'-10'	SM	SM - silty sand. ~15% silt in f.g. sand. 10YR 6/4 light yellowish brown. Loose. Non-plas. Wet. Alluvium
10						
11	10'-12'	2.0'		10'-12'		

~~Drill Site~~ LAB Geologist: K.J. Matthews Date: 4/29/88

Reviewed By: Joseph L. Reed Date: 7/9/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7392 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: E-63A Well Number: 97389

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11			N/A		sm	
	21-01'	0.7'		21-01'		
12						From 12'-~~23.5~~ LKim 23.5' sands become fine to medium grained.
	41-21'	1.1'		41-21'		
13						
14						
	61-41'	0.8'		61-41'		
15						
16						
	81-61'	1.1'		81-61'		
17						
18						
	22-81'	2.0'		22-81'		
19						
20						
	22-22'	2.0'		22-22'		
21						
22						

LAB
~~Drill Site~~ Geologist: K.T. Matthews Date: 4/25/87

Reviewed By: Joseph L. Reed Date: 7/9/87

ESE

Borehole: E-63A Well Number: 37389

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22						
	22'-24'	1.4'	N/A	22'-24'		Bedrock = 23.5' PRG
23						
23.5					ML	ML - clayey silt. ~40% clay. Trace f.gr. sand. 10YR 4/4 dk. yellowish brown. Loose. Slightly plas. Wet. Alluvium.
24	24'-26'	2.0'		24'-26'		At 25': Fine grain sand increases to ~10% qtz., mica.
25						
26	26'-28'	2.0'		26'-28'		
27						
28	28'-30'	2.0'		28'-30'		At 28': Fine grained sand increases to ~15%. Includes qtz, mica. Color has tint of orange; black deposits. Non-plastic.
29						
30	30'-32'	1.4'		30'-32'		
31						
32	32'-34'	2.0'		32'-34'		
33						

(AB)
~~Drill Site~~ Geologist: K.J. McGraw Date: 4/29/87

Reviewed By: Joseph L. Reed Date: 7/9/87

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7292 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

Borehole: E-63A Well Number: 39389

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
33	32'-34'	2.0'	N/A	32'-34'	ML	ML - sandy silt. ~40% f.gr. sand. Trace clay. 2.5YR5/2 grayish brown. Loose. Non-plastic. Moist. Alluvium. Interbeds with clay below.
34	34'-36'	2.0'		34'-36'	CL	CL - silty clay. ~40% silt. 10YR3/1 v.dk. gray. Med. dense. friable. Dry. Bedrock.
35						
36						End of Boring

Drill Site Geologist: K.J. Mathews Date: 4/29/87

Reviewed By: Joseph L. Reed Date: 7/9/87

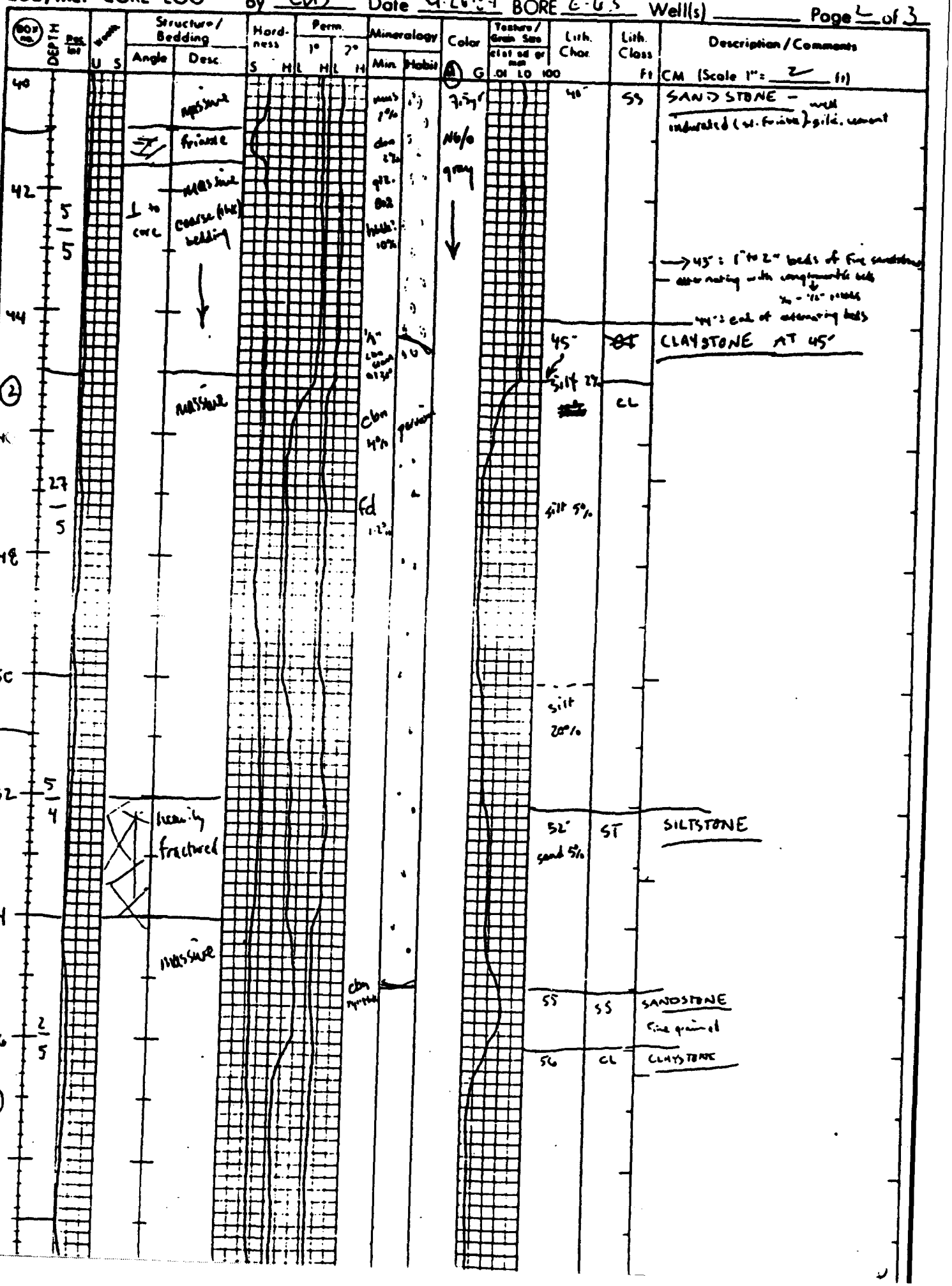
ESE, Inc. CORE LOG By CAB Date 4-26-87 BORE E-63 Well(s) _____ Page 1 of 3

Rec (%)	Depth	Run No.	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness S	Hardness M	Perm. 1° L	Perm. 1° M	Perm. 2° L	Perm. 2° M	Mineralogy: Min.	Mineralogy: Habit	Color M	Color G	Texture/Grain Size clay sd gr mm .01 LO 100	Lith. Char.	Lith. Class Fl	Description/Comments CM (Scale 1" = 2 ft)
	20																	
																		21' BEDROCK BEGINS
	22																	See Alluvium log for geology
																		CASING SET TO 26'
	24																	CEMENT TO 26'
	26		thin bedded	thin bedded, finite fracs.: 7-10/ft.							musc 2%		10yr	6/4		silt 10%	ss	SILTY SANDSTONE
	28										clay 2%		light yellowish brown					
(1)		2.5/5									Feld					29 silty 2% sandy 25%	cl	claystone interbed
	30															30 silt 7%	ss	Silty sandstone
	32										Feld							
		1.4/5																
	34										Feld							
	36		massive								clay 5%		10yr	5/1			cl	oxidation boundary at 36' claystone
		4/4												gray				
	38										musc 2%					silt	ss	silty sandstone

BORE E-63 WELL(S)

E, Inc.

ESE, Inc. CORE LOG By CDB Date 4-26-89 BORE E-63 Well(s) _____ Page 2 of 3



ESE, Inc. CORE LOG By COB Date 4.26.97 BORE E-63 Well(s) _____ Page 3 of 3

DEPTH (ft)	Rec. (ft)	U	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: Mabig	Color: M	Color: G	Texture/Grain Size: clay sd gr mm .01 .10 1.00	Lith. Char.	Lith. Class: ft	Description/Comments: CM (Scale 1" = 2 ft)
60															7.5YF			CL	CLAYSTONE
	1.8 ft				Moisture ↓										N6/0				
62															gray				
63																			63' Total Depth

E, Inc. BORE E-63 WELL(S)

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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BOREHOLE SUMMARY LOG

Borehole E-63 Well _____

Project Name and Location MW Installation - Tank 36 Project Number 1705201410

Drilling Company Boyles Driller B. Roach Rig Number Failing 25

Drilling Method(s) continuous core - rotary with bentonitic drill mud

Size(s) and type(s) of bit(s) 7 7/8"

Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 26 ft. _____ cm.

3 7/8 in. _____ cm. 26 ft. _____ cm. to 63 ft. _____ cm.

Sampling Methods core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 3

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 4-17-87 1200

Date/Time Completed Drilling 4-17-87 1408

Total Borehold Depth 63 ft. _____ cm.

Depth to Bedrock 21 ft. _____ cm.

Depth to Water 60 ft. _____ cm.

Water Level Determined By? tape

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 4-17-87 1600

Depth of Tremmie Pipe 60 feet

Gallons of Grout 50

Materials Used 50 gals. water, 5 bags cement, ½ bag bentonite

Comments _____

Wellsite Geologist C Burton Date 4-17-87

Checked for Grout Settlement on 12/1/87 by Steve Pace

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by Steve Pace Date 12/1/87

Drill Site Geologist _____ Date _____

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WELL CONSTRUCTION SUMMARY

Borehole E-63A **Well** 37589

Project Name and Location TA-V-39 **Project Number**

Drilling Company Boyles Bros **Driller** Dave Jarvie **Rig Number** 5451

Drilling Method(s) Auger

Borehole Diameter 7¼ OD in. ____ cm. 0 ft. ____ cm. to 36.0' ft. ____ cm.
reamed to 12¼ OD in. ____ cm. 0 ft. ____ cm. to 36.0 ft. ____ cm.

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

Size and Type PVC 4" Sch. 40

Total Borehole Depth	36.0 ft. ____ cm.	**Depth to Bedrock**	~34cm 35.2 ft. ____ cm.
Depth to Water	~9 ft. ____ cm.	**Water Level Determined By**	Sample saturation
Length Plain PVC (total)	10.1 ft. ____ cm.	**Length of Screen**	26.8 ft. ____ cm.
Total Length of Well Casing	36.9 ft. ____ cm.	**PVC Stick Up**	1.7 ft. ____ cm.
Depth to Bottom of Screen	35.2 ft. ____ cm.	**Depth to Top of Screen**	8.4 ft. ____ cm.
Depth to Top of Sand	7.1 ft. ____ cm.	**Depth to Top of Bentonite**	3.0 ft. ____ cm.

Sampling Method(s) 2 ft wire-line runs
Date/Time Start Drilling 4/22 1212
Date/Time Finish Drilling 4/22 1402
Date/Time Start Completion 4/23 1140
Date/Time Cement Protective Casing 4/23 1405
Materials Used ____
Plain PVC 1X10'
Slotted PVC 1X5', 2X10'
Bentonite Pellets 1½ buckets
Bentonite Granular 2 bags X50#
Cement ~~15½ bags~~ 2 bags X94#
Sand 15½ bags X94# (7 more before redrill)
Water added during completion ∅
Water added during drilling 20 gallons X0% retained
Total Gallons of water added ∅

Drill Site Geologist K.J. Mathews **Date** 4/2

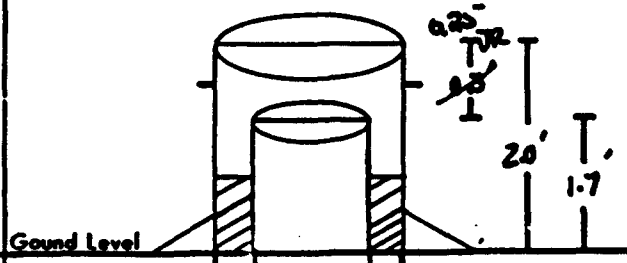
Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed RAG 5/19/87
Date/Time/Personnel Casing Painted 06 03 87 1315 PQB WTV
Date/Time/Personnel Numbers Painted 06 16 87 930 PQB DLW
Materials Used 12 Bags Quikcrete 1 Bag Sand 1 Bag Cement

Top of Protective Casing to Top of PVC	.25 ft. ____ cm.	**COMMENT/NOTES**	
Top of Protective Casing to Weep Hole	1.12 ft. ____ cm.		
Top of Protective Casing to Internal Mortar	1.15 ft. ____ cm.		
Top of Protective Casing to Top of Cement Pad	1.54 ft. ____ cm.		
Top of Protective Casing to Ground Level	1.95 ft. ____ cm.		

Reviewed By Joseph L. Reed **Date** 7/8/87
Drill Site Geologist K.J. Mathews **Date** 7/8/87

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Borehole: E-63A Well: 37399

Depth-Feet	Soil/Rock Type	Well Completion	Description
			
2			
4			
6			Bottom of grout 7.1'
8			Top of sand pack 7.1
10			Top of ~~sand pack~~ screen 9.4'
12			
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			Bottom of screen 35.2 Bottom of hole 36.0'

Drill Site Geologist: K.J. McClain Date: 7/8/87

Reviewed By: Joseph L. Ward Date: 7/9/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
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No record of MW

WELL CONSTRUCTION SUMMARY

Borehole Eco3DI Well 37390

Project Name and Location MW Installation Project Number T&E 17053074

Drilling Company Boyles Driller B. Roach Rig Number Failing 25

Drilling Method(s) rotary - bentonite mud

Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 26 ft. ____ cm.
3 7/8 in. ____ cm. 26 ft. ____ cm. to 46 ft. ____ cm.

Size(s) and types of Bit(s) 7 7/8 - blade

Size and Type PVC 4" sched. 40

Total Borehole Depth 346 ft. ____ cm.

Depth to Bedrock 25 ft. ____ cm.

Depth to Water 3 ft. ____ cm.

Water Level Determined By tape measure

Length Plain PVC (total) 41.32 ft. ____ cm.

Length of Screen 5.88 ft. ____ cm.

Total Length of Well Casing 47.7 ft. ____ cm.

PVC Stick Up 1.7 ft. ____ cm.

Depth to Bottom of Screen ~~35~~ 46 ft. ____ cm.

Depth to Top of Screen 40.12 ft. ____ cm.

Depth to Top of Sand 39 ft. ____ cm.

Depth to Top of Bentonite 34 ft. ____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 4.23.87 0815

Date/Time Finish Drilling 4.23.87 0901

Date/Time Start Completion 4.23.87 0926

Date/Time Cement Protective Casing 4.23.87

Materials Used

Plain PVC 4 x 10' 1 x 3.5' (cut off and piece

Slotted PVC 1 x 5'

Bentonite Pellets 1 1/2 buckets

Bentonite ~~Granular~~ Powder 3/4 bags

Cement 7 1/2 bags

Sand 1 1/2 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist C Benson Date 4.23.87

(#) sand pack usually 3-5 ft. but this smaller sand pack was done specifically at the request of ESE staff.

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5/19/87 RAG

Date/Time/Personnel Casing Painted 06-03-87 WTV PJB 1315

Date/Time/Personnel Numbers Painted 06-22-87 DLW PJB 13:50

Materials Used

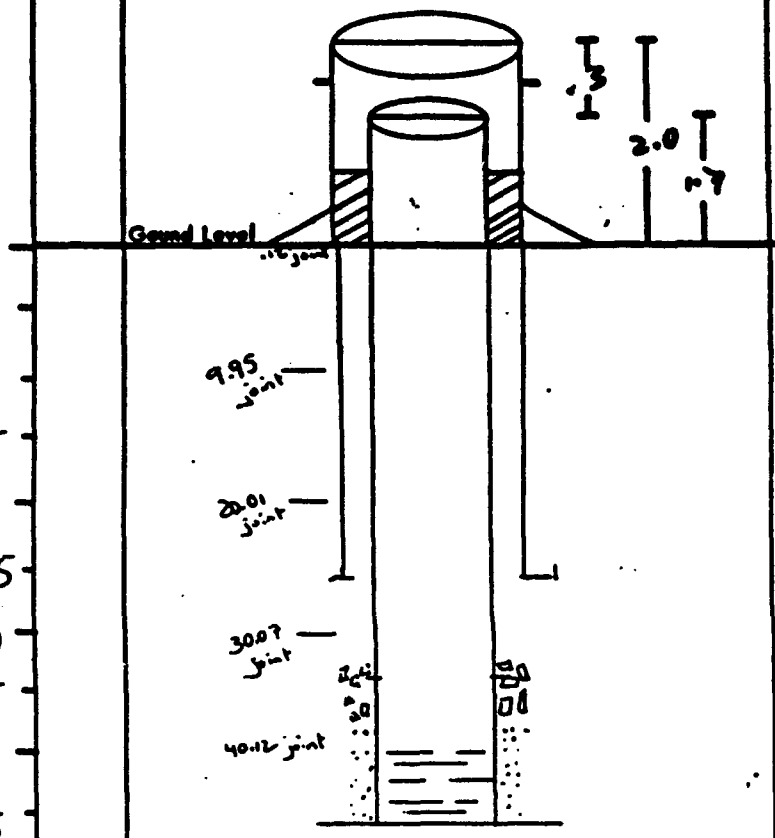
Top of Protective Casing to Top of PVC	0.38 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.0 ft.	____ cm.	
Top of Protective Casing to Internal Mortar	1.27 ft.	____ cm.	
Top of Protective Casing to Top of Cement Pad	1.86 ft.	____ cm.	
Top of Protective Casing to Ground Level	2.07 ft.	____ cm.	

Reviewed By Joseph L. Reed Date 6/23/87

Drill Site Geologist ____ Date ____

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ENGLEWOOD, COLORADO 80112 • 303/741-0050

Borehole: E-63D1 Well: 37390

Depth-Feet	Soil/Rock Type	Well Completion	Description
5			
10			
15			
20			
25			26'- Bottom of 8" steel casing
30			34'- TOP OF BENTONITE SEAL
35			39'- TOP OF SANDPACK
40			40.12'- TOP OF SCREEN
45			Total Depth 46'

Drill Site Geologist: C. Benson Date: 4.23.87

Reviewed By: Joseph L. Reed Date: 7/8/87

Frontier Logging
Lakewood, Colorado

Date APRIL 17, 1987

Company: ESE
Bore Hole: E 63
Area/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level

Driller Depth: 63 Ft.
Bit Size: 3 7/8"
Casing Depth: 26 Feet
Fluid in Hole: water + native mud
Density/ Viscosity:
pH:
Drilling Measured From: Ground Level
Miles Round Trip:
Standby:
Time In: 1435
Time Out: 1456
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood

EQUIPMENT DATA

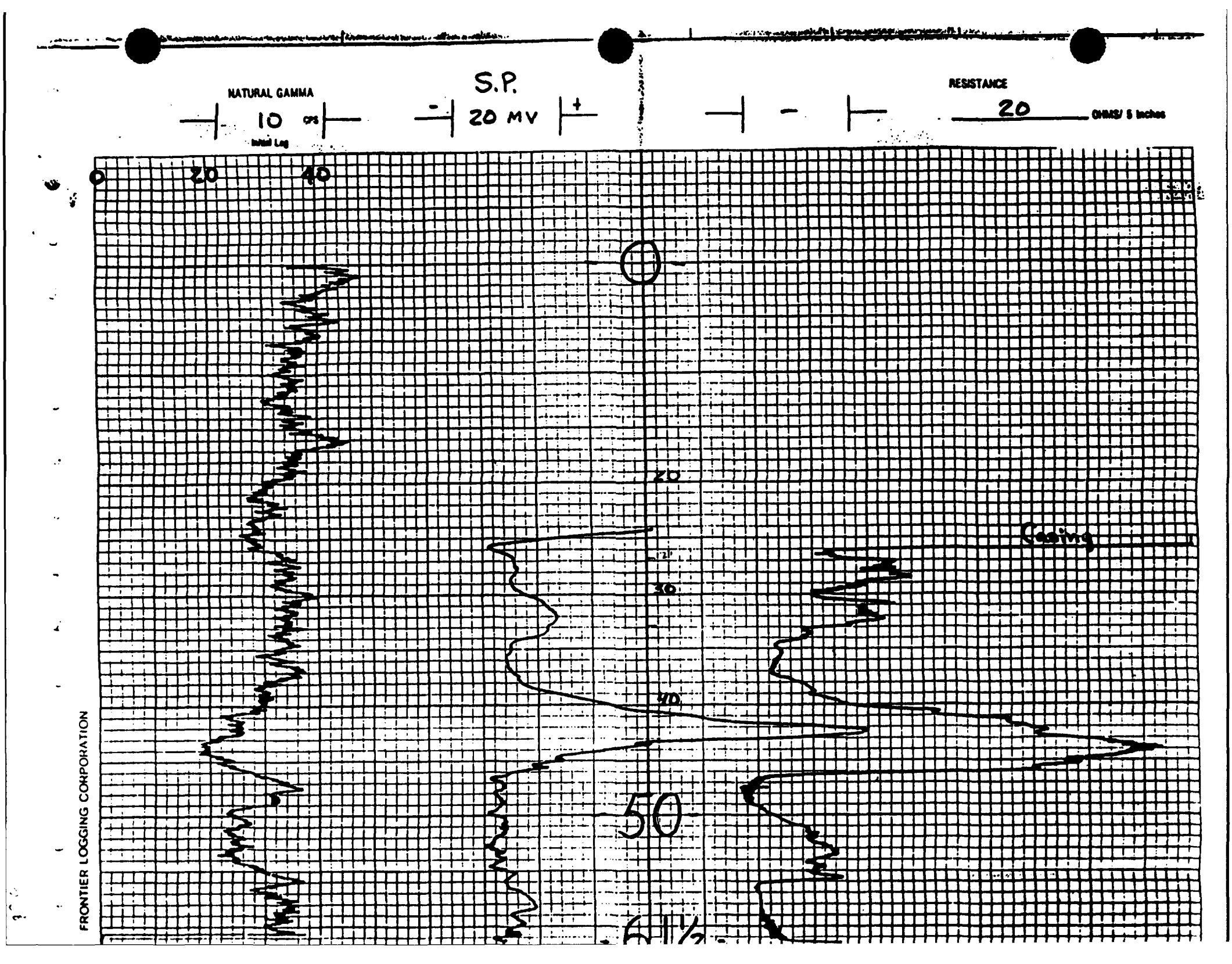
T.D. Logged: 61 1/2 Ft
Natural Gamma: 200 Scale = 20 CPS per Inch
Time Constant: 2 Sec
Logging Speed: 15 Ft/Min
Caliper Source No/Value: CPS
Probe No: 103-1041
Probe Diameter: 1 5/8"
Source Type - Size: xtal 3/4 x 1 1/4"
K Factor: 1.60 x 10⁻⁵
Read Time: 7 Minutes
Mixer Factor: 1.10 for hole size 3 7/8"
Casing Factor: for well dia
Resistance: 20 Ohms per 8 Inches
S.P.: 20 MV per Inch

NATURAL GAMMA RERUNS (ANALOG) (pulled log off scale)

Scale = CPS/in	Scale = CPS/in	Scale = CPS/in	Scale = CPS/in
T.C. Sec	T.C. Sec	T.C. Sec	T.C. Sec
Logging Speed Ft/Min	Logging Speed Ft/Min	Logging Speed Ft/Min	Logging Speed Ft/Min
From Ft To Ft	From Ft To Ft	From Ft To Ft	From Ft To Ft
Total Ft	Total Ft	Total Ft	Total Ft

Gamma (Analog) Ft	Density Source No
Gamma (Digital) Ft	Type Size
Caliper Ft	CPS/Inch
Temperature Ft	
DIRECTIONAL DATA	Neutron Source No
Closure Ft	Type Strength
Azimuth	CPS/Inch
True Vertical Ft / Survey Depth Ft	

NATURAL GAMMA — 10 CPS (Initial Log) — S.P. — 20 MV — RESISTANCE — 20 Ohms/ 8 Inches


NATURAL GAMMA
10 cps
Initial Log
S.P.
20 MV
RESISTANCE
20
OHMS/ 5 Inches
0
20
40
0
20
30
40
50
Casing
FRONTIER LOGGING CORPORATION

50
60
1/2"
RESISTANCE
20 OHMS/2 INCHES
SP
20 MV/INCH
63
NATURAL
GAMMA
0
20
40
COUNTS PER SECOND

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WELL CONSTRUCTION SUMMARY

Borehole E-65A Well ~~E-65A~~ JR 37381

Project Name and Location T-36 North Horse 95th St North Platte Project Number 17053 074.10

Drilling Company Boyles Bros Driller Dave Jarvis Rig Number 5451

Drilling Method(s) Auger

Borehole Diameter 12 in. ____ cm. 28.5 ft. ____ cm. to ____ ft. ____ cm.
____ in. ____ cm. ____ ft. ____ cm. to ____ ft. ____ cm.

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

Sampling Method(s) Continuous Split spoon

Date/Time Start Drilling 3/26/87 0845

Size and Type PVC 4" .020

Date/Time Finish Drilling 3/26/87 ~~1010~~ SWL 1120

Total Borehole Depth 28.5 ft. ____ cm.

Date/Time Start Completion 3/26/87 1120

Depth to Bedrock 28 ft. ____ cm.

Date/Time Cement Protective Casing 3/26/87 1415

Depth to Water 5 ft. ____ cm.

Materials Used ____

Water Level Determined By SAMPLES

Plain PVC 1-10' LENGTH

Length Plain PVC (total) 8.95 ft. ____ cm.

Slotted PVC 2-10' LENGTHS

Length of Screen 21.25 ft. ____ cm.

Bentonite Pellets 1 BUCKET

Total Length of Well Casing 30.2 ft. ____ cm.

Bentonite Granular 10 lbs

PVC Stick Up 1.7 ft. ____ cm.

Cement 12 BAGS

Depth to Bottom of Screen 28.5 ft. ____ cm.

Sand 18 BAGS

Depth to Top of Screen 7.25 ft. ____ cm.

Water added during completion 90

Depth to Top of Sand 4 ft. ____ cm.

Water added during drilling 0

Depth to Top of Bentonite 3 ft. ____ cm.

Total Gallons of water added 90

Drill Site Geologist Greg Citui

Date 3/26/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed RAG 5/19/87

Date/Time/Personnel Casing Painted 06-03-87 0800 PJB/WTV

Date/Time/Personnel Numbers Painted 06-03-87 1500 PJB/WTV

Materials Used 13 bags Quikcrete 1 bag sand 1 bag cement

Top of Protective Casing to Top of PVC	0.36 ft.	____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.42 ft.	____ cm.	____
Top of Protective Casing to Internal Mortar	1.43 ft.	____ cm.	____
Top of Protective Casing to Top of Cement Pad	1.62 ft.	____ cm.	____
Top of Protective Casing to Ground Level	2.06 ft.	____ cm.	____

Reviewed By Joseph L. Reed Date 6/11/87

Drill Site Geologist ____ Date ____

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PAGE 1 OF 2

Borehole: E-65A

Well: JR 3738 / 65A

Depth-Feet	Soil/Rock Type	Well Completion	Description
		Ground Level; 1.36; 2.06; 1.7	
2		JOINTS	
4			3 – Top of BENTONITE 4 – Top of SAND 5 – H_2O
6		7.26	7.75 – Top of SCREEN
8			
10			
12			
14			
16			
18		17.78	
20			
22			
24			
26			
28		28.52	28.5 Bottom of Boring
30			

Drill Site Geologist: Greg Citus Date: 3/26/87

Reviewed By: Joseph L. Reed Date: 6/11/87

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SHEET 1 OF 2

Borehole: E-65A Well Number:

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
	C-2	100%		C-2	ML	Silts with ≈ 30% clays - roots and twigs to 10% of sample 5y 3/2, dark olive gray, loose, nonplastic, moist
2	2-4	100%		2-4	ML	Silts with 20% clays, now 5-10% sands (med. to coarse) 2.5y 3/2, very dark grayish brown, loose, nonplastic, moist
4	4-6	100%		4-6	SM	saturated SANDS with 25% silt - Fine - 2.5y 5/4, light olive brown, loose, nonplastic, saturated also < 5% clay
6	6-8	100%		6-8		
8	8-10	100%		8-10		
10	10-12	100%		10-12		
12	12-14	100%		12-14	SM	H_2O increases in hole/sample SANDS - 15% silts, 1% clay, 2.5y 5/6 light olive brown, loose, nonplastic, saturated
14	14-16	100%		14-16		
16	16-18	25% 100% was		16-18	SM	SANDS - 15% silts, 1% clay - sand coarser than previously - 10yr 6/8, brownish yellow, loose, nonplas, sat.
18	18-20	100% 25% was		18-20	SM	SANDS - 15% silts, 1% clay - 2.5y 5/6 light olive brown, loose, nonplastic, saturated
20	20-22	100%		20-22	SP	SANDS - 5% silt - sand is medium grained - 10yr 6/6, brownish yellow, loose, nonplas, saturated

Drill Site Geologist: C. Benson Date: 3.31.87

Reviewed By:

ESE

SHEET 2 OF 2

Borehole: E-169A Well Number:

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22	22-23.5	100%		22-23.5	SP	SANDS - 5% silt - sand fine to medium grainsize - 10 yr 6/6, brownish yellow, loose, nonplastic, saturated
24	23.5-25	100%		23.5-25		
	25-26	100%		25-26		NOTE: 1' sample intervals contain 2' of sample due to influx of sands in the augers
26	26-27	100%		26-27		
	27-29	100%		27-29	SS	28' BEDROCK - sandstone - slightly more indurated - occas. carbon fragments in bedrock.
30						END OF BORING AT 29'

Drill Site Geologist: C Bellon Date: 3.31.87

Reviewed By: Date:

Company: ESE

Well Name: E-69

Area/Project: RMA

County: ADAMS COUNTY | State: COLORADO

Section | Township | Range | Elevation

Log Measured From: Ground Level

Bit Size: 3¾"

Casing Depth: 28 Ft

Fluid in Hole: Water/Native Mud

Density/Viscosity | pH

Drilling Measured From: Ground Level

Standby

Time In: 1320 | Time Out: 1345

Unit No.: 110

Operator: Wm. Linton

Location: Lakewood

EQUIPMENT DATA

TD Logged: 118 Feet

Natural Gamma: 200 Scale = 20 CPS per Inch

Time Constant: 2 Sec | Logging Speed: 15 Ft/Min

Cable Source No/Value: CPS

Probe No: 103-1241 | Probe Diameter: 1⅝"

Detector Type, Size: xtal 3/4 x 1"

K Factor: 2.35 x 10⁻⁵ | Dead Time: 7 Microsec

Mud Factor

Casing Factor

Resistance: 75 ohms/5" (Ohms per 5 Inches)

SP: 10 MV/Inch (MV per Inch)

NATURAL GAMMA BEHIND (ANALOG)

(initial log off scale)

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

Gamma (Analog) Ft | Density Source No

Gamma (Digital) Ft | Type | Strength

Caliper Ft | CPS/Inch

Temperature Ft

DIRECTIONAL DATA

Closure Ft

Azimuth

True Vertical Ft | Survey Depth Ft

Neutron Source No

Type | Strength

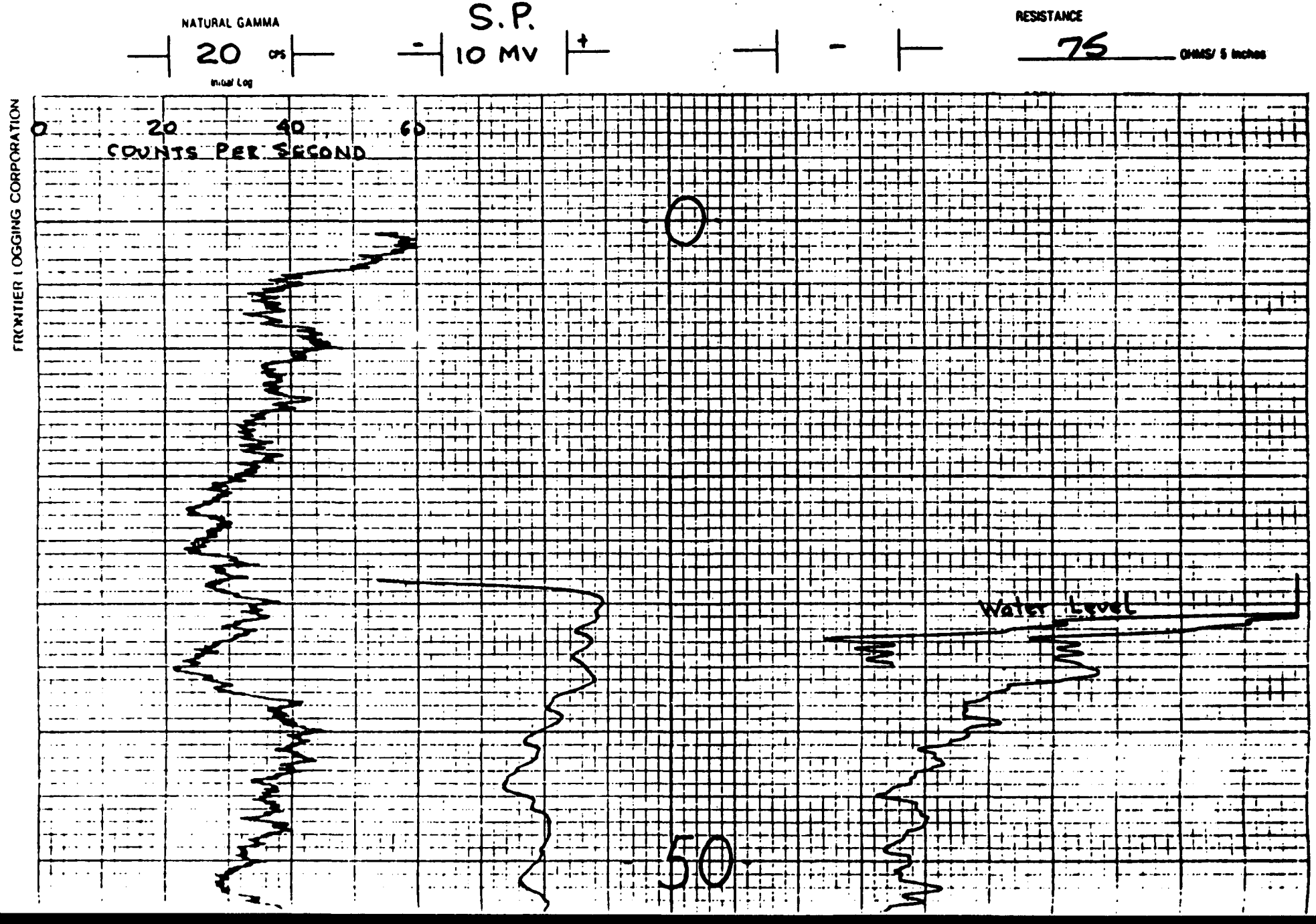
CPS/Inch

NATURAL GAMMA — 20 CPS — Initial Log

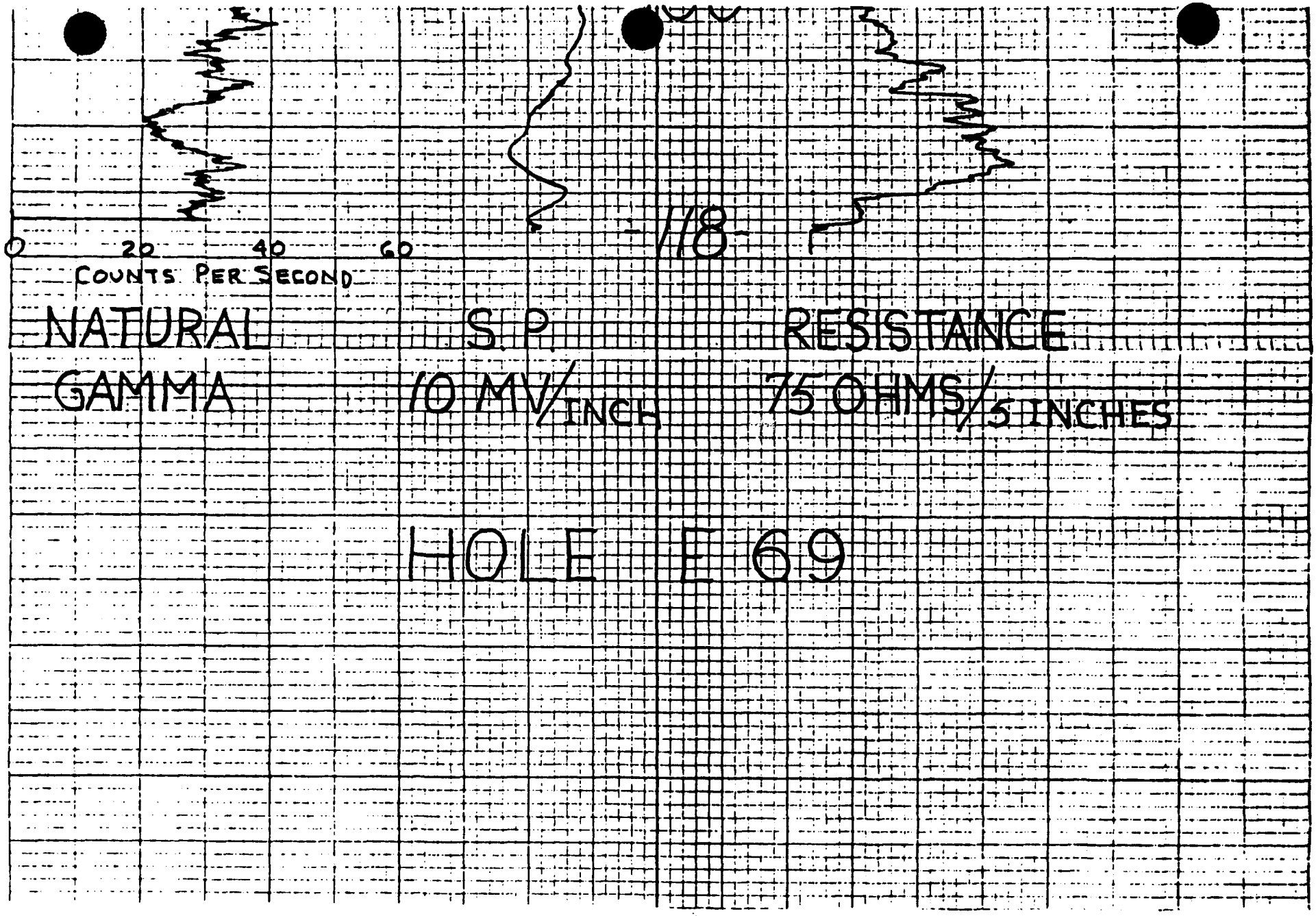
S.P. — − 10 MV +

RESISTANCE — 75 OHMS/ 5 Inches

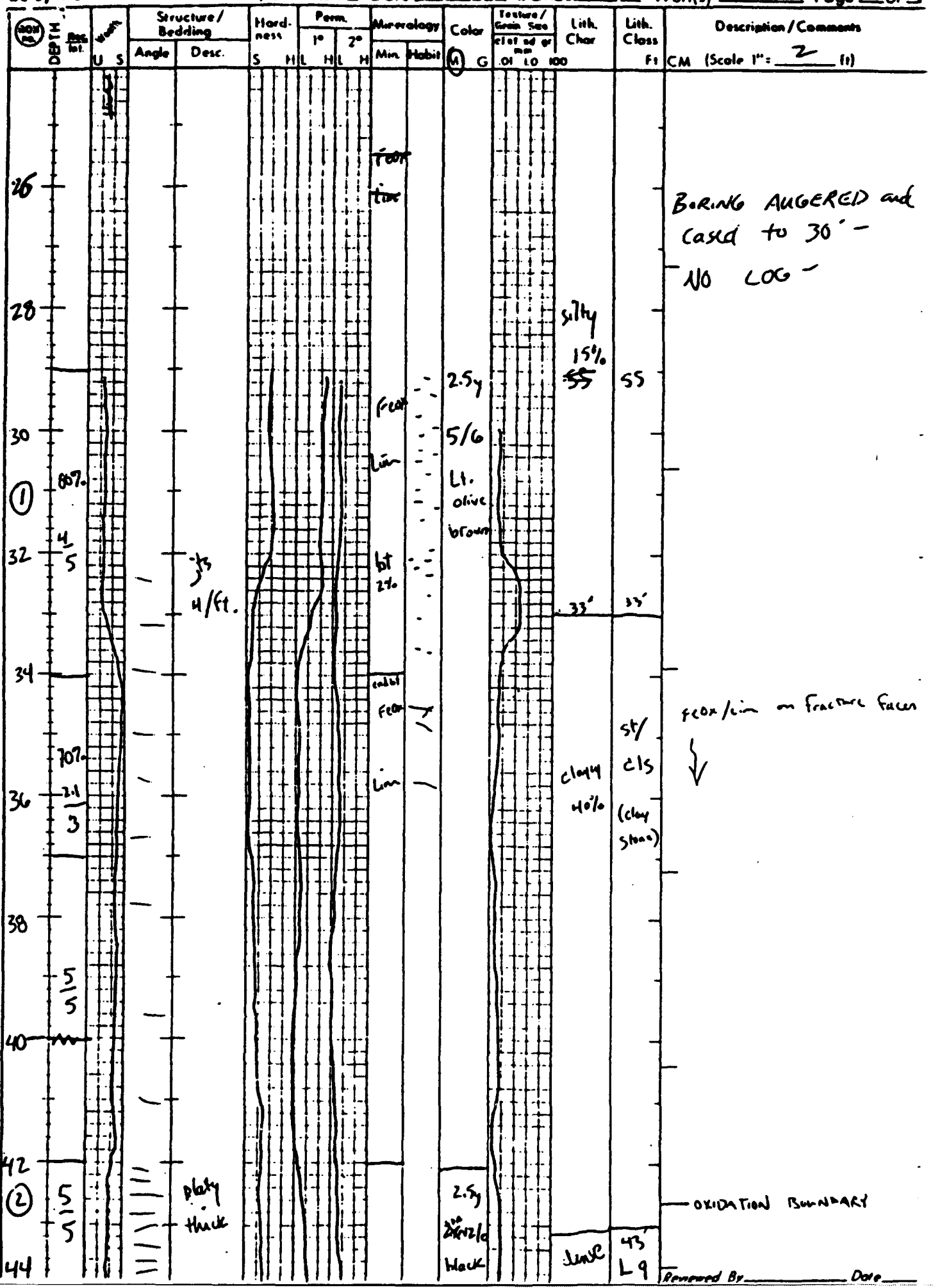
CORRELATION	0	20	40	60
	COUNTS PER SECOND			


NATURAL GAMMA
20 cps
S.P.
10 MV
RESISTANCE
75 OHMS/ 5 inches
FRONTIER LOGGING CORPORATION
0
20
40
60
COUNTS PER SECOND
0
Water Level
50

NATURAL GAMMA
10 MV/INCH
S.P. RESISTANCE
75 OHMS/5 INCHES
COUNTS PER SECOND
0
20
40
60
80
100
118
70
80
90


0
20
40
60
COUNTS PER SECOND
- 118 -
NATURAL GAMMA
S.P
10 MV/INCH
RESISTANCE
75 OHMS/5 INCHES
HOLE F 69

ESE, Inc. CORE LOG By Benson Date 2-13-87 BORE E-69 Well(s) _____ Page 1 of 5



ESE, Inc. CORE LOG By Benson Date 2-13-87 BORE E-69 Well(s) _____ Page 2 of 5

Run No.	DEPTH	Rec. Int.	Rec. %	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness	Perm. 1°	Perm. 2°	Mineralogy: Min	Mineralogy: Habit	Color (M)	Color (G)	Texture/Grain Size	Lith. Char	Lith. Class	Description/Comments
	46	5/5			severely broken						2.5y N2/0 black				Lg	CM (Scale 1" = 2 ft)
2					platy thick											
	48										2.5y 5/6				Sr	
		5/5									2.5y N2/0 black				Lg	
	50															
															Sr/Sl	
	52				highly fractured				clay 6%		2.5y N5/0 gray			clay 40%	Sl	
3		4/4			jts. 4-8 per foot									Lg Frags.		
	54															
	56															
	58	4/4			jts. 10-12 per foot											
4	60															
	62	4/4			jts. 4-6 per foot									Lg. Frags.		

BORE E-69 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By C Benson Date 2-13-87 BORE E-69 Well(s) _____ Page 3 of 5

Box #	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	Lith. Char.	Lith. Class	Description/Comments
	66			jts. 12/Ft.												D clay 20-40% D Lg. frags	St	CM (Scale 1" = 2 ft)
4	68	3/3		jts. 3/Ft.										2.5Y N5/0 gray		D		
	70	3.2/4																
	72	2/2		jts. 10-12/Ft.							clay 10%					D		
5	74	4/4		jts. 3-5/Ft.												D		
	76															D		
																20% silty	76.5 SS	
	78	2.4/5									clay 10%					D Lg. frags abundant	St	
6	80															D clay to 40%		
	82	1.4/4		jts. 9-12/Ft.							clay 20%							
	84																	

BORE E-69 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By Benson Date 2:13:87 BORE E-69 Well(s) _____ Page 4 of 5

Run No.	DEPTH	Rec. Int.	U	S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Hardness H	Perm. 1° Hl.	Perm. 1° H	Perm. 2° Hl.	Perm. 2° H	Mineralogy Min.	Mineralogy Habit	Color M	Color G	Texture/Grain Size clay mf gr cb 01 1.0 100	Lith. Char	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
6	86					0-1/ft							10% clay, bt 2%			2.5y N5/0 gray		silty 57% bt 2% lg 10%	SS	
	88					highly fractured to friable														} carbon/lignite seam = 2"
	90	5				jts. 0-1/ft.														
	91	5				highly fractured to friable							mud					91 very friable	lg	
7	92																			
	93	5																93	cls	
	94	5																		
	95					jts 0-4/ft. (completely vuggy)												95 med to coarse	SS	
	96																	96	cls	
	98	1.6											clay 10%							
	100	4																		10 carbon to 104'
8	102	3.6											fd			2.5y 4/2 gray brown				
		4																		

WELL(S) E-69 BORE

ESE, Inc.

ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-38A Well E-38A 37374

Project Name and Location Oxbow- Drilling 1/4mile NE of [illegible] Project Number 17113-038/0

Drilling Company Boyles Bros Driller Jarvis Rig Number

Drilling Method(s) Augers

Borehole Diameter 12¼ in. cm. 0 ft. cm. to 5 ft. cm.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s)

Size and Type PVC 4"

Total Borehole Depth	26.5 ft. cm.	Sampling Method(s)	Split Spoon Continuous
Depth to Bedrock	26' ft. cm.	Date/Time Start Drilling	1045
Depth to Water	10' ft. cm.	Date/Time Finish Drilling	1320
Water Level Determined By	Samples	Date/Time Start Completion	1445
Length Plain PVC (total)	11.37 ft. cm.	Date/Time Cement Protective Casing	1620
Length of Screen	16.23 ft. cm.	Materials Used	7-4' TUBES 3 BOXES
Total Length of Well Casing	27.6 ft. cm.	Plain PVC	1-10' 1-5' for 11.37'
PVC Stick Up	2.7' ft. cm.	Slotted PVC	1-10' 1-5' for 16.23
Depth to Bottom of Screen	24.4 ft. cm.	Bentonite Pellets	3½ Buckets
Depth to Top of Screen	8.7 ft. cm.	Bentonite Granular	0
Depth to Top of Sand	7.8 ft. cm.	Cement	2 BAGS
Depth to Top of Bentonite	4.8 ft. cm.	Sand	11½ BAGS
		Water added during completion	0 (5 GALS TO SWAB)
		Water added during drilling	0
		Total Gallons of water added	0 5 JR

Drill Site Geologist Bob Gripper, Greg Lewis Date 3/2/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 1320 RJB

Date/Time/Personnel Casing Painted JWF BAL 4/15/87 0915

Date/Time/Personnel Numbers Painted JWF BAL 4/15/87 0915

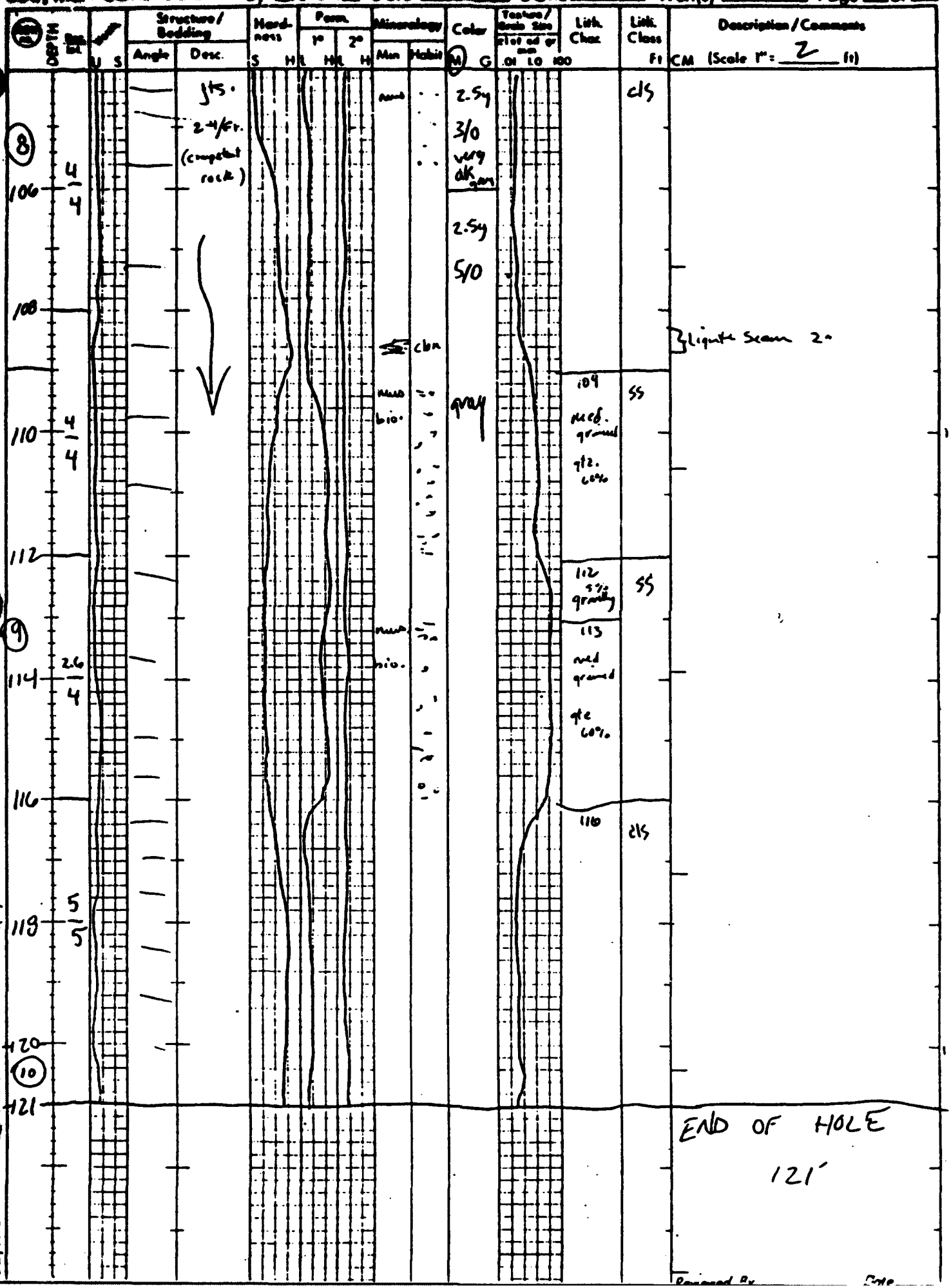
Materials Used 14 Bgs Quick-Crete ½ Bg Cement ½ Bg Sand 1 Roll Lawn Edging

Top of Protective Casing to Top of PVC	3 ft. cm.	COMMENT/NOTES	
Top of Protective Casing to Weep Hole	2.5 ft. cm.		
Top of Protective Casing to Internal Mortar	2.3 ft. cm.		
Top of Protective Casing to Top of Cement Pad	2.9 ft. cm.		
Top of Protective Casing to Ground Level	3.0 ft. cm.		

Reviewed By Joseph L. Reed Date 4/20/87

Drill Site Geologist Greg Lewis Date 3/2/87

ESE, Inc. CORE LOG By Benson Date 2-13-87 BORE E-69 Well(s) _____ Page 5 of 5



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

BOREHOLE SUMMARY LOG

Borehole E-69 Well _____

Project Name and Location MW Installation Project Number 17053 074.10

Drilling Company Boyles Driller Roach Rig Number Failing 75

Drilling Method(s) Rotary - with water

Size(s) and type(s) of bit(s) 12¼ rock, 7⅞ tricone

Borehole Diameter 12¼ in. ____ cm. 0 ft. ____ cm. to 30 ft. ____ cm.

7⅞ in. ____ cm. 30 ft. ____ cm. to 121 ft. ____ cm.

Sampling Methods Continuous Core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 13

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 2-11-87 1027

Date/Time Completed Drilling 2-12-87 1305

Total Borehold Depth 121 ft. ____ cm.

Depth to Bedrock 27 ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? NOT Determined - drilled with water

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 2-12-87 1506

Depth of Tremmie Pipe 120'

Gallons of Grout 80

Materials Used 9 bags cement, 80 gals water

Comments hole grouted to 10' of surface as requested by landowner, Casing removed

Wellsite Geologist C Benson Date 3-23-87

Checked for Grout Settlement on 5-19-87 by CDB

Amount of Grout Added none

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 6/11/87

Drill Site Geologist _____ Date _____

ESE

SHEET 1 OF 4

Borehole: E-73A Well Number: 32391

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1'	1 0.0'-2.0'	.35'/2.0'			SM	Silty Sand, 30% silt, 2.5Y 6/2 light brownish grey, very loose, non plastic, moist
2'						
3'	2 2.0'-4.0'	.23/2.0'				
4'						
5'	3 4.0'-6.0'	1.08'/2.0'			CL	CLAY, 35% sand, fine to coarse grained, 2.5Y 7/4, pale yellow, very stiff, moist, calcareous low plastic
6'						
7'	4 6.0'-8.0'	1.44'/2.0'				gradual change to SC
8'					SC	Clayey Sand, 25% clay, fine to coarse grained, med. dense 2.5Y/ 6/6 olive yellow, moist, calcareous
9'	5 8.0'-10.0'	1.47/2.0'			CL	Clay, 30% Sand, fine to coarse grained, 2.5Y 4/4 olive brown, very stiff, moist, calcareous low plastic
10'						

Drill Site Geologist: Steve Pace Date: 6/29/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7325 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-73A Well Number: 37391

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	6 10.0'-12.0'	1.35'/2.0'			CL	Clay, 30% Sand, fine to coarse grained, 2.5Y 4/4 olive brown, very stiff, moist, very calcareous, low plastic
						gradual change to SC
12					SC	Clayey Sand, 20% clay, fine to coarse grained 2.5Y 4/4, olive brown, med dense, moist
13	7 12.0'-14.0'	0.73/2.0'				
14						color change from 14.5' to 15.0' 10YR 3/3 dark brown
15	8 14.0'-16.0'	1.4'/2.0'			Sm	Silty Sand, 15% silt, fine to medium grained 2.5Y 5/4, light olive brown, med dense moist
16						
17	9 16.0-18.0	1.28'/2.0'				
18					SP	Poorly graded Sands, 3% silt, fine to coarse grained, 2.5Y 6/4, light yellowish brown med dense, moist
19	10 18.0'-20.0'	1.65'/2.0'				
20						

Drill Site Geologist: Steve Pace Date: 6/29/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
[illegible] SOUTH ALTON WAY - SUITE H-3
[illegible], COLORADO 80112 - (303)741-0880

Borehole: E-73A Well Number: 37391

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	11 20.0'-22.0'	1.42'/2.0'			SP	SAND^SP Poorly graded SANDS, 3% silt, fine to coarse grained, 2.5Y 5/4, light olive brown, med dense, moist
22						
23	12 22.0'-24.0'	1.10'/2.0'				Sand grain size increase to: fine to very coarse grained including some small gravels (15%)
24						SANDS saturated 24'-25'
25	13 24.0'-26.0'	1.82'/2.0'			SC	Clayey SANDS, 15% clay, fine to very coarse grained, 10YR 5/4, yellowish brown, med. dense, moist
26						sharp contact with gravels below
27	14 26.0'-28.0'	1.42'/2.0'			GM SP?	~~Poorly graded gravel~~ Silty gravel, 15% silt, 30% sand, fine to v. coarse grained sand, small to med. gravels, 10YR 5/4, yellowish brown, med. dense, saturated
28					SP	Poorly graded sands, 10% silt, fine to very coarse grained 10YR 6/4, light yellowish brown, med dense, saturated
29	15 28.0'-30.0'	No Recovery				No recovery after 28.0'. Predict poorly graded sands and silty gravels flowing out of sampler while sampler was being removed from hole.
30						

Drill Site Geologist: Steve Parks Date: 6/29/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7888 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0858

Borehole: E-73A Well Number: 37391

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Continous sampling method utilized to 49'. No recovery after 28.0', suspect unconsolidated sands and gravels flowing out of sampler or plugged auger resulted in no recovery from 28.0'-49.0' Estimate 4.0' of weathered bedrock from 36.0'-40.0'. Determined by increase torque on drill rig to auger through this depth Estimate bedrock at 40.0' by increase in torque from 40.0'-49.0'.

Drill Site Geologist: Steve Ramey Date: 7/6/87

Reviewed By: Joseph F. Reed Date: 9/29/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7982 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

BOREHOLE SUMMARY LOG

Borehole E-73 Well 37391

Project Name and Location MW Installation - Offpost Project Number Task 39

Drilling Company Boyles Driller R. Roach Rig Number Failing 1500

Drilling Method(s) Rotary

Size(s) and type(s) of bit(s) 11¾" auger, 5⅞" tricone bit

Borehole Diameter 11½ in. — cm. 0 ft. — cm. to 39 ft. — cm.

5⅞ in. — cm. 39 ft. — cm. to 111 ft. — cm.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 7

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 7-9-87 0918

Date/Time Completed Drilling 7-9-87 0837

Total Borehold Depth 111 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 7-9-87 1030

Depth of Tremmie Pipe 108'

Gallons of Grout 80 gals.

Materials Used 80 gals. water, 8 bags cement, 1 bag bentonite

Comments hole grouted to surface —

Wellsite Geologist C. D. Byerson Date 7-9-87

Checked for Grout Settlement on Nov 18 '87 by 11/18/87

Amount of Grout Added 0

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 11/18/87

Drill Site Geologist — Date —

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7232 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-73A Well 37391

Project Name and Location Task 39 off post Project Number

Drilling Company Boyles Bros. Driller Dan Irvine Rig Number IR

Drilling Method(s) Auger

Borehole Diameter 12¼ in. cm. 0.0' ft. cm. to 49.0' ft. cm.

in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) Hollow Stem Augers

Size and Type PVC 4" .020 slot

Total Borehole Depth	49.00 ft. cm.	Sampling Method(s)	Continous Split Spoon
Depth to Bedrock	40.00 ft. cm.	Date/Time Start Drilling	6/29/87 1341
Depth to Water	25.20 ft. cm.	Date/Time Finish Drilling	6/29/87 1031
Water Level Determined By	Sounding + sample	Date/Time Start Completion	6/29/87 1047
Length Plain PVC (total)	21.41 ft. cm.	Date/Time Cement Protective Casing	6/30/87 0930
Length of Screen	21.41 ft. cm.	Materials Used	15-2' Tubes 30 caps
Total Length of Well Casing	42.82 ft. cm.	Plain PVC	2-10' section + 1 cut piece
PVC Stick Up	1.70 ft. cm.	Slotted PVC	2-10' section
Depth to Bottom of Screen	41.12 ft. cm.	Bentonite Pellets	13.5 buckets
Depth to Top of Screen	19.71 ft. cm.	Bentonite Granular	5/8 bag
Depth to Top of Sand	15.0 ft. cm.	Cement	5 Bags
Depth to Top of Bentonite	10.0 ft. cm.	Sand	18 bags
		Water added during completion	30 gal.
		Water added during drilling	NA
		Total Gallons of water added	30 gal

Drill Site Geologist STEVE PARIS Date 7/2/87

Date/Time/Personnel Internal Mortar, (Cement Pad) and Weep Hole Installed 07/13/87 / 0900 / am

Date/Time/Personnel Casing Painted (White) 07/13/87 / 0930 / am

Date/Time/Personnel Numbers Painted 7/13/87 JLR

Materials Used 10 bags Sakrete

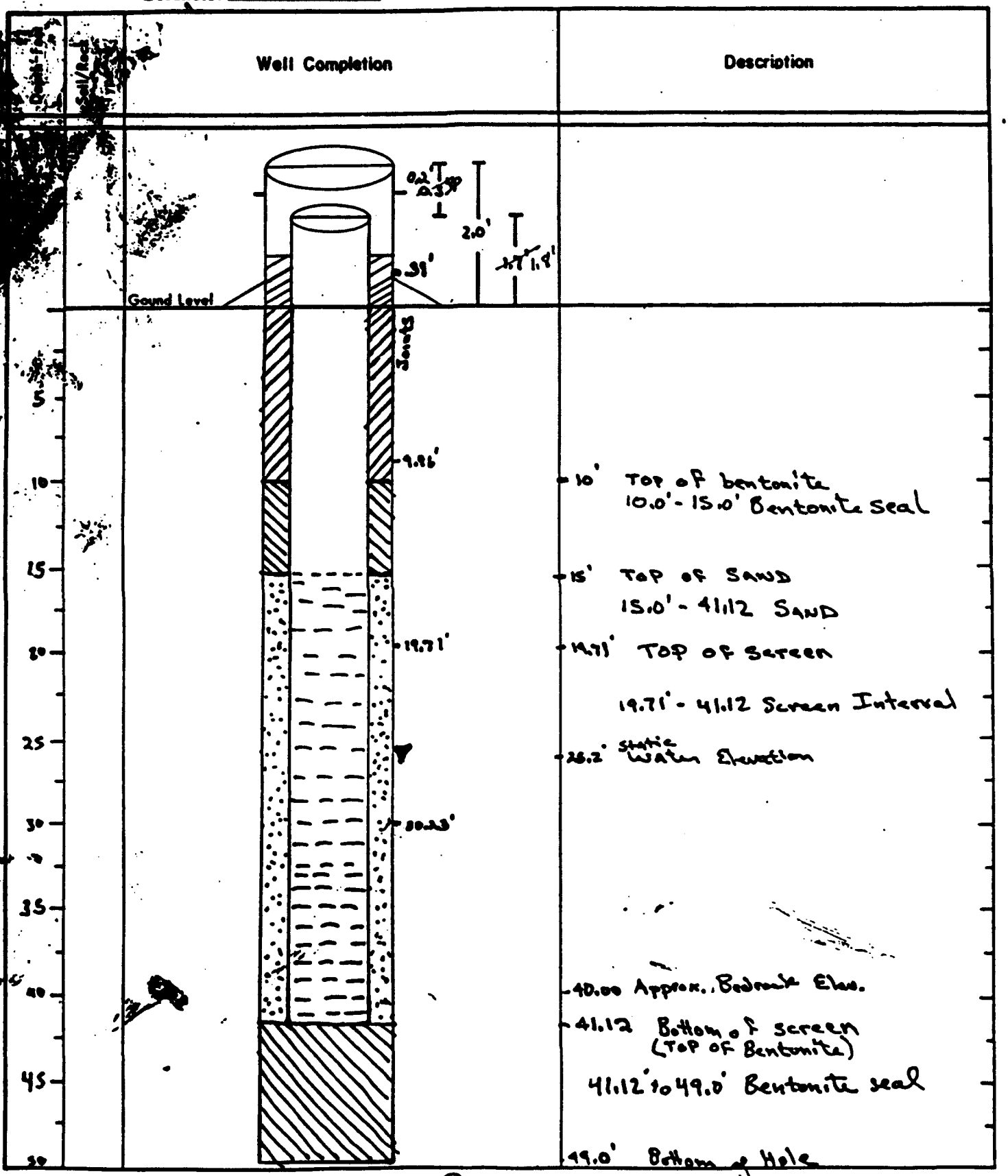
			COMMENT/NOTES
Top of Protective Casing to Top of PVC	.20 ft.	cm.	
Top of Protective Casing to Weep Hole	1.95 ft.	cm.	
Top of Protective Casing to Internal Mortar	1.95 ft.	cm.	
Top of Protective Casing to Top of Cement Pad	1.84 ft.	cm.	
Top of Protective Casing to Ground Level	2.0 ft.	cm.	

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7202 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-73A Well: 37391



Drill Site Geologist: Steve Rapp Date: 7/6/87

Reviewed By: Joseph L. Reed Date: 11/18/87

Frontier Logging
Lakewood, Colorado

Date: JULY 9, 1987

Company: ESE
Bore Hole: E-73
Area/Project: RMA
County: ADAMS COUNTY
State: COLORADO
Section:
Township:
Range:
Elevation:
Log Measured From: Ground Level
Driller Depth: 111 FT
Bit Size: 3 7/8"
Casing Depth: 39 FT
Fluid in Hole: water
Density/Viscosity:
pH:
Drilling Measured From: Ground Level
Mass Round Trip:
Standby:
Time In: 0900
Time Out: 0945
Unit No.: 110
Operator: Wm. Linton
Location: Lakewood

EQUIPMENT DATA

T Logged: 110 FT
Natural Gamma: 200 Scale = 20 CPS per inch
Time Constant: 2 Sec
Logging Speed: 15 Ft/Min
Caliper Source No/Value: CPS
Probe No: 103-1041
Probe Diameter: 1 5/8"
Detector Type Size: xtal 3/4 x 1"
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 dia
Resistance: 40 ohms/5" Ohms per 5 Inches
S.P.: 20 MV/Inch MV per inch

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

Scale = CPS/in	Scale = CPS/in	Scale = CPS/in	Scale = CPS/in
T C Sec / Logging Speed Ft/Min	T C Sec / Logging Speed Ft/Min	T C Sec / Logging Speed Ft/Min	T C Sec / Logging Speed Ft/Min
From Ft To Ft	From Ft To Ft	From Ft To Ft	From Ft To Ft
Total Ft	Total Ft	Total Ft	Total Ft

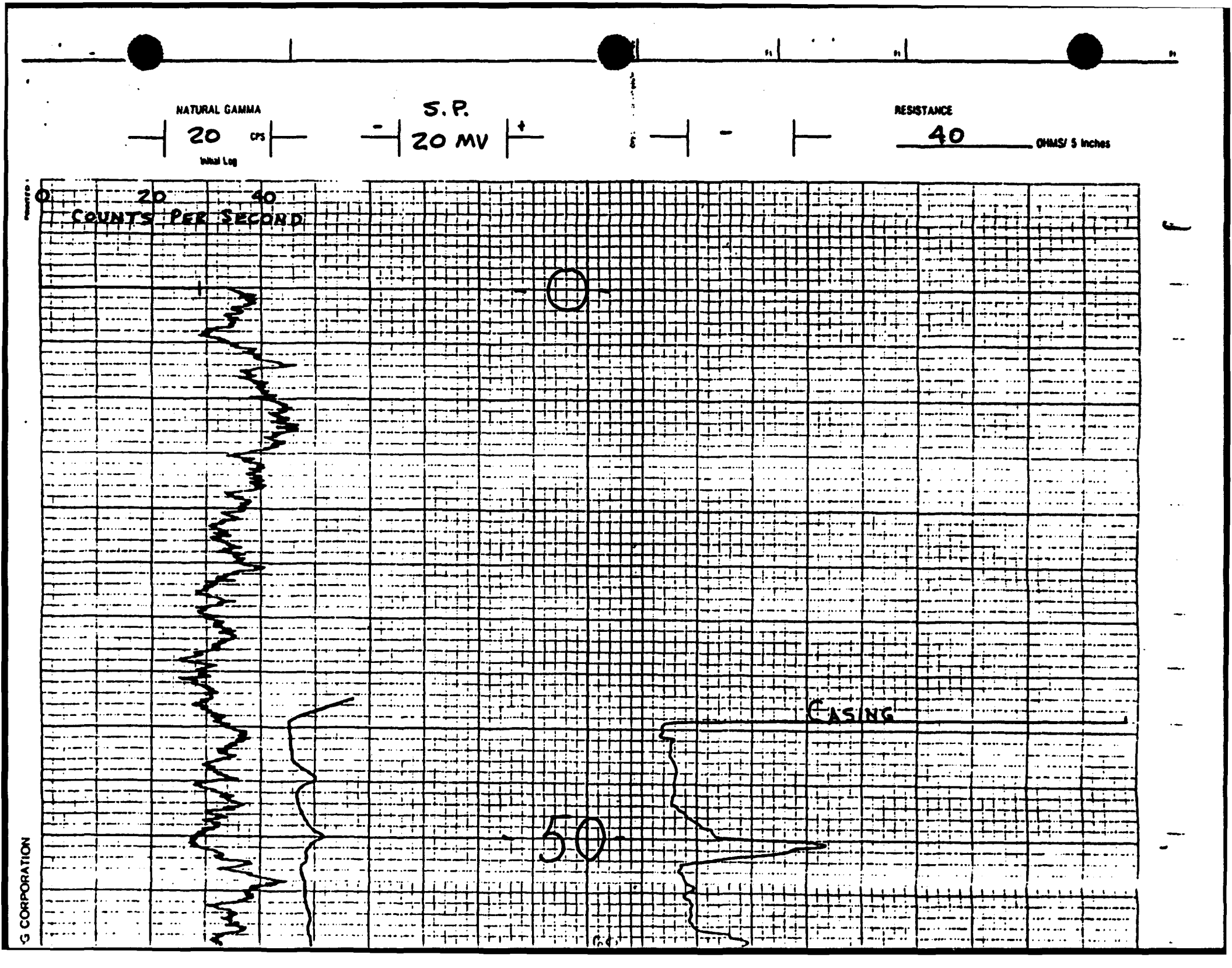
Gamma (Analog) Ft
Gamma (Digital) Ft
Caliper Ft
Temperature Ft

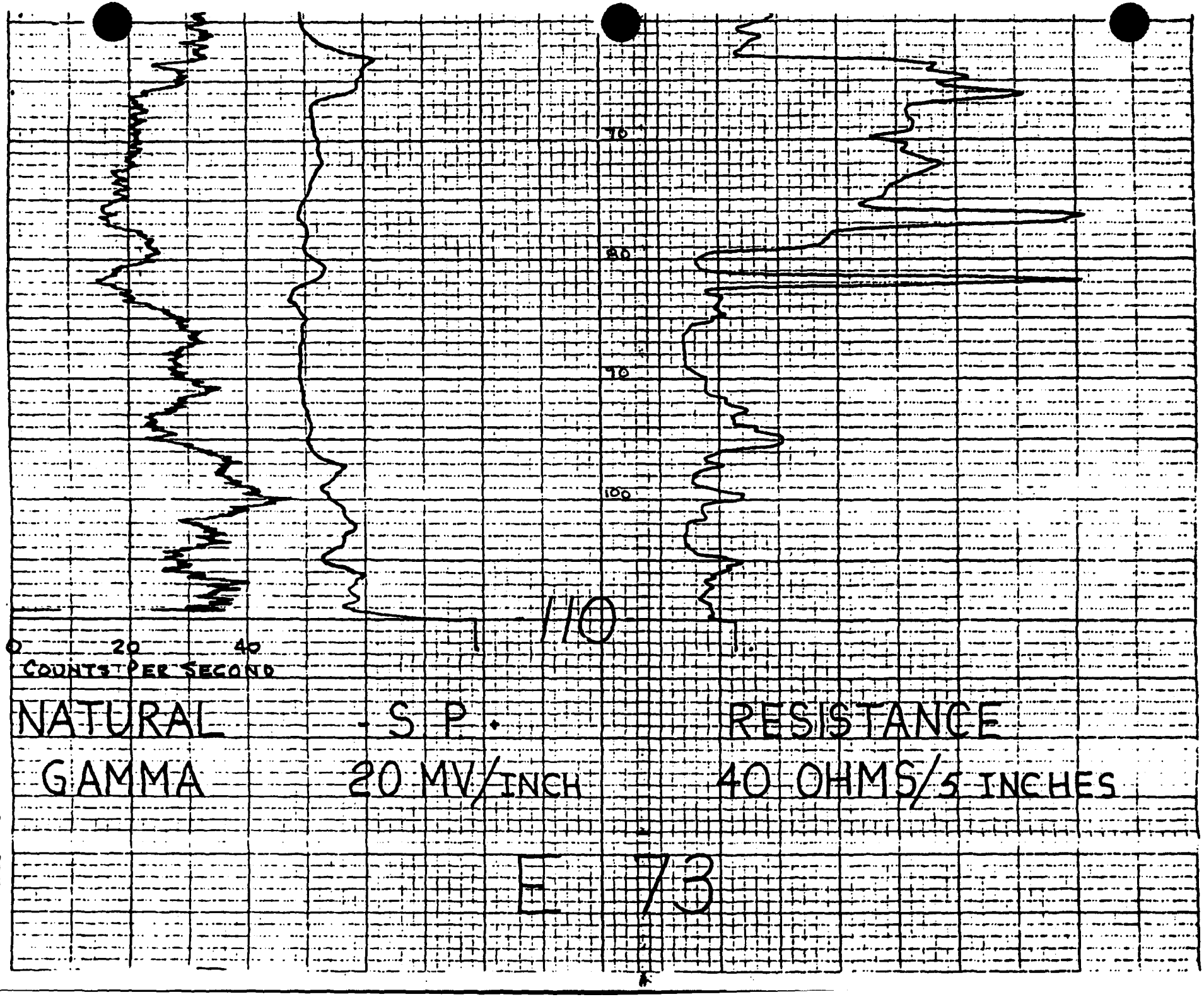
DIRECTIONAL DATA

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.: - 20 MV + | RESISTANCE: 40 OHMS/ 5 Inches


NATURAL GAMMA
20 CPS
Initial Log
S.P.
- 20 MV +
RESISTANCE
40 OHMS/ 5 Inches
0
20
40
COUNTS PER SECOND
50
CASING


FRONTIER LOGGING
70
80
90
100
110
0
20
40
COUNTS PER SECOND
NATURAL GAMMA
-S.P.
20 MV/INCH
RESISTANCE
40 OHMS/5 INCHES
E 1/3
No. GC 13142

ESE, Inc. CORE LOG By CDB Date 7.9.87 BORE E73 Well(s) _____ Page 1 of 4

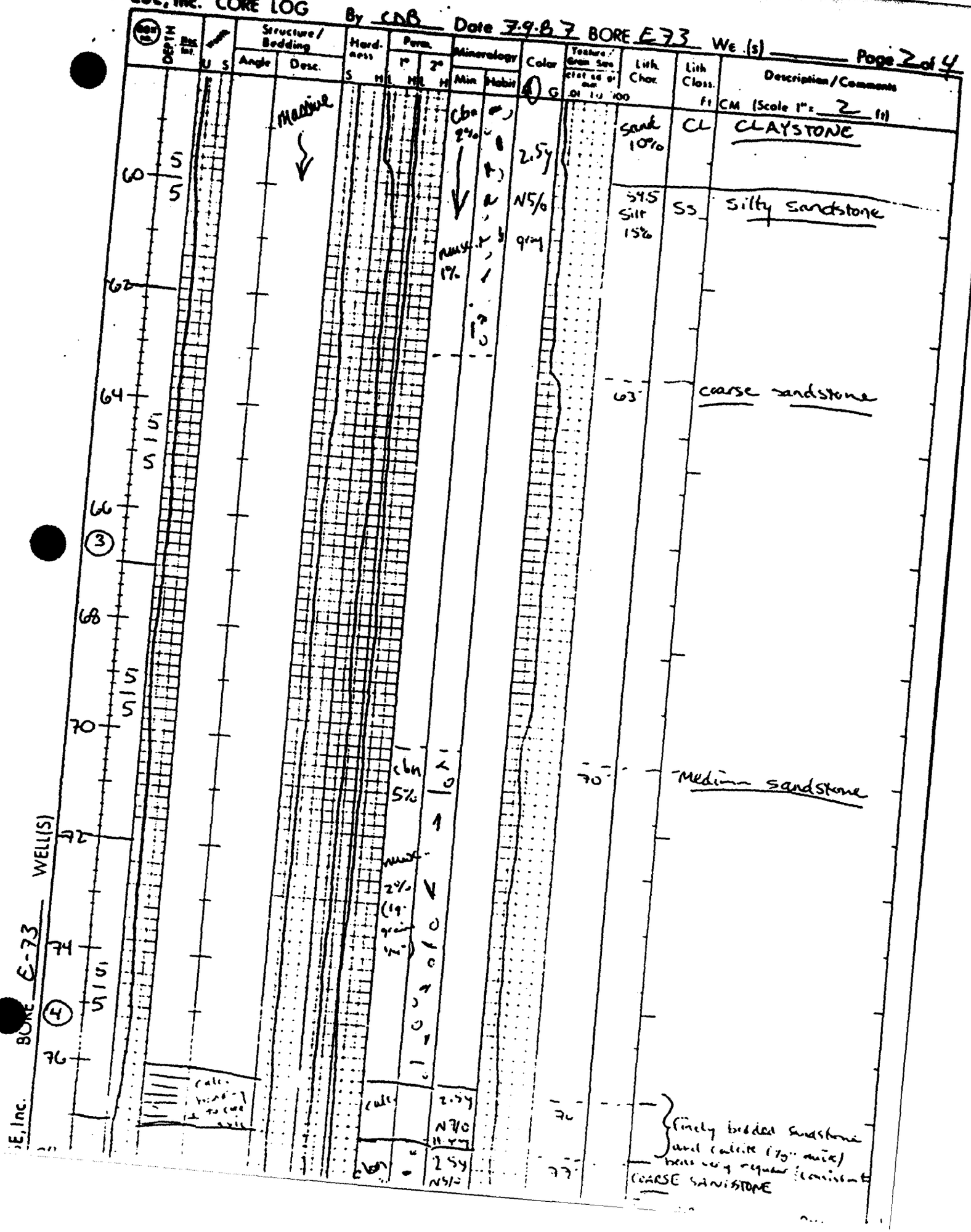
Box no.	Depth	Rec. feet	Structure/Bedding: Angle	Structure/Bedding: Desc	Hardness S	Hardness H	Perm. 1° L	Perm. 1° H	Perm. 2° L	Perm. 2° H	Mineralogy: Min	Mineralogy: Habit	Color M	Color G	Texture/Grain Size .01 .1 1 10 100 mm	Lith. Char	Lith. Class	Description/Comments
																		Casing set to 39', bedrock at 36', core begins at 39'
																	CL	CLAYSTONE
	40			fractures 2-3 / ft. ⊥ to core							FeOx stain fractures		2.5y N6/2 M. brownish grey					
		3.4 / 4																
	42										calc. vein ½" wide	5°						
	44																	
1		3.2 / 4																
	46															46'		oxidation boundary
													2.5y N4/0 dk. grey			47' sand 15%		
	48										clay frags 10%					48.5' sand 35%		sandy, carbonaceous claystone
		4.1 / 5																
	50										mostly 2% pyrite 1%					50'	SS	sandstone
	52										clay 2%					52' sand 10%	CL	sandy, carbonaceous claystone
											clay 5%							
	54																	sandy claystone
2		4.7 / 5									mostly 2%					sand 5%		
	56																	

BORE E73 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By CDB Date 7-9-87 BORE E-73 WE (s) _____ Page 2 of 4

BORE E-73 WELL(S) _____ ESE, Inc.



ESE, Inc. CORE LOG By CDB Date 7-9-87 BORE E-73 Well(s) _____ Page 3 of 4

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 .01 LO 100	Lith Char	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	80	5		Mbedding							cbn 5% frags			2.5Y N5/0 gray			SS	SANDSTONE med. to coarse sandstone
		5									cbn 25%					80.5	CL	carbonaceous claystone
	82										calc. veins					81	CL	intense! stockwork calc. veinlets in carbonaceous claystone some calc. xtalline
											cbn 5-10%					82	SS	SANDSTONE
	84	5		fine bedding occas. X bedding							mica 2%					silt 5%		fine sandstone, occas. slightly silty
		5																
	86										cbn frags 5%						CL	CLAYSTONE
(5)				Mbedding												87 sand 15%		sandy claystone
	88	5																
	90	5																
	92										cbn frags 3%					92	SS	SANDSTONE
	94										occas. ¼" lithic frags							coarse sandstone, more friable/less indurated/ more weakly cemented than previous sandstones
(6)		4.2																
	96	5		¼" cbn. bed. 1 to 2 pc														
																Silt		silty sandstone

BORE E-73 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG . By CDB Date 7.9.87 BORE E-73 Well(s) _____ Page 4 of 4

Depth (ft)	Rec. Int.	Structure/Bedding: U/S	Angle	Desc.	Hardness: S	H	Perm. 1°: L	M	H	Perm. 2°: L	M	H	Mineralogy: Min.	Habit	Color (M)	G	Texture/Grain Size: clay sd gr mm cl LO 100	Lith. Char	Lith. Class	Description/Comments CM (Scale 1" = 2 ft)
100	4.2 / 4												cbn 95%		2.5Y N7/0 dk. gray			98'	ST	SILTSTONE carbonaceous
																		99'		
													pyrite 2% (fine grained)		2.5Y N5/0 gray					
102																		102'	CL	CLAYSTONE
104	5 / 5												cbn	30%	dk. gray			104.1	SS	SANDSTONE
													cbn. frags 20%							
106																		106.5	CL	CLAYSTONE
(7)													cbn 10%		2.5Y N4/0 dk. gray					
108	4.2 / 5																			
110																				
111'																				Total Depth 111'

BORE E-73 WELL(S)

ESE, Inc.

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0830

WELL CONSTRUCTION SUMMARY

Borehole E-74A Well 37392

Project Name and Location _____ Project Number Task 39

Drilling Company Boyles Bros Driller Don Irvine Rig Number IR

Drilling Method(s) Auger 8" Hollow stem auger 3¼" ID 7¼" OD, continous samples, reamed with 8½" ID 12¼" OD Hollow Stem Auger

Borehole Diameter 12¼ in. _____ cm. 0.0' ft. _____ cm. to 30.2' ft. _____ cm.

_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) Hollow stem Auger 12¼

Sampling Method(s) continous, Split spoon

Date/Time Start Drilling 7/2/87 1048

Date/Time Finish Drilling 7/6/87 1556

Date/Time Start Completion 7/7/87 0910

Date/Time Cement Protective Casing 7/7/87 0927

Materials Used —

Plain PVC 1-10' section, 1-6' section

Slotted PVC 1-10' section, 1-5' section

Bentonite Pellets 4½ buckets

Bentonite Granular 3/8 bag

Cement 3 bags

Sand 11½ bags

Water added during completion none

Water added during drilling none

Total Gallons of water added —

Size and Type PVC	4" sch.40 0.20'slot		
Total Borehole Depth	30.2' ft.	_____ cm.	
Depth to Bedrock	28.1' ft.	_____ cm.	
Depth to Water	18.5' ft.	_____ cm.	
Water Level Determined By	Sample		
Length Plain PVC (total)	14.91 16.50 SP ft.	_____ cm.	
Length of Screen	16.22 ft.	_____ cm.	
Total Length of Well Casing	31.13 ft.	_____ cm.	
PVC Stick Up	1.70' ft.	_____ cm.	
Depth to Bottom of Screen	29.43 ft.	_____ cm.	
Depth to Top of Screen	13.21 ft. SP	_____ cm.	
Depth to Top of Sand	8.5 8.60' SP ft.	_____ cm.	
Depth to Top of Bentonite	3.50 ft.	_____ cm.	

Drill Site Geologist Steve Pawb Date 7/9/87

Date/Time/Personnel Internal Mortar, (Cement Pad), and Weep Hole Installed 07/13/87 / 1000 / am

Date/Time/Personnel Casing Painted (White) 07/13/87 / 1030 / am

Date/Time/Personnel Numbers Painted 7/13/87 JR JZR

Materials Used 9 bags Sakrete

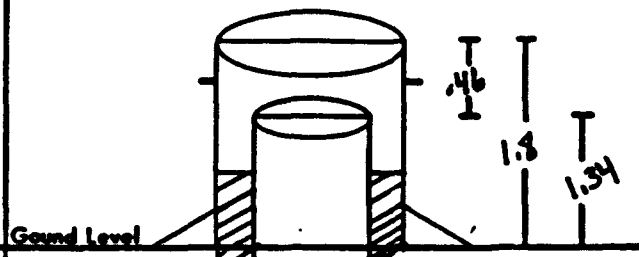
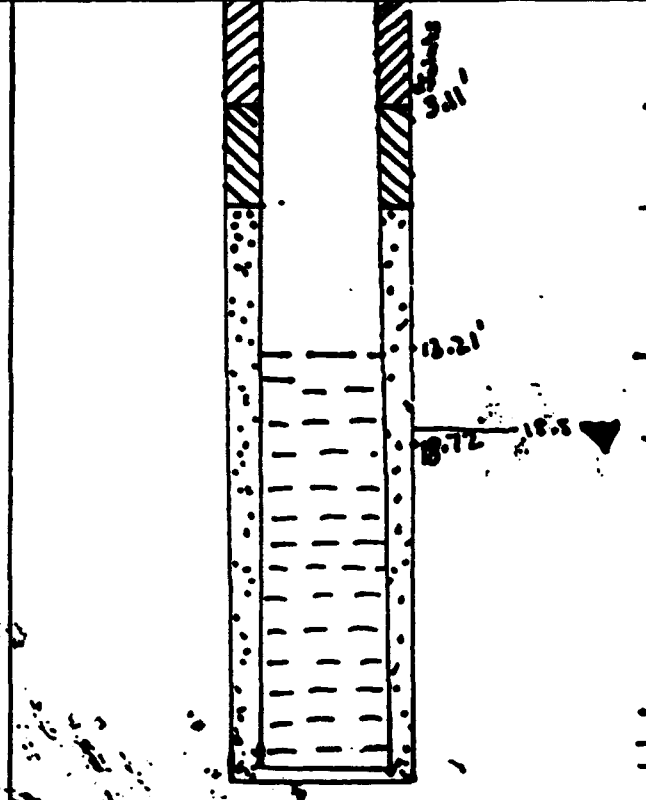
Top of Protective Casing to Top of PVC	.46 ft.	_____ cm.	COMMENT/NOTES
Top of Protective Casing to Weep Hole	1.2 ft.	_____ cm.	
Top of Protective Casing to Internal Mortar	1.2 ft.	_____ cm.	
Top of Protective Casing to Top of Cement Pad	1.65 ft.	_____ cm.	
Top of Protective Casing to Ground Level	1.80 ft.	_____ cm.	

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7200 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • (303)741-0555

Borehole: E-74A Well: 37392

Depth-feet	Soil/Rock Type	Well Completion	Description
			
			

3.5' Top of bentonite
Bentonite seal 3.5' to 8.5'

8.5' Top of SAND
SAND pack from 8.5' - 30.20'

13.21 Top of Screen
Screen from 13.21' - 29.43'

18.5' STATIC WATER ELEV

28.1' Top of bedrock
29.43 Bottom of screen
30.20' Total depth

Drill Site Geologist: Steven Pace Date: 7/13/87
Reviewed By: Joseph S. Rund Date: 11/18/87

ESE, Inc. COPE LOG By CDB Date 7.8.87 BORE E-74 Well(s) _____ Page 1 of 4

Box No.	Depth	Rec Int.	Structure/Bedding: Angle	Structure/Bedding: Desc.	Hardness S	Hardness H/L	Perm. 1° H/L	Perm. 2° H	Mineralogy: Min.	Mineralogy: Habit	Color M	Color G	Texture/Grain Size clist sd gr mm .01 LO 100	Lith. Chac	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
																Bedrock at 35', casing set to 36', coring starts at 36'
	36								carbon to 30%	fragments in matrix	2.5Y N3/0 very dk. gray			carbonaceous	CL	CLAYSTONE
			massive											37.5		end of predominant carbon
	38										2.5Y N5/0 gray					
		1.3							sand 2%							
	40															40' claystone becomes very soft & incompetent to 42.5'
1		3.1														
	42															
														42.5		sandy claystone
		4												SANDY sand 25%	CL	
	44								clay frag 10%							
		4														
	46															
														46.5		sandy, silty claystone
									sand 3%					sand 5% silt 10%		
	48															
		4.2														
		4.5		irregularly fissile to 56'										49'		carbonaceous claystone
	50								carbon to 35%	fragments in matrix	2.5Y N3/0 very dark gray					
2																
	52															
		3.2														
		5														

BORE E-74 WELL(S)

ESE, Inc.

ESE, Inc. CORE LOG By LDB Date 7-9-87 BORE E-74 Well(s) _____ Page 2 of 4

Core 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 mm .01 .1 1.0 10.0 100	Lith. Chac.	Lith. Class: Ft	CM (Scale 1" = 2 ft) Description/Comments
	56					Massive							cbn 10%	frag + massive	2.5Y	N3/0 very dark gray		carbonaceous	CL	CLAYSTONE
	58																			
		1.3																		
	60	5																		
																				End of pervasive carbon
		2.1																61'	CL	Core recovery from spirals
	62	1													5Y	5/1 gray				
		5																		
	64	4																		
													cbn 5%		5Y	4/1 dark gray				
	(3)																			
	66																			
	68																			
		5																68'		
		5											Sand to 15% cbn to 10%		5Y	6/1 gray		sandy zones/areas discrete in claystone		
	70																			
																		71' silt 20%	SS	SANDSTONE - SILTY
	72												cbn 5%	frag						
		4.1																		
		5																		
	74																			

SE, Inc. BORE E-74 WELL(S)

ESE, Inc. CORE LOG By CDB Date 7-96? BORE E-74 Well(s) _____ Page 3 of 4

Box no.	DEPTH	Rec. Int.	Weath. U S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S H	Perm. 1° L Hi L	Perm. 2° L H	Mineralogy Min.	Mineralogy Habit	Color M G	Texture/Grain Size clay sd gr .01 1.0 100	Lith. Char.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	70				Rubble Shale				2% Pyrite (grains to 1/8")		5Y 6/1 grey		silt 5%	SS	Silty sandstone
													75½	CL	claystone interbed
													76'	SS	
	78												silt 15%		
(4)		1.5													
		5													
	80														
	82														
		5											83'	CL	CLAYSTONE
	84	1													
		5											85'		sandy interbed
													85.4		
	86														
(5)															
	88												88'		silty interbed
		5											89.3		
		1													
		5													
	90														
	92														
		5													
		5													
	94														silty interbed

BORE E-74 WELL(S)

ESE, Inc.

SE, Inc. CORE LOG By CDB Date 7-9-87 BORE E-24 Well(s) _____ Page 4 of 4

Box #	DEPTH	Rec. Int.	Weath. U	Weath. S	Structure/Bedding Angle	Structure/Bedding Desc.	Hardness S	Hardness HI	Perm. 1° L	Perm. 1° HI	Perm. 2° L	Perm. 2° HI	Mineralogy Min.	Mineralogy Habit	Color M	Color G	Texture/Grain Size clst sd gr mm .01 LO 100	Lith. Chac.	Lith. Class Ft	Description/Comments CM (Scale 1" = 2 ft)
	94					Massive									5Y 6/1	gray			CL	CLAYSTONE
																		95'		silty interbed
																		96'		
	98																			
(6)		5																		
		5																		
	100																	100'	SS	SANDSTONE
																				(pyritic 2%- massive pyrite)
	102																			
		5				X-bedding												102'		coarser and more fragmental texture to 104'
		5				cbn along bedding														
	104																			
	106																	106.5	CL	CLAYSTONE
(7)						Massive														carbonaceous seam
	108																			
		5																		
		5																		
	110																			
	111																			Total Depth 111'

Reviewed By _____ Date _____

Frontier Logging
Lakewood, Colorado

Date JULY 7, 1987

Company: ESE	Driller Depth: 111 Ft	Miles Round Trip:	
Well No: E-74	Bit Size: 3 7/8"	Standby:	
Job/Project: RMA	Casing Depth: 36 Ft	Time In: 1145	Time Out: 1255
County: ADAMS COUNTY	State: COLORADO	Fluid In Hole: water	Unit No.: 110
Section:	Township:	Range:	Elevation:
		Density/ Viscosity:	Rm:
	Log Measured From: Ground Level	Drilling Measured From: Ground Level	Operator: Wm. Linton
			Location: Lakewood

EQUIPMENT DATA

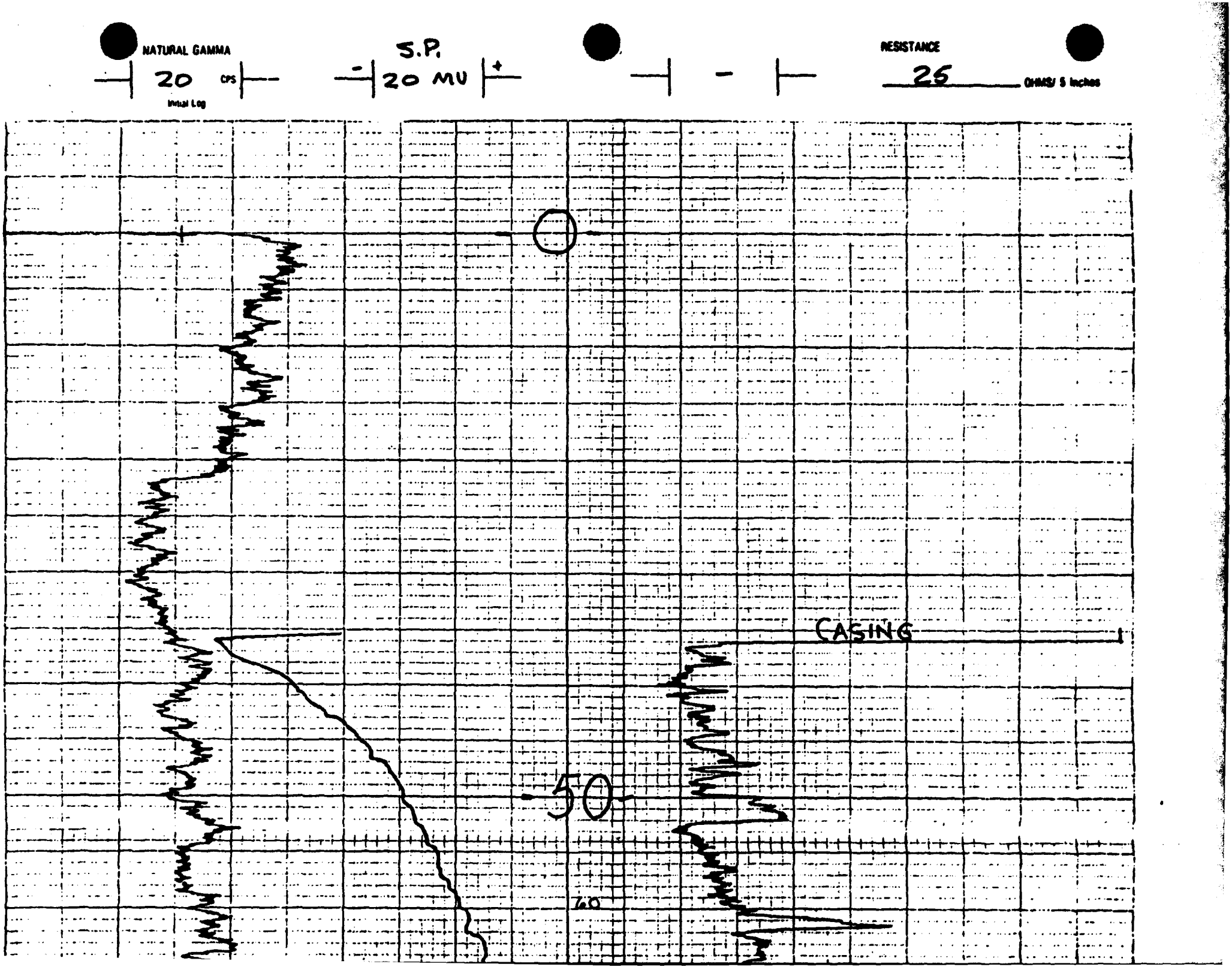
D. Logged: 104 Ft	
Natural Gamma: 200 Scale = 20 CPS per Inch	
Time Constant: 2 Sec	Logging Speed: 15 Ft/Min
Probe Source Nor Value: = CPS	
Probe No: 103-1041	Probe Diameter: 1 5/8"
Detector Type Size: xtal 3/4 x 1"	
Factor: 1.60 x 10^{-5}	Dead Time: 7 Microsec.
Water Factor: 1.10	for hole size 3 7/8"
Casing Factor:	for wall size
Resistance: 25 ohms/5"	Ohms per 5 Inches
S P: 20 MV/Inch	MV per Inch

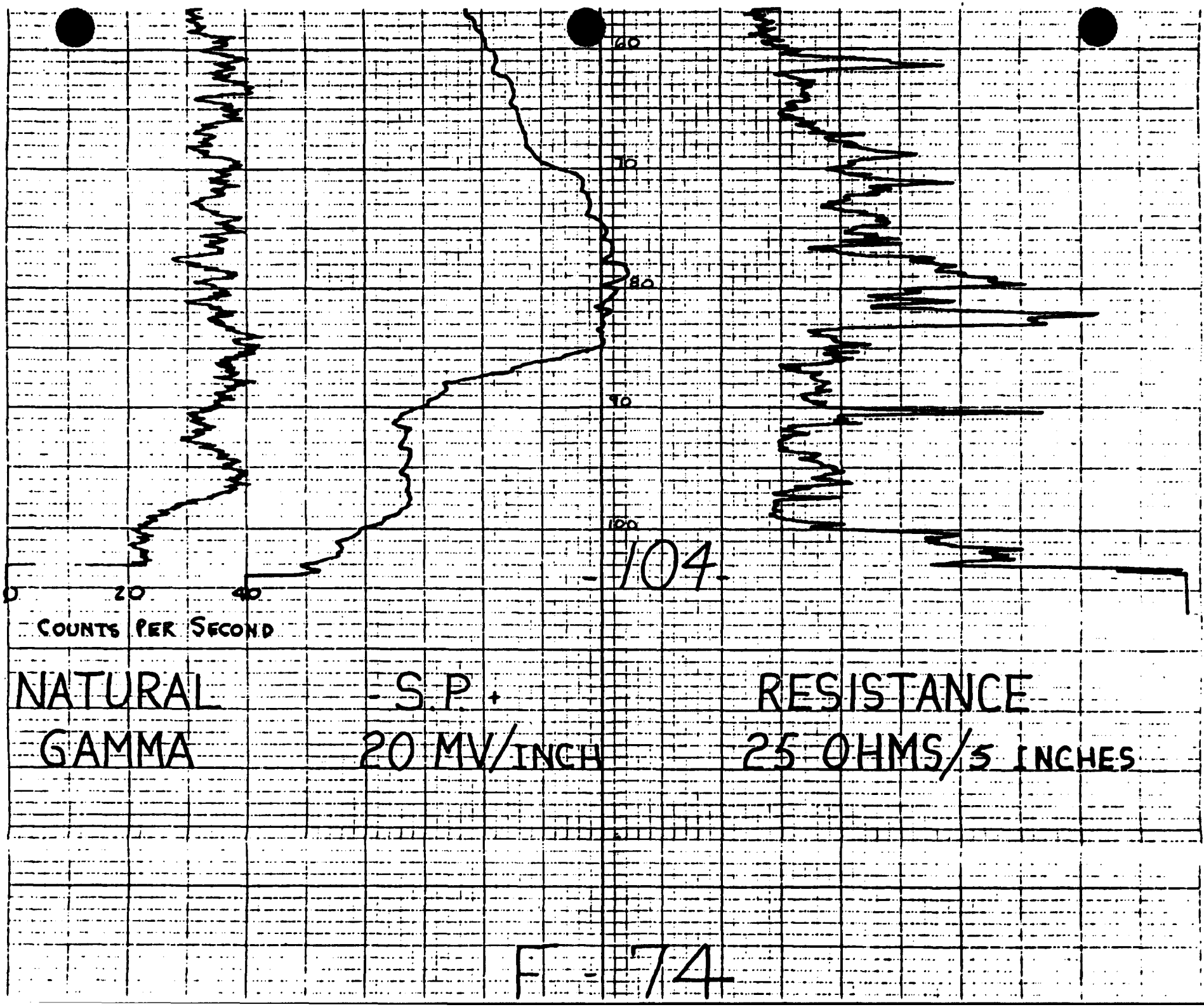
NATURAL GAMMA RERUNS (ANALOG) (initial log off scale)

Scale = CPS/in	Scale = CPS/in	Scale = CPS/in	Scale = CPS/in
T C Sec / Logging Speed Ft/Min	T C Sec / Logging Speed Ft/Min	T C Sec / Logging Speed Ft/Min	T C Sec / Logging Speed Ft/Min
From Ft To Ft	From Ft To Ft	From Ft To Ft	From Ft To Ft
Total Ft	Total Ft	Total Ft	Total Ft

Gamma (Analog) Ft		Density Source No	
Gamma (Digital) Ft		Type	Strength
Caliper Ft		CPS/Inch	
Temperature Ft			Ft
DIRECTIONAL DATA		Neutron Source No	
Closure Ft		Type	Strength
Azimuth		CPS/Inch	
True Vertical Ft	Survey Depth Ft		Ft

NATURAL GAMMA: 20 CPS (Initial Log) | S.P.: - 20 MV + | RESISTANCE: 25 OHMS/ 5 Inches


NATURAL GAMMA
20 cps
Initial Log
S.P.
20 MV
RESISTANCE
25 OHMS/ 5 Inches
0
CASING
-50-
20


FRONTIER LOGGING CORPORATION
60
70
80
90
100
0
20
40
COUNTS PER SECOND
-104-
NATURAL GAMMA
-S.P.+
20 MV/INCH
RESISTANCE
25 OHMS/5 INCHES
F-74

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7888 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0839

BOREHOLE SUMMARY LOG

Borehole E-74 Well 37392

Project Name and Location MW Installation - N½ RMA Project Number Task 39

Drilling Company Boyles Driller B Roads Rig Number Failing 1500

Drilling Method(s) Rotary

Size(s) and type(s) of bit(s) 7 7/8", 3 3/4" bit

Borehole Diameter 7 7/8 in. ____ cm. 0 ft. ____ cm. to 36 ft. ____ cm.

3 3/4 in. ____ cm. 36 ft. ____ cm. to 111 ft. ____ cm.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes ____

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 7.2.87 0943

Date/Time Completed Drilling 7.7.87 0830

Total Borehold Depth 111 ft. ____ cm.

Depth to Bedrock 35' ft. ____ cm.

Depth to Water — ft. ____ cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 1410 7.7.87

Depth of Tremmie Pipe 110'

Gallons of Grout 80 bags cob

Materials Used 80 gals. water, 8 bags cement, 3/4 bag bentonite

Comments hole grouted to surface

Wellsite Geologist C D Benson Date 7.8.87

Checked for Grout Settlement on 11/18/87 by [signature]

Amount of Grout Added none

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 11/18/87

Drill Site Geologist ____ Date ____

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7322 SOUTH ALTON WAY • SUITE H-I
ENGLEWOOD, COLORADO 80112 • 303/741-0830

Borehole: E-74A Well Number: 37392

Depth-Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1 0.0'-2.0'	100% 2.0'/2.0'			SM	Silty SAND, 35% silt, fine to coarse grained sand, 10YR 4/4, Dark yellowish brown, medium dense, moist, non plastic
2					CL	Clay, 20% SAND, fine to coarse sand, 10YR 5/4, yellowish brown, stiff, moist, medium plastic, calcareous.
3	2 2.0'-4.0'	1.6'/2.0'				
4						Sand increases to 35%, fine to coarse grained
5	3 4.0'-6.0'	1.4'/2.0'				
6						
7	4 6.0'-8.0'	1.2'/2.0'			SM	Silty SAND, 15% Silt, fine to coarse grained sand, 10YR 6/4, light yellowish brown, med. dense, moist, non-plastic
8					SC	Clayey Sand, 20% clay, fine to very coarse grained SAND, 10YR 5/6, Yellowish brown medium dense, moist, slplastic.
9	5 8.0'-10.0'	1.4'/2.0'				
10						
	6 10.0'-12.0'	1.8'/2.0'			SM	Silty Sand, 15% silt, fine to coarse grained sand (from 10.5' to 10.8')

Drill Site Geologist: Steven Pace Date: 7/6/87

Reviewed By: Joseph L. Reed Date: 9/29/87

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7300 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0050

Borehole: E-79A Well Number: 37392

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	6 10.0'-12.0'	1.8'/2.0'			SM	2.5Y 6/6, Olive yellow, medium dense, moist, non plastic
12					CL	Clay, 30% Sand, fine to coarse grained sand, 2.5Y 5/4 light olive brown, stiff, moist, medium plastic
13	7 12.0'-14.0'	1.8'/2.0'			SC	Sandy Clay, 30% Clay, 10YR 5/3, brown, medium dense, moist, brown, low plastic (fine to coarse grained sand)
14						
15	8 14.0'-16.0'	100% 2.0'/2.0'			SP	Poorly graded Sands, fine to coarse grained sands, 5% small gravels, 2.5Y 6/4, light yellowish brown, loose, moist, non plastic
16						
17	9 16.0'-18.0'	20'/2.0'			GP	Poorly graded gravels, fine to medium, 10YR 6/4, light yellowish brown, loose, moist, non plastic
18					SP	Poorly graded Sands, fine to very coarse grained, 10YR 7/2 light grey, loose, moist, non plastic SANDS saturated at 19.0'
19	10 18.0'-20.0'	2.0'/2.0'				
20						
	11 20.0'-22.0'					

Drill Site Geologist: Steve Pargo Date: 7/9/87

Reviewed By: Joseph L. Reed Date: 7/29/87

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

Borehole: E-74A Well Number: 37392

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	11 20.0'-22.0'	0.0'/2.0'			SP	Poorly graded sands, fine to very coarse grained 10YR 7/2, light grey, loose, ~~saturated~~ dry, non plastic No recovery from 20.0' - 22.0' cuttings ind. otherwise poorly graded sands (SP)
22						
23	12 22.0'-24.0'	.3'/2.0'			SP	No Recovery from ~~22.0'~~ 24.0' - 27.0' Auger cuttings indicate poorly graded sands (SP) with possible silty sand lenses (SM) Poorly graded sands (SP) from 22.0'-29.0', fine to medium grained 10YR 7/2, light grey, loose, saturated, non plastic.
24						
25						
26						
27						
28	14 27.0'-29.0'	100% 2.0'/2.0'		28.1'	SP	Poorly graded SANDS, fine to very coarse grained, 10% gravel, 10YR 7/2, light grey, loose, saturated, non-plastic CLAYSTONE BEDROCK, Olive, fe stains
29						TD 29.0'

Drill Site Geologist: Steven Pargis Date: 7/13/87

Reviewed By: Joseph L. Reed Date: 9/29/87

APPENDIX A.4
WATER QUALITY DATA

TASK 25 ANALYTES AND CERTIFIED REPORTING LIMITS

GROUP	ANALYTE NAME (BRIEF)	ANALYTE NAME (LONG)	CRL (GNV)	CRL (DEN)
PEST	CL6CP	Hexachlorocyclopentadiene	0.070	0.083
PEST	ALDRN	Aldrin	0.083	0.083
PEST	ISODR	Isodrin	0.060	0.056
PEST	PPDDE	Dichlorodiphenylethane	0.053	0.046
PEST	DLDRN	Dieldrin	0.060	0.054
PEST	ENDRN	Endrin	0.052	0.060
PEST	PPDDT	Dichlorodiphenyltrichlorethane	0.070	0.152
MISC	DCPD	Dicyclopentadiene	9.310	9.310
MISC	MIBK	Methylisobutyl ketone	12.900	12.900
MISC	DBCP	Dibromochloropropane	0.130	0.130
MISC	DMMP	Dimethylmethyl phosphonate	15.200	0.000
MISC	DIMP	Diisopropylmethyl phosphonate	10.500	0.000
ORGSUL	DMDS	Dimethyldisulfide	1.800	1.160
ORGSUL	OXAT	1,4-Oxathiane	2.000	1.350
ORGSUL	DITH	1,4-Dithiane	1.100	3.340
ORGSUL	CPMS	p-chlorophenylmethyl sulfide	1.300	1.080
ORGSUL	CPMSO	p-chlorophenylmethyl sulfoxide	4.200	1.980
ORGSUL	CPMSO2	p-cholorphenylmethyl sulfone	4.700	2.240
AROMAT	C6H6	Benzene	1.340	1.920
ORGSUL	BTZ	Benzothiazole	2.000	1.140
AROMAT	ETC6H5	Ethylbenzene	1.280	0.620
AROMAT	MEC6H5	Toluene	1.210	2.100
AROMAT	XYLEN	o,p-Xylene	2.470	1.340
AROMAT	MXYLEN	m-Xylene	1.350	1.040
HALOG	11DCE	1,1-Dichloroethene	1.100	1.850
HALOG	CH2CL2	Methylene Chloride	5.000	2.480
HALOG	T12DCE	T-1,2-Dichloroethane	1.200	1.750
HALOG	11DCLE	1,1-Dichloroethane	1.200	1.930
HALOG	12DCLE	1,2-Dichloroethane	0.610	2.070
HALOG	CHCL3	Chloroform	1.400	1.880
HALOG	CCL4	Carbon tetrachloride	2.400	1.690
HALOG	111TCE	1,1,1-Trichloroethane (TCA)	1.700	1.090
HALOG	112TCE	1,1,2-Trichloroethane	1.000	1.630
HALOG	TRCLE	Trichloroethane (TCE)	1.100	1.310
HALOG	CLC6H5	Chlorobenzene	0.580	1.360

TASK 25 ANALYTES AND CERTIFIED REPORTING LIMITS

GROUP	ANALYTE NAME (BRIEF)	ANALYTE NAME (LONG)	CRL (GNV)	CRL (DEN)
HALOG	TCLEE	Tetrachloroethane (PCE)	1.300	2.760
HALOG	CLDAN	Chlordane	0.000	0.000
ANION	FL	Flouride	1200.000	1000.000
ANION	CL	Chloride	4800.000	1590.000
ANION	NIT	Nitrogen	0.000	0.000
ANION	SO4	Sulfate	10000.000	5000.000
ALKMET	MG	Magnesium	0.000	0.000
ALKMET	CA	Calcium	0.000	0.000
ALKMET	K	Potassium	0.000	0.000
ALKMET	NA	Sodium	0.000	0.000
METAL	CR	Chromium	6.000	0.000
METAL	CD	Cadmium	5.200	0.000
METAL	PB	Lead	18.500	0.000
METAL	CU	Copper	7.900	0.000
METAL	HG	Mercury	2.400	0.000
METAL	ZN	Zinc	0.000	0.000
METAL	AS	Arsenic	2.500	2.500
GEOL	SPCOND	Specific Conductance	0.000	0.000
GEOL	PH	Ph	0.000	0.000

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 19001

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	23.6 - 39.6	2.0	25.1	SS	4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1310.000	.	1	1310.000	1310.000	1310.000
CL	.	.	147000.000	.	1	147000.000	147000.000	147000.000
NTT	.	.	176.000	.	1	176.000	176.000	176.000
SO4	.	.	570000.000	.	1	570000.000	570000.000	570000.000
MG	.	.	46400.000	.	1	46400.000	46400.000	46400.000
CA	.	.	158000.000	.	1	158000.000	158000.000	158000.000
K	.	.	2710.000	.	1	2710.000	2710.000	2710.000
NA	.	.	202000.000	.	1	202000.000	202000.000	202000.000
CR	.	.	17.900	.	1	17.900	17.900	17.900
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 19003

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	13.0 - 21.0	2.0	5.0	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	8.920	.	1	8.920	8.920	8.920
ENDRN	.	.	0.198	.	1	0.198	0.198	0.198
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2340.000	.	1	2340.000	2340.000	2340.000
CL	.	.	173000.000	.	1	173000.000	173000.000	173000.000
NIT	.	.	3210.000	.	1	3210.000	3210.000	3210.000
SO4	.	.	1800000.000	.	1	1800000.000	1800000.000	1800000.000
MG	.	.	89300.000	.	1	89300.000	89300.000	89300.000
CA	.	.	304000.000	.	1	304000.000	304000.000	304000.000
K	.	.	4840.000	.	1	4840.000	4840.000	4840.000
NA	.	.	442000.000	.	1	442000.000	442000.000	442000.000
CR	.	.	43.200	.	1	43.200	43.200	43.200
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	59.600	.	1	59.600	59.600	59.600
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 19015

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	55.0 - 75.0	2.0	39.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	83300.000	.	1	83300.000	83300.000	83300.000
NTT	.	.	137.000	.	1	137.000	137.000	137.000
SO4	.	.	987000.000	.	1	987000.000	987000.000	987000.000
MG	.	.	26500.000	.	1	26500.000	26500.000	26500.000
CA	.	.	124000.000	.	1	124000.000	124000.000	124000.000
K	.	.	4620.000	.	1	4620.000	4620.000	4620.000
NA	.	.	495000.000	.	1	495000.000	495000.000	495000.000
CR	.	.	12.500	.	1	12.500	12.500	12.500
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	16.700	.	1	16.700	16.700	16.700
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 19017

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	27.0 - 47.0	2.0	13.0	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIREX	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	44200.000	.	1	44200.000	44200.000	44200.000
NTT	.	.	22800.000	.	1	22800.000	22800.000	22800.000
SO4	.	.	194000.000	.	1	194000.000	194000.000	194000.000
MG	.	.	19500.000	.	1	19500.000	19500.000	19500.000
CA	.	.	76300.000	.	1	76300.000	76300.000	76300.000
K	.	.	10900.000	.	1	10900.000	10900.000	10900.000
NA	.	.	146000.000	.	1	146000.000	146000.000	146000.000
CR	.	.	13.300	.	1	13.300	13.300	13.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	304.000	.	1	304.000	304.000	304.000
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22005

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.0 - 43.5	4.0	43.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	<0.083	0			
ALDRN	<0.088	.	<0.083	<0.083	0			
ISODR	<0.072	.	<0.056	<0.056	0			
PPDDE	<0.071	.	<0.046	<0.046	0			
DLDRN	0.090	.	0.087	0.148	3	0.087	0.148	0.108
ENDRN	<0.063	.	<0.060	<0.060	0			
PPDDT	<0.066	.	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	.	<16.300	0			
DIMP	<10.500	<10.500	.	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	14.200	3.100	16.500	23.200	4	3.100	23.200	14.250
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	.	<0.152	<0.152	0			
FL	1590.000	1570.000	1930.000	2120.000	4	1570.000	2120.000	1802.500
CL	288000.000	323000.000	286000.000	302000.000	4	286000.000	323000.000	299750.000
SO4	174000.000	159000.000	156000.000	157000.000	4	156000.000	174000.000	161500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1450.000	1280.000	2	1280.000	1450.000	1365.000
PH	.	.	7.680	8.300	2	7.680	8.300	7.990

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22006

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	18.5 - 22.5	2.0	22.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	<1.920	<1.340	3.720	1	3.720	3.720	3.720
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	<0.620	<1.280	<0.620	0			
MEC6H5	<1.210	<2.100	<1.210	<2.100	0			
XYLEN	<2.470	<1.340	<2.470	<1.340	0			
MXYLEN	<1.350	<1.040	<1.350	<1.040	0			
11DCE	<1.100	<1.850	<1.100	<1.850	0			
CH2CL2	<5.000	<2.480	<5.000	<2.480	0			
T12DCE	<1.200	<1.750	<1.200	<1.750	0			
11DCLE	<1.200	<1.930	<1.200	<1.930	0			
12DCLE	<0.610	<2.070	<0.610	<2.070	0			
CHCL3	<1.400	<1.880	<1.400	<1.880	0			
CCL4	<2.400	<1.690	<2.400	<1.690	0			
111TCE	<1.700	<1.090	<1.700	<1.090	0			
112TCE	<1.000	<1.630	<1.000	<1.630	0			
TRCLE	<1.100	<1.310	<1.100	<1.310	0			
CLC6H5	<0.580	<1.360	<0.580	<1.360	0			
TCLEE	<1.300	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	5430.000	4980.000	4130.000	5640.000	4	4130.000	5640.000	5045.000
CL	94400.000	97800.000	112000.000	106000.000	4	94400.000	112000.000	102550.000
NTT	.	.	3000.000	.	1	3000.000	3000.000	3000.000
SO4	1260000.000	1280000.000	1270000.000	1400000.000	4	1260000.000	1400000.000	1302500.000
MG	.	.	43500.000	.	1	43500.000	43500.000	43500.000
CA	.	.	152000.000	.	1	152000.000	152000.000	152000.000
K	.	.	5550.000	.	1	5550.000	5550.000	5550.000
NA	.	.	463000.000	.	1	463000.000	463000.000	463000.000
CR	.	.	15.500	.	1	15.500	15.500	15.500
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1800.000	1	1800.000	1800.000	1800.000
PH	.	.	.	70.700	1	70.700	70.700	70.700

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22008

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.0 - 63.3	4.0	63.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	0.581	0.784	0.654	0.520	4	0.520	0.784	0.635
ENDRN	<0.063	<0.060	0.294	0.264	2	0.264	0.294	0.279
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.359	0.282	0.344	0.367	4	0.282	0.367	0.338
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	38.900	25.500	58.300	45.800	4	25.500	58.300	42.125
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	3.530	.	.	.	1	3.530	3.530	3.530
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	10.700	<2.070	<2.070	1	10.700	10.700	10.700
CHCL3	15.800	40.500	20.400	18.100	4	15.800	40.500	23.700
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	2.150	3.160	2.620	1.690	4	1.690	3.160	2.405
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	2500.000	2980.000	2840.000	3	2500.000	2980.000	2773.333
CL	261000.000	660000.000	736000.000	745000.000	4	261000.000	745000.000	600500.000
SO4	364000.000	366000.000	407000.000	399000.000	4	364000.000	407000.000	384000.000
AS	9.190	6.850	9.370	8.300	4	6.850	9.370	8.427
SPCOND	.	.	2580.000	2660.000	2	2580.000	2660.000	2620.000
PH	.	.	7.250	7.280	2	7.250	7.280	7.265

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22011

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.5 - 42.5	2.0	42.5	SH	$WQAQ_1$	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450	<0.083	<0.083	<0.083	0			
ALDRN	<0.270	<0.083	<0.083	<0.083	0			
ISODR	<0.216	<0.056	<0.056	<0.056	0			
PPDDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	0.313	0.221	0.100	0.173	4	0.100	0.313	0.202
ENDRN	0.170	<0.060	<0.060	<0.060	1	0.170	0.170	0.170
PPDDT	<0.210	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	2.180	<2.070	<2.070	1	2.180	2.180	2.180
CHCL3	<1.880	19.800	<1.880	<1.880	1	19.800	19.800	19.800
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.152	<0.152	<0.152	0			
FL	3040.000	<9090.000	3220.000	2870.000	3	2870.000	3220.000	3043.333
CL	409000.000	382000.000	402000.000	375000.000	4	375000.000	409000.000	392000.000
SO4	315000.000	326000.000	321000.000	312000.000	4	312000.000	326000.000	318500.000
AS	6.860	6.650	5.830	2.790	4	2.790	6.860	5.533
SPCOND	.	.	1800.000	2380.000	2	1800.000	2380.000	2090.000
PH	.	.	7.700	7.680	2	7.680	7.700	7.690

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22015

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	41.0 - 51.0	2.0	51.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	0.235	0.056	2	0.056	0.235	0.145
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.269	0.175	0.147	<0.130	3	0.147	0.269	0.197
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	14.400	<10.500	<10.500	10.800	2	10.800	14.400	12.600
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<1.220	<2.070	<2.070	<2.070	0			
CHCL3	16.100	48.700	28.100	26.900	4	16.100	48.700	29.950
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	1.550	1.940	<1.310	2	1.550	1.940	1.745
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2770.000	2910.000	2940.000	2750.000	4	2750.000	2940.000	2842.500
CL	717000.000	537000.000	460000.000	425000.000	4	425000.000	717000.000	534750.000
SO4	312000.000	260000.000	232000.000	230000.000	4	230000.000	312000.000	258500.000
AS	6.150	4.580	4.270	4.060	4	4.060	6.150	4.765
SPCOND	.	.	.	2360.000	1	2360.000	2360.000	2360.000
PH	.	.	.	7.400	1	7.400	7.400	7.400

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22016

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.0 - 47.0	2.0	47.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.191	0.115	0.192	0.172	4	0.115	0.192	0.167
ENDRN	<0.126	<0.060	0.112	<0.060	1	0.112	0.112	0.112
PPDDT	<0.140	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	12.000	16.000	2	12.000	16.000	14.000
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	2.950	<2.480	<2.480	<2.480	1	2.950	2.950	2.950
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	35.400	56.300	30.200	32.700	4	30.200	56.300	38.650
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	1.450	2.170	<1.310	2	1.450	2.170	1.810
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	2490.000	2460.000	2100.000	2180.000	4	2100.000	2490.000	2307.500
CL	335000.000	389000.000	353000.000	402000.000	4	335000.000	402000.000	369750.000
SO4	193000.000	198000.000	194000.000	234000.000	4	193000.000	234000.000	204750.000
AS	<2.500	<2.500	2.930	2.790	2	2.790	2.930	2.860
SPCOND	.	.	1700.000	2340.000	2	1700.000	2340.000	2020.000
PH	.	.	7.500	7.500	2	7.500	7.500	7.500

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22017

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	42.0 - 52.0	2.0	52.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.083	0.115	1	0.115	0.115	0.115
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.174	0.097	0.272	0.153	4	0.097	0.272	0.174
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.140	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	19.400	61.300	34.200	14.300	4	14.300	61.300	32.300
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	2110.000	2020.000	2220.000	2000.000	4	2000.000	2220.000	2087.500
CL	303000.000	389000.000	430000.000	315000.000	4	303000.000	430000.000	359250.000
SO4	175000.000	199000.000	231000.000	174000.000	4	174000.000	231000.000	194750.000
AS	<2.500	<2.500	3.370	<2.500	1	3.370	3.370	3.370
SPCOND	.	.	.	2110.000	1	2110.000	2110.000	2110.000
PH	.	.	.	7.520	1	7.520	7.520	7.520

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22018

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	30.5 - 40.5	2.0	40.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	<1.920	<1.920	6.770	1	6.770	6.770	6.770
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<1.220	<2.070	<2.070	<2.070	0			
CHCL3	7.580	25.600	10.300	10.500	4	7.580	25.600	13.495
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1650.000	1690.000	1900.000	1770.000	4	1650.000	1900.000	1752.500
CL	348000.000	657000.000	312000.000	335000.000	4	312000.000	657000.000	413000.000
SO4	182000.000	174000.000	168000.000	167000.000	4	167000.000	182000.000	172750.000
AS	21.300	2.980	<2.500	<2.500	2	2.980	21.300	12.140
SPCOND	.	.	.	1410.000	1	1410.000	1410.000	1410.000
PH	.	.	.	7.400	1	7.400	7.400	7.400

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22019

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	42.0 - 52.0	2.0	52.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIREX	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	7.410	19.900	11.000	18.900	4	7.410	19.900	14.303
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<3.000	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1760.000	1560.000	1820.000	1650.000	4	1560.000	1820.000	1697.500
CL	288000.000	310000.000	315000.000	326000.000	4	288000.000	326000.000	309750.000
SO4	204000.000	175000.000	171000.000	174000.000	4	171000.000	204000.000	181000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1310.000	1	1310.000	1310.000	1310.000
PH	.	.	.	7.700	1	7.700	7.700	7.700

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22021

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.1 - 47.1	2.0	57.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MTBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	21.000	.	13.100	.	2	13.100	21.000	17.050
CCLA	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	1290.000	.	1230.000	.	2	1230.000	1290.000	1260.000
CL	305000.000	.	387000.000	.	2	305000.000	387000.000	346000.000
NTT	.	.	3720.000	.	1	3720.000	3720.000	3720.000
SO4	162000.000	.	2520000.000	.	2	162000.000	2520000.000	1341000.000
MG	.	.	34500.000	.	1	34500.000	34500.000	34500.000
CA	.	.	122000.000	.	1	122000.000	122000.000	122000.000
K	.	.	5380.000	.	1	5380.000	5380.000	5380.000
NA	.	.	197000.000	.	1	197000.000	197000.000	197000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	33.500	.	1	33.500	33.500	33.500
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22023

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	70.0 - 80.0	2.0	57.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.200	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	<1.920	<1.340	<1.920	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	<0.620	<1.280	<0.620	0			
MEC6H5	<1.210	<2.100	<1.210	<2.100	0			
XYLEN	<2.470	<1.340	<2.470	<1.340	0			
MXYLEN	<1.350	<1.040	<1.350	<1.040	0			
11DCE	<1.100	<1.850	<1.100	<1.850	0			
CH2CL2	<5.000	<2.480	<5.000	<2.480	0			
T12DCE	<1.200	<1.750	<1.200	<1.750	0			
11DCLE	<1.200	<1.930	<1.200	<1.930	0			
12DCLE	<0.610	<2.070	<0.610	<2.070	0			
CHCL3	<1.400	<1.880	<1.400	<1.880	0			
CCL4	<2.400	<1.690	<2.400	<1.690	0			
111TCE	<1.700	<1.090	<1.700	<1.090	0			
112TCE	<1.000	<1.630	<1.000	<1.630	0			
TRCLE	<1.100	<1.310	<1.100	<1.310	0			
CLC6H5	<0.580	<1.360	<0.580	<1.360	0			
TCLEE	<1.300	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1220.000	<1000.000	0			
CL	84100.000	82200.000	104000.000	67300.000	4	67300.000	104000.000	84400.000
NIT	.	.	108.000	.	1	108.000	108.000	108.000
SO4	62700.000	76800.000	62400.000	59200.000	4	59200.000	76800.000	65275.000
MG	.	.	5640.000	.	1	5640.000	5640.000	5640.000
CA	.	.	51500.000	.	1	51500.000	51500.000	51500.000
K	.	.	1740.000	.	1	1740.000	1740.000	1740.000
NA	.	.	72400.000	.	1	72400.000	72400.000	72400.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	<2.500	<2.500	4.240	<2.500	1	4.240	4.240	4.240
SPCOND	.	.	.	600.000	1	600.000	600.000	600.000
PH	.	.	.	8.300	1	8.300	8.300	8.300

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22024

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	95.0 - 105.0	2.0	57.0	SH	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	12300.000	.	14600.000	.	2	12300.000	14600.000	13450.000
NTT	.	.	201.000	.	1	201.000	201.000	201.000
SO4	72100.000	.	83700.000	.	2	72100.000	83700.000	77900.000
MG	.	.	<500.000	.	0			
CA	.	.	50000.000	.	1	50000.000	50000.000	50000.000
K	.	.	2480.000	.	1	2480.000	2480.000	2480.000
NA	.	.	98500.000	.	1	98500.000	98500.000	98500.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	12.500	.	1	12.500	12.500	12.500
HG	.	.	<0.359	.	0			
ZN	.	.	45.600	.	1	45.600	45.600	45.600
AS	<2.500	.	4.940	.	1	4.940	4.940	4.940

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22027

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	65.0 - 75.0	2.0	44.0	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	> 9.040	.	1	9.040	9.040	9.040
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1900.000	.	1	1900.000	1900.000	1900.000
CL	.	.	346000.000	.	1	346000.000	346000.000	346000.000
NTT	.	.	379.000	.	1	379.000	379.000	379.000
SO4	.	.	1990000.000	.	1	1990000.000	1990000.000	1990000.000
MG	.	.	38500.000	.	1	38500.000	38500.000	38500.000
CA	.	.	460000.000	.	1	460000.000	460000.000	460000.000
K	.	.	10100.000	.	1	10100.000	10100.000	10100.000
NA	.	.	838000.000	.	1	838000.000	838000.000	838000.000
CR	.	.	26.000	.	1	26.000	26.000	26.000
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	41.200	.	1	41.200	41.200	41.200
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22028

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	100.0 - 115.0	2.0	44.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIEK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BIZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1740.000	.	1	1740.000	1740.000	1740.000
CL	.	.	643000.000	.	1	643000.000	643000.000	643000.000
NTT	.	.	224.000	.	1	224.000	224.000	224.000
SO4	.	.	1550000.000	.	1	1550000.000	1550000.000	1550000.000
MG	.	.	9740.000	.	1	9740.000	9740.000	9740.000
CA	.	.	273000.000	.	1	273000.000	273000.000	273000.000
K	.	.	5050.000	.	1	5050.000	5050.000	5050.000
NA	.	.	737000.000	.	1	737000.000	737000.000	737000.000
CR	.	.	6.620	.	1	6.620	6.620	6.620
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22030

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	100.0 - 110.0	2.0	29.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIREX	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1290.000	.	1	1290.000	1290.000	1290.000
CL	.	.	444000.000	.	1	444000.000	444000.000	444000.000
NTT	.	.	51.600	.	1	51.600	51.600	51.600
SO4	.	.	773000.000	.	1	773000.000	773000.000	773000.000
MG	.	.	5200.000	.	1	5200.000	5200.000	5200.000
CA	.	.	122000.000	.	1	122000.000	122000.000	122000.000
K	.	.	2570.000	.	1	2570.000	2570.000	2570.000
NA	.	.	520000.000	.	1	520000.000	520000.000	520000.000
CR	.	.	14.400	.	1	14.400	14.400	14.400
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22031

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	124.0 - 134.0	2.0	29.0	SH	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	3.320	.	<1.980	.	1	3.320	3.320	3.320
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1140.000	<9090.000	<1220.000	1490.000	2	1140.000	1490.000	1315.000
CL	347000.000	395000.000	455000.000	238000.000	4	238000.000	455000.000	358750.000
NTT	.	.	34.400	.	1	34.400	34.400	34.400
SO4	450000.000	465000.000	476000.000	439000.000	4	439000.000	476000.000	457500.000
MG	.	.	1070.000	.	1	1070.000	1070.000	1070.000
CA	.	.	76200.000	.	1	76200.000	76200.000	76200.000
K	.	.	2010.000	.	1	2010.000	2010.000	2010.000
NA	.	.	444000.000	.	1	444000.000	444000.000	444000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	113.000	.	1	113.000	113.000	113.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1600.000	1	1600.000	1600.000	1600.000
PH	.	.	.	8.640	1	8.640	8.640	8.640

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22033

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	31.5 - 55.5	2.0	55.5		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.155	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	.	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	15.700	29.000	16.200	17.400	4	15.700	29.000	19.575
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1300.000	1860.000	1680.000	1430.000	4	1300.000	1860.000	1567.500
CL	297000.000	309000.000	295000.000	322000.000	4	295000.000	322000.000	305750.000
SO4	160000.000	164000.000	153000.000	164000.000	4	153000.000	164000.000	160250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1300.000	1250.000	2	1250.000	1300.000	1275.000
PH	.	.	7.270	7.270	2	7.270	7.270	7.270

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22043

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	34.5 - 57.5	2.0	57.5		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.155	<0.046	<0.046	0			
DLDRN	0.136	0.112	0.147	0.181	4	0.112	0.181	0.144
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	19.400	130.000	40.400	46.000	4	19.400	130.000	58.950
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	1.790	<1.310	1	1.790	1.790	1.790
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1030.000	1460.000	1640.000	1400.000	4	1030.000	1640.000	1382.500
CL	185000.000	294000.000	323000.000	310000.000	4	185000.000	323000.000	278000.000
SO4	91200.000	136000.000	140000.000	138000.000	4	91200.000	140000.000	126300.000
AS	<2.500	<2.500	<2.500	10.000	1	10.000	10.000	10.000
SPCOND	.	.	.	990.000	1	990.000	990.000	990.000
PH	.	.	.	8.200	1	8.200	8.200	8.200

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22044

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	27.5 - 32.5	2.0	32.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.159	.	1	0.159	0.159	0.159
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
C6H6	.	.	7.420	.	1	7.420	7.420	7.420
ETC6H5	.	.	<0.620	.	0			
MEC6H5	.	.	<2.100	.	0			
XYLEN	.	.	<1.340	.	0			
MXYLEN	.	.	<1.040	.	0			
11DCE	.	.	<1.850	.	0			
CH2CL2	.	.	<2.480	.	0			
T12DCE	.	.	<1.750	.	0			
11DCLE	.	.	<1.930	.	0			
12DCLE	.	.	<2.070	.	0			
CHCL3	.	.	<1.880	.	0			
CCL4	.	.	<1.690	.	0			
111TCE	.	.	<1.090	.	0			
112TCE	.	.	<1.630	.	0			
TRCLE	.	.	<1.310	.	0			
CLC6H5	.	.	<1.360	.	0			
TCLEE	.	.	<2.760	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	3750.000	.	1	3750.000	3750.000	3750.000
CL	.	.	743000.000	.	1	743000.000	743000.000	743000.000
SO4	.	.	403000.000	.	1	403000.000	403000.000	403000.000
AS	.	.	4.720	.	1	4.720	4.720	4.720
SPCOND	.	.	2880.000	.	1	2880.000	2880.000	2880.000
PH	.	.	7.530	.	1	7.530	7.530	7.530

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22049

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	25.3 - 35.3	2.0	35.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
DCPD	.	.	<21.600	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	13.600	.	1	13.600	13.600	13.600
C6H6	.	.	<1.340	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22051

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	25.2 - 45.2	2.0	45.5		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.093	0.166	0.377	0.148	4	0.093	0.377	0.196
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	11.100	1	11.100	11.100	11.100
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	<1.920	<1.340	<1.920	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	<0.620	<1.280	<0.620	0			
MEC6H5	<1.210	<2.100	<1.210	<2.100	0			
XYLEN	<2.470	<1.340	<2.470	<1.340	0			
MXYLEN	<1.350	<1.040	<1.350	<1.040	0			
11DCE	<1.100	<1.850	<1.100	<1.850	0			
CH2CL2	<5.000	<2.480	<5.000	4.670	1	4.670	4.670	4.670
T12DCE	<1.200	<1.750	<1.200	<1.750	0			
11DCLE	<1.200	<1.930	<1.200	<1.930	0			
12DCLE	<0.610	<2.070	<0.610	<2.070	0			
CHCL3	<1.400	2.270	<1.400	<1.880	1	2.270	2.270	2.270
CCL4	<2.400	<1.690	<2.400	<1.690	0			
111TCE	<1.700	<1.090	<1.700	<1.090	0			
112TCE	<1.000	<1.630	<1.000	<1.630	0			
TRCLE	<1.100	<1.310	<1.100	<1.310	0			
CLC6H5	<0.580	<1.360	<0.580	<1.360	0			
TCLEE	<1.300	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	3000.000	2270.000	<1000.000	2	2270.000	3000.000	2635.000
CL	695000.000	716000.000	738000.000	278000.000	4	278000.000	738000.000	606750.000
NIT	.	.	19700.000	.	1	19700.000	19700.000	19700.000
SO4	263000.000	287000.000	295000.000	29200.000	4	29200.000	295000.000	218550.000
MG	.	.	31100.000	.	1	31100.000	31100.000	31100.000
CA	.	.	135000.000	.	1	135000.000	135000.000	135000.000
K	.	.	6810.000	.	1	6810.000	6810.000	6810.000
NA	.	.	444000.000	.	1	444000.000	444000.000	444000.000
CR	.	.	11.600	.	1	11.600	11.600	11.600
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	45.300	.	1	45.300	45.300	45.300
AS	6.980	6.030	5.820	<2.500	3	5.820	6.980	6.277
SPCONL	.	.	.	1670.000	1	1670.000	1670.000	1670.000
PH	.	.	.	7.700	1	7.700	7.700	7.700

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22053

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	30.0 - 50.0	2.0	46.5		2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.083	<0.083	<0.083	0			
ALDRN	<0.440	<0.083	<0.083	<0.083	0			
ISODR	<0.360	<0.056	<0.056	<0.056	0			
PPDDE	<0.355	<0.046	<0.046	<0.046	0			
DLDRN	0.373	<0.054	0.419	0.064	3	0.064	0.419	0.285
ENDRN	<0.315	<0.060	<0.060	0.070	1	0.070	0.070	0.070
PPDDT	<0.330	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.167	0.286	0.279	0.237	4	0.167	0.286	0.242
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	28.100	29.400	24.800	37.900	4	24.800	37.900	30.050
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	8.930	.	.	.	1	8.930	8.930	8.930
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	8.540	27.400	15.300	13.000	4	8.540	27.400	16.060
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	3.280	1.680	1.470	3	1.470	3.280	2.143
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<1.170	<0.152	<0.152	<0.152	0			
FL	<1000.000	<9090.000	3030.000	3030.000	2	3030.000	3030.000	3030.000
CL	719000.000	764000.000	757000.000	726000.000	4	719000.000	764000.000	741500.000
SO4	360000.000	422000.000	430000.000	391000.000	4	360000.000	430000.000	400750.000
AS	6.900	9.120	7.660	<2.500	3	6.900	9.120	7.893
SPCOND	.	.	.	2800.000	1	2800.000	2800.000	2800.000
PH	.	.	.	7.320	1	7.320	7.320	7.320

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22059

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	42.7 - 52.7	2.0	53.4		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	0.165	.	<0.056	.	1	0.165	0.165	0.165
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	0.188	.	1	0.188	0.188	0.188
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	0.223	.	<0.130	.	1	0.223	0.223	0.223
DMMP	<15.200	.	<15.200	.	0			
DIMP	12.400	.	<10.500	.	1	12.400	12.400	12.400
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	2.160	.	1	2.160	2.160	2.160
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	19.200	.	26.700	.	2	19.200	26.700	22.950
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	2260.000	.	2170.000	.	2	2170.000	2260.000	2215.000
CL	550000.000	.	615000.000	.	2	550000.000	615000.000	582500.000
NITT	.	.	5000.000	.	1	5000.000	5000.000	5000.000
SO4	285000.000	.	252000.000	.	2	252000.000	285000.000	268500.000
MG	.	.	197000.000	.	1	197000.000	197000.000	197000.000
CA	.	.	324000.000	.	1	324000.000	324000.000	324000.000
K	.	.	2060.000	.	1	2060.000	2060.000	2060.000
NA	.	.	383000.000	.	1	383000.000	383000.000	383000.000
CR	.	.	649.000	.	1	649.000	649.000	649.000
CD	.	.	7.070	.	1	7.070	7.070	7.070
PB	.	.	75.300	.	1	75.300	75.300	75.300
CU	.	.	589.000	.	1	589.000	589.000	589.000
HG	.	.	<0.359	.	0			
ZN	.	.	2210.000	.	1	2210.000	2210.000	2210.000
AS	5.380	.	<2.500	.	1	5.380	5.380	5.380

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22060

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	25.2 - 35.2	2.0	30.2		4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.790	.	.	.	1	0.790	0.790	0.790
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MTBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	56.500	.	.	.	1	56.500	56.500	56.500
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	2980.000	.	.	.	1	2980.000	2980.000	2980.000
CL	651000.000	.	.	.	1	651000.000	651000.000	651000.000
SO4	351000.000	.	.	.	1	351000.000	351000.000	351000.000
AS	4.920	.	.	.	1	4.920	4.920	4.920

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22065

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	0.0 - 0.0	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<5.850	<1.850	<1.850	0			
CH2CL2	<2.480	<7.600	<2.480	<2.480	0			
T12DCE	<1.750	<5.680	<1.750	<1.750	0			
11DCLE	<1.930	<6.300	<1.930	<1.930	0			
12DCLE	<2.070	<6.470	<2.070	<2.070	0			
CHCL3	25.300	<1.880	15.900	16.100	3	15.900	25.300	19.100
CCLA	<1.690	<5.360	<1.690	<1.690	0			
111TCE	<1.090	<3.370	<1.090	<1.090	0			
112TCE	<1.630	<5.100	<1.630	<1.630	0			
TRCLE	<1.310	<3.990	<1.310	<1.310	0			
CLC6H5	<1.360	<4.040	<1.360	<1.360	0			
TCLEE	<2.760	<7.740	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1610.000	1610.000	1780.000	1540.000	4	1540.000	1780.000	1635.000
CL	335000.000	328000.000	322000.000	310000.000	4	310000.000	335000.000	323750.000
SO4	197000.000	175000.000	174000.000	170000.000	4	170000.000	197000.000	179000.000
AS	<2.500	<2.500	<2.500	6.600	1	6.600	6.600	6.600
SPCOND	.	.	.	1180.000	1	1180.000	1180.000	1180.000
PH	.	.	.	8.200	1	8.200	8.200	8.200

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23004

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	15.0 - 27.0	4.0	31.9	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.470	<0.415	<0.415	<0.083	0			
ALDRN	<0.880	<0.415	<0.415	<0.083	0			
ISODR	<0.720	<0.280	<0.280	<0.056	0			
PPDDE	<0.710	<0.230	<0.230	<0.046	0			
DLDRN	4.270	2.860	3.480	2.600	4	2.600	4.270	3.302
ENDRN	1.100	<0.300	0.512	0.653	3	0.512	1.100	0.755
PPDDT	1.830	<0.295	<0.295	<0.059	1	1.830	1.830	1.830
DCPD	833.000	579.000	414.000	594.000	4	414.000	833.000	605.000
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	1.670	1.740	1.420	1.260	4	1.260	1.740	1.522
DMMP	29.300	<15.200	<15.200	<163.000	1	29.300	29.300	29.300
DIMP	1370.000	1530.000	1590.000	2370.000	4	1370.000	2370.000	1715.000
DMDS	15.400	8.680	<1.160	7.240	3	7.240	15.400	10.440
OXAT	14.000	12.100	2.910	14.200	4	2.910	14.200	10.803
DITH	94.600	63.600	10.800	53.700	4	10.800	94.600	55.675
CPMS	26.100	25.400	<1.080	33.000	3	25.400	33.000	28.167
CPMSO	7.850	10.100	<1.980	9.950	3	7.850	10.100	9.300
CPMSO2	151.000	294.000	10.600	249.000	4	10.600	294.000	176.150
C6H6	11.200	12.400	<134.000	12.200	3	11.200	12.400	11.933
BTZ	.	<1.140	<1.140	1.960	1	1.960	1.960	1.960
ETC6H5	<1.280	0.723	<128.000	1.490	2	0.723	1.490	1.107
MEC6H5	4.660	<2.100	<121.000	<2.100	1	4.660	4.660	4.660
XYLEN	<2.470	<1.340	<247.000	<1.340	0			
MXYLEN	<1.350	<1.040	<135.000	<1.040	0			
11DCE	<1.100	<1.850	<110.000	<1.850	0			
CH2CL2	29.700	82.400	<500.000	26.200	3	26.200	82.400	46.100
T12DCE	<24.000	<1.750	<120.000	<1.750	0			
11DCLE	1.770	4.950	<120.000	<1.930	2	1.770	4.950	3.360
12DCLE	<30.500 >	111.000	<61.000	47.100	2	47.100	111.000	79.050
CHCL3	6690.000 >	131.000	7330.000	6410.000	4	131.000	7330.000	5140.250
CCL4	<24.000	<1.690	<240.000	<1.690	0			
111TCE	<17.000	<1.090	<170.000	<1.090	0			
112TCE	<5.000	<1.630	<100.000	<1.630	0			
TRCLE	9.920	19.400	<110.000	8.950	3	8.950	19.400	12.757
CLC6H5	<0.580	<1.360	<58.000	10.500	1	10.500	10.500	10.500
TCLEE	48.400	121.000	<130.000	33.900	3	33.900	121.000	67.767
CLDAN	<2.340	<0.760	<0.760	<0.152	0			
FL	3280.000	5390.000	4430.000	8400.000	4	3280.000	8400.000	5375.000
CL	779000.000	812000.000	2650000.000	2240000.000	4	779000.000	2650000.000	1620250.000
NIT	.	.	14.400	.	1	14.400	14.400	14.400
SO4	615000.000	785000.000	832000.000	829000.000	4	615000.000	832000.000	765250.000
MG	.	.	279000.000	.	1	279000.000	279000.000	279000.000
CA	.	.	623000.000	.	1	623000.000	623000.000	623000.000
K	.	.	12600.000	.	1	12600.000	12600.000	12600.000
NA	.	.	838000.000	.	1	838000.000	838000.000	838000.000
CR	.	.	59.800	.	1	59.800	59.800	59.800
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	18.400	.	1	18.400	18.400	18.400
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	4.040	4.380	4.980	5.190	4	4.040	5.190	4.647
SPCOND	.	.	.	6930.000	1	6930.000	6930.000	6930.000
PH	.	.	.	6.980	1	6.980	6.980	6.980

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23007

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	31.8 - 41.8	4.0	41.4	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.249	<0.083	<0.083	0			
ALDRN	<0.264	<0.249	<0.083	<0.083	0			
ISODR	<0.216	<0.168	<0.056	<0.056	0			
PPDDE	<0.213	<0.138	<0.046	<0.046	0			
DLDRN	1.170	1.070	0.995	1.460	4	0.995	1.460	1.174
ENDRN	<0.189	0.718	0.870	0.694	3	0.694	0.870	0.761
PPDDT	<0.198	<0.177	<0.059	<0.059	0			
DCPD	10.800	11.100	<9.310	<9.310	2	10.800	11.100	10.950
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	2.860	2.650	2.170	1.920	4	1.920	2.860	2.400
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	173.000	283.000	197.000	309.000	4	173.000	309.000	240.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	2.250	2.020	2.280	1.670	4	1.670	2.280	2.055
CPMSO	> 39.700	40.100	61.600	37.300	4	37.300	61.600	44.675
CPMSO2	4.730	4.100	4.790	3.170	4	3.170	4.790	4.197
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BIZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<24.000	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<12.200	<2.070	<2.070	<2.070	0			
CHCL3	2650.000	> 1080.000	208.000	2330.000	4	208.000	2650.000	1567.000
CCL4	<2.400	2.310	<1.690	<1.690	1	2.310	2.310	2.310
111TCE	<17.000	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	6.060	<1.630	1	6.060	6.060	6.060
TRCLE	5.300	9.580	1.330	4.100	4	1.330	9.580	5.078
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	131.000	> 129.000	10.600	103.000	4	10.600	131.000	93.400
CLDAN	<0.702	<0.456	<0.152	<0.152	0			
FL	1660.000	<1000.000	1960.000	2030.000	3	1660.000	2030.000	1883.333
CL	321000.000	386000.000	342000.000	371000.000	4	321000.000	386000.000	355000.000
SO4	376000.000	416000.000	402000.000	407000.000	4	376000.000	416000.000	400250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1950.000	2350.000	2	1950.000	2350.000	2150.000
PH	.	.	7.340	7.390	2	7.340	7.390	7.365

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23008

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	34.7 - 44.7	4.0	44.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.074	0.087	0.090	0.122	4	0.074	0.122	0.093
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	3.270	1	3.270	3.270	3.270
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	1.820	5.570	2.870	3.380	4	1.820	5.570	3.410
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	12.900	1	12.900	12.900	12.900
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2840.000	<9090.000	2850.000	3050.000	3	2840.000	3050.000	2913.333
CL	97100.000	90000.000	273000.000	75000.000	4	75000.000	273000.000	133775.000
SO4	1110000.000	1000000.000	3500000.000	1210000.000	4	1000000.000	3500000.000	1705000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1900.000	2710.000	2	1900.000	2710.000	2305.000
PH	.	.	8.000	7.160	2	7.160	8.000	7.580

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23009

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.8 - 22.8	4.0	23.0	SH	1	

COMPOUND	1ST Q FY87		2ND Q FY87		3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450		<0.249		<0.083	<0.083	0			
ALDRN	<0.270		<0.249		<0.083	<0.083	0			
ISODR	<0.216		<0.168		<0.056	<0.056	0			
PPDDE	<0.213		<0.138		<0.046	<0.046	0			
DLDRN	0.718		0.733		0.573	0.693	4	0.573	0.733	0.679
ENDRN	<0.189		<0.180		0.248	0.283	2	0.248	0.283	0.265
PPDDT	<0.198		<0.177		<0.059	<0.059	0			
DCPD	<9.310		<9.310		11.200	<9.310	1	11.200	11.200	11.200
MIBK	<12.900		<12.900		<12.900	<12.900	0			
DBCP	<0.130		<0.130		<0.130	<0.130	0			
DMMP	<15.200		<15.200		<15.200	<163.000	0			
DIMP	733.000	>	210.000	>	210.000	869.000	4	210.000	869.000	505.500
DMDS	<1.700		<1.160		<1.160	<1.160	0			
OXAT	3.670		3.340		3.690	4.260	4	3.340	4.260	3.740
DITH	28.100		16.100		16.900	24.700	4	16.100	28.100	21.450
CPMS	<1.000		<1.080		<1.080	<1.080	0			
CPMSO	<3.200		<1.980		<1.980	<1.980	0			
CPMSO2	12.500		19.200		15.800	20.500	4	12.500	20.500	17.000
C6H6	<1.920		<1.920		<1.920	<1.920	0			
BTZ	.		<1.140		<1.140	1.240	1	1.240	1.240	1.240
ETC6H5	<0.620		<0.620		<0.620	<0.620	0			
MEC6H5	<2.100		<2.100		<2.100	<2.100	0			
XYLEN	<1.340		<1.340		<1.340	<1.340	0			
MXYLEN	<1.040		<1.040		<1.040	<1.040	0			
11DCE	<1.850		<1.850		<1.850	<1.850	0			
CH2CL2	<2.480		<2.480		<2.480	<2.480	0			
T12DCE	<1.750		<1.750		<1.750	<1.750	0			
11DCLE	<1.930		<1.930		<1.930	<1.930	0			
12DCLE	<2.070		4.810		<2.070	<2.070	1	4.810	4.810	4.810
CHCL3	<1.880		<1.880		<1.880	<1.880	0			
CCL4	<1.690		<1.690		<1.690	<1.690	0			
111TCE	<1.090		<1.090		<1.090	<1.090	0			
112TCE	<1.630		<1.630		<1.630	<1.630	0			
TRCLE	<1.310		<1.310		<1.310	<1.310	0			
CLC6H5	<1.360		<1.360		<1.360	<1.360	0			
TCLEE	<2.760		<2.760		<2.760	<2.760	0			
CLDAN	<0.702		<0.456		<0.152	<0.152	0			
FL	3530.000		3200.000		3560.000	3540.000	4	3200.000	3560.000	3457.500
CL	247000.000		265000.000		247000.000	267000.000	4	247000.000	267000.000	256500.000
SO4	256000.000		233000.000		226000.000	231000.000	4	226000.000	256000.000	236500.000
AS	<2.500		<2.500		4.080	2.660	2	2.660	4.080	3.370
SPCOND	.		.		1220.000	1680.000	2	1220.000	1680.000	1450.000
PH	.		.		7.650	7.570	2	7.570	7.650	7.610

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23010

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 19.0	2.0	19.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	0.099	1	0.099	0.099	0.099
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	0.067	0.105	0.149	3	0.067	0.149	0.107
ENDRN	<0.126	<0.060	<0.060	0.086	1	0.086	0.086	0.086
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	1020.000	1130.000	1370.000	2050.000	4	1020.000	2050.000	1392.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	1.790	3.280	2.500	2.260	4	1.790	3.280	2.458
DITH	11.600	3.860	7.900	8.010	4	3.860	11.600	7.842
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	2.310	1	2.310	2.310	2.310
CPMSO2	11.800	15.300	15.900	21.700	4	11.800	21.700	16.175
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	1.980	<2.070	<2.070	<2.070	1	1.980	1.980	1.980
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	3560.000	3980.000	4220.000	4440.000	4	3560.000	4440.000	4050.000
CL	299000.000	302000.000	289000.000	312000.000	4	289000.000	312000.000	300500.000
SO4	372000.000	415000.000	379000.000	380000.000	4	372000.000	415000.000	386500.000
AS	4.700	4.850	4.080	3.790	4	3.790	4.850	4.355
SPCOND	.	.	1750.000	1800.000	2	1750.000	1800.000	1775.000
PH	.	.	7.730	7.710	2	7.710	7.730	7.720

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23011

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	19.5 - 22.5	2.0	22.5	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.543	0.282	0.256	0.249	4	0.249	0.543	0.333
ENDRN	<0.063	0.269	0.200	<0.060	2	0.200	0.269	0.235
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIEK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	592.000	661.000	558.000	803.000	4	558.000	803.000	653.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.460	2.880	3.080	3.450	4	2.460	3.450	2.968
DITH	13.900	7.700	8.060	11.000	4	7.700	13.900	10.165
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	3.220	<1.980	1	3.220	3.220	3.220
CPMSO2	10.800	16.200	14.100	15.900	4	10.800	16.200	14.250
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	.	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	0.954	<2.070	<2.070	<2.070	1	0.954	0.954	0.954
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	3010.000	3320.000	3100.000	3370.000	4	3010.000	3370.000	3200.000
CL	252000.000	299000.000	599000.000	301000.000	4	252000.000	599000.000	362750.000
SO4	272000.000	277000.000	231000.000	242000.000	4	231000.000	277000.000	255500.000
AS	2.710	3.900	2.720	3.110	4	2.710	3.900	3.110
SPCOND	.	.	1490.000	1310.000	2	1310.000	1490.000	1400.000
PH	.	.	7.800	8.000	2	7.800	8.000	7.900

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23029

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.2 - 23.2	4.0	23.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.441	<0.166	<0.083	<0.083	0			
ALDRN	<0.264	<0.166	<0.083	<0.083	0			
ISODR	<0.216	<0.112	<0.056	<0.056	0			
PPDDE	<0.213	<0.092	<0.046	<0.046	0			
DLDRN	0.446	0.571	0.670	0.384	4	0.384	0.670	0.518
ENDRN	<0.189	<0.120	0.421	<0.060	1	0.421	0.421	0.421
PPDDT	<0.198	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	348.000	563.000	420.000	676.000	4	348.000	676.000	501.750
DMDS	<1.700	<1.160	8.470	<1.160	1	8.470	8.470	8.470
OXAT	3.440	3.640	13.100	2.830	4	2.830	13.100	5.752
DITH	20.300	15.000	55.000	11.300	4	11.300	55.000	25.400
CPMS	<1.000	<1.080	30.100	<1.080	1	30.100	30.100	30.100
CPMSO	<3.200	<1.980	12.700	<1.980	1	12.700	12.700	12.700
CPMSO2	8.620	11.900	310.000	12.800	4	8.620	310.000	85.830
C6H6	<1.340	.	.	<1.920	0			
BTZ	.	<1.140	1.410	<1.140	1	1.410	1.410	1.410
ETC6H5	<1.280	.	.	<0.620	0			
MEC6H5	<1.210	.	.	<2.100	0			
XYLEN	<2.470	.	.	<1.340	0			
MXYLEN	<1.350	.	.	<1.040	0			
11DCE	<1.100	<1.850	.	<1.850	0			
CH2CL2	<5.000	.	.	<2.480	0			
T12DCE	<1.200	<1.750	.	<1.750	0			
11DCLE	<1.200	<1.930	.	<1.930	0			
12DCLE	<0.610	<2.070	.	<2.070	0			
CHCL3	<1.400	<1.880	.	<1.880	0			
CCL4	<2.400	<1.690	.	<1.690	0			
111TCE	<1.700	<1.090	.	<1.090	0			
112TCE	<1.000	<1.630	.	<1.630	0			
TRCLE	<1.100	<1.310	.	<1.310	0			
CLC6H5	<0.580	<1.360	.	<1.360	0			
TCLEE	<1.300	<2.760	.	<2.760	0			
CLDAN	<0.702	<0.304	<0.152	<0.152	0			
FL	3640.000	3580.000	3470.000	3730.000	4	3470.000	3730.000	3605.000
CL	242000.000	224000.000	267000.000	254000.000	4	224000.000	267000.000	246750.000
NTT	.	.	179.000	.	1	179.000	179.000	179.000
SO4	217000.000	202000.000	221000.000	210000.000	4	202000.000	221000.000	212500.000
MG	.	.	20000.000	.	1	20000.000	20000.000	20000.000
CA	.	.	51300.000	.	1	51300.000	51300.000	51300.000
K	.	.	3620.000	.	1	3620.000	3620.000	3620.000
NA	.	.	294000.000	.	1	294000.000	294000.000	294000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	3.200	<2.500	<2.500	4.910	2	3.200	4.910	4.055
SPCOND	.	.	.	1640.000	1	1640.000	1640.000	1640.000
PH	.	.	.	7.600	1	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23033

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	23.7 - 28.7	2.0	29.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.295	0.209	0.188	0.407	4	0.188	0.407	0.275
ENDRN	0.182	<0.060	<0.060	<0.060	1	0.182	0.182	0.182
PPDDT	<0.140	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	748.000	671.000	681.000	1010.000	4	671.000	1010.000	777.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	7.020	6.930	7.460	6.210	4	6.210	7.460	6.905
DITH	53.500	30.500	32.300	36.700	4	30.500	53.500	38.250
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	78.900	129.000	161.000	171.000	4	78.900	171.000	134.975
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BIZ	.	1.360	<1.140	<1.140	1	1.360	1.360	1.360
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	4.370	<2.100	<2.100	<2.100	1	4.370	4.370	4.370
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	2.250	1.710	2.310	1.600	4	1.600	2.310	1.967
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	<10000.000	<1000.000	3630.000	3890.000	2	3630.000	3890.000	3760.000
CL	950000.000	932000.000	1320000.000	1390000.000	4	932000.000	1390000.000	1148000.000
SO4	358000.000	413000.000	410000.000	419000.000	4	358000.000	419000.000	400000.000
AS	<2.500	<2.500	4.010	3.600	2	3.600	4.010	3.805
SPCOND	.	.	3850.000	3020.000	2	3020.000	3850.000	3435.000
PH	.	.	7.100	7.200	2	7.100	7.200	7.150

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23043

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.7 - 20.7	2.0	23.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.339	0.073	0.449	0.124	4	0.073	0.449	0.246
ENDRN	0.168	<0.060	0.274	<0.060	2	0.168	0.274	0.221
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	11.100	<9.310	40.800	<9.310	2	11.100	40.800	25.950
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	0.270	0.151	2	0.151	0.270	0.211
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	55.200	58.000	15.000	145.000	4	15.000	145.000	68.300
DMDS	<1.700	<1.160	<1.160	5.980	1	5.980	5.980	5.980
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	11.500	1	11.500	11.500	11.500
CPMSO	8.260	4.760	34.000	19.100	4	4.760	34.000	16.530
CPMSO2	<2.600	<2.240	3.360	7.270	2	3.360	7.270	5.315
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	.	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	2.340	3.410	<1.880	<1.880	2	2.340	3.410	2.875
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	4.200	4.950	5.720	7.420	4	4.200	7.420	5.572
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2100.000	2740.000	2530.000	3020.000	4	2100.000	3020.000	2597.500
CL	200000.000	214000.000	238000.000	271000.000	4	200000.000	271000.000	230750.000
SO4	376000.000	463000.000	427000.000	397000.000	4	376000.000	463000.000	415750.000
AS	<2.500	3.140	<2.500	4.230	2	3.140	4.230	3.685
SPCOND	.	.	1660.000	1150.000	2	1150.000	1660.000	1405.000
PH	.	.	7.290	7.700	2	7.290	7.700	7.495

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23047

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	21.9 - 25.9	2.0	25.3	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	105.000	114.000	69.900	184.000	4	69.900	184.000	118.225
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	4.690	3.500	3.770	3.580	4	3.500	4.690	3.885
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.340	.	<1.920	<1.920	0			
ETZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	.	<0.620	<0.620	0			
MEC6H5	<1.210	.	<2.100	<2.100	0			
XYLEN	<2.470	.	<1.340	<1.340	0			
MXYLEN	<1.350	.	<1.040	<1.040	0			
11DCE	<1.100	.	<1.850	<1.850	0			
CH2CL2	<5.000	.	<2.480	<2.480	0			
T12DCE	<1.200	.	<1.750	<1.750	0			
11DCLE	<1.200	.	<1.930	<1.930	0			
12DCLE	3.250	.	<2.070	2.250	2	2.250	3.250	2.750
CHCL3	3.120	.	3.470	3.060	3	3.060	3.470	3.217
CCL4	<2.400	.	<1.690	<1.690	0			
111TCE	<1.700	.	<1.090	<1.090	0			
112TCE	<1.000	.	<1.630	<1.630	0			
TRCLE	<1.100	.	<1.310	<1.310	0			
CLC6H5	<0.580	.	<1.360	<1.360	0			
TCLEE	6.260	.	<2.760	3.580	2	3.580	6.260	4.920
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1970.000	<9090.000	2730.000	2890.000	3	1970.000	2890.000	2530.000
CL	263000.000	336000.000	348000.000	324000.000	4	263000.000	348000.000	317750.000
SO4	481000.000	566000.000	857000.000	676000.000	4	481000.000	857000.000	645000.000
AS	<2.500	3.000	<2.500	<2.500	1	3.000	3.000	3.000
SPCOND	.	.	2110.000	1490.000	2	1490.000	2110.000	1800.000
PH	.	.	7.230	7.900	2	7.230	7.900	7.565

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23048

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.9 - 21.9	2.0	21.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	.	.	0			
ALDRN	<0.088	<0.083	.	.	0			
ISODR	<0.072	<0.056	.	.	0			
PPDDE	<0.071	<0.046	.	.	0			
DLDRN	0.064	<0.054	.	.	1	0.064	0.064	0.064
ENDRN	<0.063	<0.060	.	.	0			
PPDDT	<0.066	<0.059	.	.	0			
DCPD	<9.310	<9.310	.	.	0			
MIBK	<12.900	<12.900	.	.	0			
DBCP	<0.130	<0.130	.	.	0			
DMMP	<15.200	<15.200	.	.	0			
DIMP	201.000	143.000	.	.	2	143.000	201.000	172.000
DMDS	<1.700	<1.160	.	.	0			
OXAT	<1.350	<1.350	.	.	0			
DITH	<1.600	<3.340	.	.	0			
CPMS	<1.000	<1.080	.	.	0			
CPMSO	3.780	<1.980	.	.	1	3.780	3.780	3.780
CPMSO2	<2.600	<2.240	.	.	0			
C6H6	<1.920	<1.920	.	.	0			
BTZ	.	<1.140	.	.	0			
ETC6H5	<0.620	<0.620	.	.	0			
MEC6H5	<2.100	<2.100	.	.	0			
XYLEN	<1.340	<1.340	.	.	0			
MXYLEN	<1.040	<1.040	.	.	0			
11DCE	.	<1.850	.	.	0			
T12DCE	<1.750	<1.750	.	.	0			
11DCLE	<1.930	<1.930	.	.	0			
12DCLE	<2.070	<2.070	.	.	0			
CHCL3	<1.880	<1.880	.	.	0			
CCL4	<1.690	<1.690	.	.	0			
111TCE	<1.090	<1.090	.	.	0			
112TCE	<1.630	<1.630	.	.	0			
TRCLE	<1.310	<1.310	.	.	0			
CLC6H5	<1.360	<1.360	.	.	0			
TCLEE	<2.760	<2.760	.	.	0			
CLDAN	<0.234	<0.152	.	.	0			
FL	2840.000	<10000.000	.	.	1	2840.000	2840.000	2840.000
CL	276000.000	267000.000	.	.	2	267000.000	276000.000	271500.000
SO4	469000.000	446000.000	.	.	2	446000.000	469000.000	457500.000
AS	<2.500	<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23049

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.4 - 42.4	2.0	45.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.400	<0.415	<1.400	<7.000	0			
ALDRN	<1.400	<0.415	<1.400	<7.000	0			
ISODR	<1.200	<0.280	<1.200	<6.000	0			
PPDDE	<1.060	<0.230	<1.060	<5.300	0			
DLDRN	<1.200	0.844	<1.200	<6.000	1	0.844	0.844	0.844
ENDRN	<1.040	<0.300	<1.040	<5.200	0			
PPDDT	<1.400	<0.295	<1.400	<7.000	0			
DCPD	1100.000	1410.000	1200.000	1420.000	4	1100.000	1420.000	1282.500
MIBK	15.400	15.400	<12.900	15.600	3	15.400	15.600	15.467
DBCP	<0.130	<0.130	0.275	<0.130	1	0.275	0.275	0.275
DMMP	27.300	<15.200	<76.000	<152.000	1	27.300	27.300	27.300
DIMP	416.000	424.000	474.000	504.000	4	416.000	504.000	454.500
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	19.800	20.800	19.800	20.500	4	19.800	20.800	20.225
DITH	87.700	74.300	92.900	85.800	4	74.300	92.900	85.175
CPMS	293.000	<1.080	<28.100	<13.000	1	293.000	293.000	293.000
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	461.000	493.000	478.000	506.000	4	461.000	506.000	484.500
C6H6	15.400	<134.000	<26.800	<26.800	1	15.400	15.400	15.400
BTZ	.	<1.140	<2.000	<2.000	0			
ETC6H5	3.690	1.210	<25.600	<25.600	2	1.210	3.690	2.450
MEC6H5	48.400	<121.000	<24.200	37.600	2	37.600	48.400	43.000
XYLEN	3.490	4.420	<49.400	<49.400	2	3.490	4.420	3.955
MXYLEN	2.120	2.200	<27.000	<27.000	2	2.120	2.200	2.160
11DCE	<11.000	<1.100	<22.000	<22.000	0			
CH2CL2	25.600	39.100	<100.000	<100.000	2	25.600	39.100	32.350
T12DCE	<12.000	<1.200	<24.000	<24.000	0			
11DCLE	<12.000	2.670	<24.000	<24.000	1	2.670	2.670	2.670
12DCLE	<12.200	<61.000	143.000	<61.000	1	143.000	143.000	143.000
CHCL3	6850.000	10200.000	10800.000	10200.000	4	6850.000	10800.000	9512.500
CCL4	<48.000	<2.400	<48.000	<48.000	0			
111TCE	<34.000	<170.000	<34.000	<34.000	0			
112TCE	<20.000	<1.000	<20.000	<20.000	0			
TRCLE	11.400	27.400	<110.000	22.300	3	11.400	27.400	20.367
CLC6H5	<11.600	<0.580	<11.600	<11.600	0			
TCLEE	37.500	48.500	43.100	33.100	4	33.100	48.500	40.550
CLDAN	.	<0.760	.	.	0			
FL	9540.000	9090.000	<12200.000	<12200.000	2	9090.000	9540.000	9315.000
CL	5400000.000	5330000.000	5200000.000	3050000.000	4	3050000.000	5400000.000	4745000.000
NTT	.	195.000	310.000	117.000	3	117.000	310.000	207.333
SO4	1360000.000	1450000.000	1350000.000	1450000.000	4	1350000.000	1450000.000	1402500.000
MG	146000.000	152000.000	178000.000	281000.000	4	146000.000	281000.000	189250.000
CA	106000.000	96300.000	113000.000	188000.000	4	96300.000	188000.000	125825.000
K	23600.000	29600.000	33200.000	29400.000	4	23600.000	33200.000	28950.000
NA	3300000.000	2790000.000	2990000.000	4080000.000	4	2790000.000	4080000.000	3290000.000
CR	<11.900	27.500	<5.960	<5.960	1	27.500	27.500	27.500
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	27.300	162.000	34.700	<20.100	3	27.300	162.000	74.667
AS	39.200	39.600	45.200	11.300	4	11.300	45.200	33.825
SPCOND	12500.000	14000.000	.	.	2	12500.000	14000.000	13250.000
PH	7.500	7.810	.	.	2	7.500	7.810	7.655

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23050

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	46.4 - 50.4	2.0	48.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.166	<0.083	<0.083	0			
ALDRN	<0.088	<0.166	<0.083	<0.083	0			
ISODR	<0.072	<0.112	<0.056	<0.056	0			
PPDDE	<0.071	<0.092	<0.046	<0.046	0			
DLDRN	0.382	<0.110	0.210	0.077	3	0.077	0.382	0.223
ENDRN	<0.063	<0.120	<0.060	<0.060	0			
PPDDT	<0.066	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	499.000	1180.000	1270.000	1850.000	4	499.000	1850.000	1199.750
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	7.710	6.950	6.390	7.660	4	6.390	7.710	7.178
DITH	56.600	31.000	23.100	36.800	4	23.100	56.600	36.875
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	7.020	<1.980	1	7.020	7.020	7.020
CPMSO2	118.000	169.000	145.000	136.000	4	118.000	169.000	142.000
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCLA	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	1.380	<1.310	<1.310	1	1.380	1.380	1.380
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.304	<0.152	<0.152	0			
FL	<10000.000	<1000.000	4040.000	4320.000	2	4040.000	4320.000	4180.000
CL	413000.000	507000.000	1320000.000	1170000.000	4	413000.000	1320000.000	852500.000
SO4	393000.000	394000.000	412000.000	403000.000	4	393000.000	412000.000	400500.000
AS	3.600	<2.500	3.100	3.330	3	3.100	3.600	3.343
SPCOND	.	.	4100.000	4830.000	2	4100.000	4830.000	4465.000
PH	.	.	7.280	7.150	2	7.150	7.280	7.215

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23052

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	35.6 - 39.6	2.0	39.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.500	1.200	<0.083	<0.083	1	1.200	1.200	1.200
ALDRN	<0.900	<0.415	<0.083	0.119	1	0.119	0.119	0.119
ISODR	<0.720	<0.280	<0.056	<0.056	0			
PPDDE	<0.710	<0.230	<0.046	<0.046	0			
DLDRN	1.290	0.930	1.110	<0.054	3	0.930	1.290	1.110
ENDRN	<0.630	<0.300	0.989	<0.060	1	0.989	0.989	0.989
PPDDT	<0.700	<0.295	<0.059	<0.059	0			
DCPD	301.000	240.000	264.000	217.000	4	217.000	301.000	255.500
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.332	0.408	0.306	0.211	4	0.211	0.408	0.314
DMMP	<15.200	<15.200	<15.200	<408.000	0			
DIMP	1830.000	1860.000	1510.000	2660.000	4	1510.000	2660.000	1965.000
DMDS	23.600	10.600	7.410	7.630	4	7.410	23.600	12.310
OXAT	23.800	21.100	19.100	25.100	4	19.100	25.100	22.275
DITH	208.000	86.700	74.300	77.800	4	74.300	208.000	111.700
CPMS	55.200	50.000	125.000	40.300	4	40.300	125.000	67.625
CPMSO	10.600	<1.980	<1.980	<1.980	1	10.600	10.600	10.600
CPMSO2	659.000	806.000	647.000	606.000	4	606.000	806.000	679.500
C6H6	.	<1.920	11.200	11.200	2	11.200	11.200	11.200
BTZ	.	<1.140	12.800	3.250	2	3.250	12.800	8.025
ETC6H5	.	<0.620	<0.620	1.440	1	1.440	1.440	1.440
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	1.490	1.750	2	1.490	1.750	1.620
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	<3.600	<5.400	<1.850	<1.850	0			
CH2CL2	17.800	.	.	57.400	2	17.800	57.400	37.600
T12DCE	9.030	<5.400	<1.750	<1.750	1	9.030	9.030	9.030
11DCLE	4.310	<5.700	<1.930	<1.930	1	4.310	4.310	4.310
12DCLE	<84.000	259.000	80.100	52.500	3	52.500	259.000	130.533
CHCL3	18900.000	> 1080.000	> 5930.000	225.000	4	225.000	18900.000	6533.750
CCL4	<3.400	<5.100	<1.690	<1.690	0			
111TCE	<2.200	<3.300	<1.090	<1.090	0			
112TCE	<3.200	<4.800	<1.630	<1.630	0			
TRCLE	36.100	24.200	13.500	15.400	4	13.500	36.100	22.300
CLC6H5	<2.800	<4.200	<1.360	<1.360	0			
TCLEE	60.800	56.900	34.300	28.400	4	28.400	60.800	45.100
CLDAN	<2.340	<0.760	<0.152	<0.152	0			
FL	<1000.000	<1000.000	13400.000	9450.000	2	9450.000	13400.000	11425.000
CL	1650000.000	995000.000	5910000.000	9550000.000	4	995000.000	9550000.000	4526250.000
SO4	1810000.000	1720000.000	1940000.000	1790000.000	4	1720000.000	1940000.000	1815000.000
AS	7.280	<2.500	9.150	10.900	3	7.280	10.900	9.110
SPCOND	.	.	.	17900.000	1	17900.000	17900.000	17900.000
PH	.	.	.	6.680	1	6.680	6.680	6.680

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23053

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	43.1 - 47.1	2.0	43.0	SH	5	2 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	> 2.060	.	1	2.060	2.060	2.060
ENDRN	.	.	1.220	.	1	1.220	1.220	1.220
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	256.000	.	1	256.000	256.000	256.000
MIBK	.	.	<129.000	.	0			
DBCP	.	.	1.690	.	1	1.690	1.690	1.690
DMMP	.	.	156.000	.	1	156.000	156.000	156.000
DIMP	.	.	1660.000	.	1	1660.000	1660.000	1660.000
DMDS	.	.	28.500	.	1	28.500	28.500	28.500
OXAT	.	.	17.200	.	1	17.200	17.200	17.200
DITH	.	.	<79.500	.	0			
CPMS	.	.	94.300	.	1	94.300	94.300	94.300
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	520.000	.	1	520.000	520.000	520.000
C6H6	.	.	19.600	.	1	19.600	19.600	19.600
BTZ	.	.	5.010	.	1	5.010	5.010	5.010
ETC6H5	.	.	1.340	.	1	1.340	1.340	1.340
MEC6H5	.	.	1.460	.	1	1.460	1.460	1.460
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	58.900	.	1	58.900	58.900	58.900
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	2.110	.	1	2.110	2.110	2.110
12DCLE	.	.	<61.000	.	0			
CHCL3	.	.	16500.000	.	1	16500.000	16500.000	16500.000
CCL4	.	.	<120.000	.	0			
111TCE	.	.	<85.000	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	7.650	.	1	7.650	7.650	7.650
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	37.900	.	1	37.900	37.900	37.900
CLDAN	.	.	<0.152	.	0			
FL	.	.	7500.000	.	1	7500.000	7500.000	7500.000
CL	.	.	4750000.000	.	1	4750000.000	4750000.000	4750000.000
NIT	.	.	<10.000	.	0			
SO4	.	.	1280000.000	.	1	1280000.000	1280000.000	1280000.000
MG	.	.	449000.000	.	1	449000.000	449000.000	449000.000
CA	.	.	1040000.000	.	1	1040000.000	1040000.000	1040000.000
K	.	.	14500.000	.	1	14500.000	14500.000	14500.000
NA	.	.	1460000.000	.	1	1460000.000	1460000.000	1460000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	16.800	.	1	16.800	16.800	16.800
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	9.080	.	1	9.080	9.080	9.080

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23057

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	41.6 - 45.6	2.0	44.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.415	<0.083	<0.083	0			
ALDRN	<0.088	<0.415	<0.083	<0.083	0			
ISODR	0.734	<0.280	<0.056	<0.056	1	0.734	0.734	0.734
PPDDE	<0.355	<0.230	0.102	<0.046	1	0.102	0.102	0.102
DLDRN	0.987	0.548	0.478	0.349	4	0.349	0.987	0.591
ENDRN	<0.315	<0.300	0.321	<0.060	1	0.321	0.321	0.321
PPDDT	<0.330	0.369	<0.059	<0.059	1	0.369	0.369	0.369
DCPD	> 132.000	266.000	165.000	240.000	4	132.000	266.000	200.750
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.384	0.170	<0.130	<0.130	2	0.170	0.384	0.277
DMMP	<15.200	<15.200	<15.200	<408.000	0			
DIMP	3020.000	3330.000	3070.000	4730.000	4	3020.000	4730.000	3537.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	12.800	13.300	12.100	13.300	4	12.100	13.300	12.875
DITH	63.900	48.100	33.000	33.000	4	33.000	63.900	44.500
CPMS	20.100	15.300	12.700	12.800	4	12.700	20.100	15.225
CPMSO	36.300	24.100	19.600	18.600	4	18.600	36.300	24.650
CPMSO2	20.900	23.500	16.800	32.300	4	16.800	32.300	23.375
C6H6	3.800	3.680	<1.920	<1.920	2	3.680	3.800	3.740
BTZ	.	2.290	1.770	<1.140	2	1.770	2.290	2.030
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	.	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	17.200	7.990	6.150	7.850	4	6.150	17.200	9.797
CHCL3	282.000	151.000	198.000	8280.000	4	151.000	8280.000	2227.750
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	6.530	13.900	4.640	7.080	4	4.640	13.900	8.037
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	49.500	123.000	38.400	53.700	4	38.400	123.000	66.150
CLDAN	<0.234	<0.760	<0.152	<0.152	0			
FL	<1000.000	<1000.000	4440.000	4260.000	2	4260.000	4440.000	4350.000
CL	882000.000	834000.000	1980000.000	1870000.000	4	834000.000	1980000.000	1391500.000
SO4	493000.000	502000.000	521000.000	486000.000	4	486000.000	521000.000	500500.000
AS	6.250	<2.500	6.430	6.020	3	6.020	6.430	6.233
SPCOND	.	.	.	6930.000	1	6930.000	6930.000	6930.000
PH	.	.	.	7.050	1	7.050	7.050	7.050

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23058

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.1 - 43.1	2.0	41.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.117	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.140	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<21.600	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	25.700	<10.500	<10.500	<10.100	1	25.700	25.700	25.700
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	<1.850	<1.850	<1.100	<1.850	0			
CH2CL2	11.600	<2.480	<5.000	<2.480	1	11.600	11.600	11.600
T12DCE	3.240	<1.750	<1.200	<1.750	1	3.240	3.240	3.240
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	<1000.000	.	.	3800.000	1	3800.000	3800.000	3800.000
CL	559000.000	.	.	514000.000	2	514000.000	559000.000	536500.000
SO4	1210000.000	.	.	135000.000	2	135000.000	1210000.000	672500.000
AS	<2.500	<2.500	.	.	0			
SPCOND	.	.	.	4180.000	1	4180.000	4180.000	4180.000
PH	.	.	.	7.610	1	7.610	7.610	7.610

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23085

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	23.6 - 27.0	2.0	29.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.083	<0.083	<0.083	0			
ALDRN	<0.440	<0.083	<0.083	<0.083	0			
ISODR	<0.360	<0.056	<0.056	<0.056	0			
PPDDE	<0.355	<0.046	<0.046	<0.046	0			
DLDRN	0.500	0.178	0.178	0.120	4	0.120	0.500	0.244
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<163.000	0			
DIMP	432.000	313.000	387.000	515.000	4	313.000	515.000	411.750
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	3.900	3.860	3.810	3.470	4	3.470	3.900	3.760
DITH	28.800	13.200	12.300	11.400	4	11.400	28.800	16.425
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	4.940	<1.980	1	4.940	4.940	4.940
CPMSO2	8.400	11.800	9.440	11.000	4	8.400	11.800	10.160
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	.	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	3100.000	3300.000	3310.000	3370.000	4	3100.000	3370.000	3270.000
CL	293000.000	296000.000	370000.000	380000.000	4	293000.000	380000.000	334750.000
SO4	191000.000	200000.000	185000.000	192000.000	4	185000.000	200000.000	192000.000
AS	<2.500	<2.500	2.780	<2.500	1	2.780	2.780	2.780
SPCOND	.	.	1450.000	2170.000	2	1450.000	2170.000	1810.000
PH	.	.	7.000	7.300	2	7.000	7.300	7.150

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23095

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	44.3 - 48.3	2.0	53.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.400	<0.415	<0.700	<1.400	0			
ALDRN	<1.400	<0.415	<0.700	<1.400	0			
ISODR	<1.200	<0.280	<0.600	<1.200	0			
PPDDE	<1.060	<0.230	<0.530	<1.060	0			
DLDRN	<1.200	2.750	<0.600	<1.200	1	2.750	2.750	2.750
ENDRN	<1.040	<0.300	<0.520	<1.040	0			
PPDDT	<1.400	<0.295	<0.700	<1.400	0			
DCPD	747.000	654.000	681.000	840.000	4	654.000	840.000	730.500
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	22.600	<15.200	<152.000	<152.000	1	22.600	22.600	22.600
DIMP	765.000	770.000	788.000	643.000	4	643.000	788.000	741.500
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	12.200	14.000	11.700	16.700	4	11.700	16.700	13.650
DITH	72.800	74.200	66.300	90.000	4	66.300	90.000	75.825
CPMS	225.000	<1.080	<1.300	<1.300	1	225.000	225.000	225.000
CPMSO	12.000	<1.980	<4.200	<4.200	1	12.000	12.000	12.000
CPMSO2	454.000	524.000	430.000	563.000	4	430.000	563.000	492.750
C6H6	16.000	<1.340	<13.400	<13.400	1	16.000	16.000	16.000
BTZ	.	<1.140	<2.000	<2.000	0			
ETC6H5	2.280	<1.280	<1.280	<12.800	1	2.280	2.280	2.280
MEC6H5	5.700	5.760	8.110	<12.100	3	5.700	8.110	6.523
XYLEN	<2.470	<2.470	<2.470	<24.700	0			
MXYLEN	<1.350	<1.350	<1.350	<13.500	0			
11DCE	<1.100	<1.100	<1.100	<11.000	0			
CH2CL2	5.150	<5.000	<5.000	<50.000	1	5.150	5.150	5.150
T12DCE	<12.000	<1.200	<1.200	<12.000	0			
11DCLE	2.250	1.590	<1.200	<12.000	2	1.590	2.250	1.920
12DCLE	7.570	63.700	26.600	<6.100	3	7.570	63.700	32.623
CHCL3	1760.000	1720.000	997.000	606.000	4	606.000	1760.000	1270.750
CCL4	<24.000	<48.000	<24.000	<24.000	0			
111TCE	<17.000	<34.000	<17.000	<17.000	0			
112TCE	<10.000	<20.000	<10.000	<20.000	0			
TRCLE	11.300	16.000	<110.000	19.100	3	11.300	19.100	15.467
CLC6H5	<0.580	<0.580	<0.580	<5.800	0			
TCLEE	30.500	25.200	28.500	24.000	4	24.000	30.500	27.050
CLDAN	.	<0.760	.	.	0			
FL	9540.000	9680.000	9690.000	<12200.000	3	9540.000	9690.000	9636.667
CL	5740000.000	6030000.000	5580000.000	3530000.000	4	3530000.000	6030000.000	5220000.000
NTT	.	<20.000	40.300	1040.000	2	40.300	1040.000	540.150
SO4	1400000.000	1420000.000	1520000.000	1570000.000	4	1400000.000	1570000.000	1477500.000
MG	249000.000	226000.000	209000.000	308000.000	4	209000.000	308000.000	248000.000
CA	451000.000	405000.000	345000.000	524000.000	4	345000.000	524000.000	431250.000
K	37400.000	48400.000	48200.000	8110.000	4	8110.000	48400.000	35527.500
NA	3860000.000	3720000.000	3320000.000	5090000.000	4	3320000.000	5090000.000	3997500.000
CR	<11.900	40.400	15.200	<5.960	2	15.200	40.400	27.800
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	15.000	<7.940	<7.940	1	15.000	15.000	15.000
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	78.600	<20.100	38.700	126.000	3	38.700	126.000	81.100
AS	28.600	15.700	18.000	12.800	4	12.800	28.600	18.775
SPCOND	10000.000	14000.000	.	.	2	10000.000	14000.000	12000.000
PH	7.380	7.020	.	.	2	7.020	7.380	7.200

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23096

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	27.0 - 37.0	5.0	37.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.750	<0.415	<0.083	<0.083	0			
ALDRN	<0.450	<0.415	<0.083	<0.083	0			
ISODR	<0.360	<0.280	<0.056	<0.056	0			
PPDDE	<0.355	<0.230	<0.046	<0.046	0			
DLDRN	2.100	1.870	1.090	1.850	4	1.090	2.100	1.728
ENDRN	1.190	1.070	1.330	0.940	4	0.940	1.330	1.132
PPDDT	<0.350	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	6.500	6.280	4.590	4.980	4	4.590	6.500	5.588
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	202.000	181.000	142.000	213.000	4	142.000	213.000	184.500
DMDS	<1.700	<1.160	<1.160	<1.140	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.040	0			
CPMS	2.790	2.080	1.710	1.730	4	1.710	2.790	2.078
CPMSO	63.700	68.200	48.500	61.700	4	48.500	68.200	60.525
CPMSO2	<2.600	<2.240	<2.240	3.980	1	3.980	3.980	3.980
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.230	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	11.000	<1.850	<1.850	<1.850	1	11.000	11.000	11.000
CH2CL2	<2.480	<2.480	.	<2.480	0			
T12DCE	2.260	<1.750	<1.750	<1.750	1	2.260	2.260	2.260
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	3400.000	> 1080.000	1560.000	824.000	4	824.000	3400.000	1716.000
CCL4	4.750	4.740	2.960	2.360	4	2.360	4.750	3.702
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	2.410	2.510	1.790	1.410	4	1.410	2.510	2.030
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	67.900	119.000	32.900	46.800	4	32.900	119.000	66.650
CLDAN	<1.170	<0.760	<0.152	<0.152	0			
FL	2620.000	<10000.000	2700.000	2720.000	3	2620.000	2720.000	2680.000
CL	350000.000	369000.000	309000.000	296000.000	4	296000.000	369000.000	331000.000
SO4	417000.000	436000.000	412000.000	400000.000	4	400000.000	436000.000	416250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1580.000	1430.000	2	1430.000	1580.000	1505.000
PH	.	.	7.260	7.200	2	7.200	7.260	7.230

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23102

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	32.7 - 36.1	2.0	36.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.083	<0.083	<0.083	0			
ALDRN	<0.440	<0.083	<0.083	<0.083	0			
ISODR	<0.360	<0.056	<0.056	<0.056	0			
PPDDE	<0.355	<0.046	<0.046	<0.046	0			
DLDRN	1.760	0.632	0.639	0.773	4	0.632	1.760	0.951
ENDRN	<0.315	<0.060	<0.060	<0.060	0			
PPDDT	<0.330	<0.059	<0.059	<0.059	0			
DCPD	<233.000	197.000	272.000	302.000	3	197.000	302.000	257.000
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.219	0.456	0.432	0.289	4	0.219	0.456	0.349
DMMP	<15.200	<15.200	<30.400	<408.000	0			
DIMP	3180.000	3050.000	2660.000	4820.000	4	2660.000	4820.000	3427.500
DMDS	<3.400	<1.160	<1.160	<1.160	0			
OXAT	20.600	17.600	19.300	19.000	4	17.600	20.600	19.125
DITH	125.000	68.400	67.400	69.700	4	67.400	125.000	82.625
CPMS	12.200	26.500	37.000	27.600	4	12.200	37.000	25.825
CPMSO	26.300	11.600	14.500	12.400	4	11.600	26.300	16.200
CPMSO2	38.100	125.000	122.000	141.000	4	38.100	141.000	106.525
C6H6	<1.920	<1.920	9.970	13.600	2	9.970	13.600	11.785
BTZ	.	2.650	4.300	<1.140	2	2.650	4.300	3.475
ETC6H5	<0.620	<0.620	<0.620	0.924	1	0.924	0.924	0.924
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	17.500	18.800	2	17.500	18.800	18.150
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	2.610	1	2.610	2.610	2.610
12DCLE	7.080	<2.070	28.700	17.000	3	7.080	28.700	17.593
CHCL3	446.000	11.600	3830.000	7250.000	4	11.600	7250.000	2884.400
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	6.540	<1.310	9.120	8.260	3	6.540	9.120	7.973
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	39.900	94.700	58.300	46.100	4	39.900	94.700	59.750
CLDAN	<1.170	<0.152	<0.152	<0.152	0			
FL	<10000.000	<1000.000	4980.000	5850.000	2	4980.000	5850.000	5415.000
CL	419000.000	2060000.000	2090000.000	1880000.000	4	419000.000	2090000.000	1612250.000
SO4	435000.000	579000.000	566000.000	547000.000	4	435000.000	579000.000	531750.000
AS	5.810	4.850	5.510	6.460	4	4.850	6.460	5.658
SPCOND	.	.	5300.000	7500.000	2	5300.000	7500.000	6400.000
PH	.	.	6.940	6.820	2	6.820	6.940	6.880

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23106

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	34.4 - 37.8	2.0	34.0	SH	5	2 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.249	<0.415	<0.083	0			
ALDRN	<0.440	<0.249	<0.415	<0.083	0			
ISODR	<0.360	<0.168	0.411	<0.056	1	0.411	0.411	0.411
PPDDE	<0.355	<0.138	<0.230	<0.046	0			
DLDRN	2.360	0.251	2.060	0.520	4	0.251	2.360	1.298
ENDRN	<0.315	<0.180	0.438	<0.060	1	0.438	0.438	0.438
PPDDT	<0.330	<0.177	<0.295	<0.059	0			
DCPD	105.000	97.800	161.000	203.000	4	97.800	203.000	141.700
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	11.600	5.340	5.570	4.410	4	4.410	11.600	6.730
DMMP	<15.200	<15.200	<152.000	<408.000	0			
DIMP	1570.000	1890.000	1900.000	3000.000	4	1570.000	3000.000	2090.000
DMDS	<3.400	<1.160	<1.160	<1.160	0			
OXAT	7.200	6.770	10.300	9.080	4	6.770	10.300	8.338
DITH	28.700	23.700	34.800	32.000	4	23.700	34.800	29.800
CPMS	63.000	32.600	49.200	38.000	4	32.600	63.000	45.700
CPMSO	278.000	109.000	91.300	65.100	4	65.100	278.000	135.850
CPMSO2	62.100	99.500	111.000	133.000	4	62.100	133.000	101.400
C6H6	<1.920	4.900	7.470	12.200	3	4.900	12.200	8.190
BTZ	.	<1.140	6.620	3.120	2	3.120	6.620	4.870
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	11.700	26.000	2	11.700	26.000	18.850
T12DCE	<1.750	2.280	<1.750	<1.750	1	2.280	2.280	2.280
11DCLE	<1.930	<1.930	<1.930	2.300	1	2.300	2.300	2.300
12DCLE	<2.070	<42.000	47.800	30.000	2	30.000	47.800	38.900
CHCL3	10600.000	> 2160.000	8760.000	10900.000	4	2160.000	10900.000	8105.000
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	4.750	7.060	4.380	4.970	4	4.380	7.060	5.290
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	73.900	95.400	50.100	54.900	4	50.100	95.400	68.575
CLDAN	<1.170	<0.456	<0.760	<0.152	0			
FL	<1000.000	<1000.000	4440.000	6150.000	2	4440.000	6150.000	5295.000
CL	603000.000	1390000.000	1900000.000	1790000.000	4	603000.000	1900000.000	1420750.000
SO4	572000.000	526000.000	612000.000	581000.000	4	526000.000	612000.000	572750.000
AS	4.480	5.660	4.590	4.450	4	4.450	5.660	4.795
SPCOND	.	.	5200.000	7430.000	2	5200.000	7430.000	6315.000
PH	.	.	7.190	6.860	2	6.860	7.190	7.025

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23108

AQUIFER A/D	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
	36.5 - 40.5	2.0	38.5	SS	4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.083	<0.070	<0.070	0			
ALDRN	<0.350	<0.083	<0.070	<0.070	0			
ISODR	<0.300	<0.056	<0.060	<0.060	0			
PPDDE	<0.265	<0.046	<0.053	<0.053	0			
DLDRN	0.748	0.201	0.176	<0.060	3	0.176	0.748	0.375
ENDRN	<0.260	<0.060	<0.052	<0.052	0			
PPDDT	<0.350	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	32.800	<10.500	<10.500	1	32.800	32.800	32.800
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	<1.350	<2.000	<2.000	0			
DITH	<1.100	<3.340	<1.100	<1.100	0			
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	<4.700	<2.240	<4.700	6.770	1	6.770	6.770	6.770
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<1.140	<2.000	2.770	1	2.770	2.770	2.770
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
CLDAN	.	<0.152	.	.	0			
FL	2510.000	3440.000	2650.000	2780.000	4	2510.000	3440.000	2845.000
CL	687000.000	627000.000	629000.000	723000.000	4	627000.000	723000.000	666500.000
NIT	.	72.700	1140.000	.	2	72.700	1140.000	606.350
SO4	424000.000	7970000.000	382000.000	380000.000	4	380000.000	7970000.000	2289000.000
MG	58900.000	49700.000	58500.000	71300.000	4	49700.000	71300.000	59600.000
CA	139000.000	110000.000	127000.000	162000.000	4	110000.000	162000.000	134500.000
K	5470.000	6520.000	6590.000	6670.000	4	5470.000	6670.000	6312.500
NA	639000.000	541000.000	604000.000	704000.000	4	541000.000	704000.000	622000.000
CR	<11.900	<5.960	<5.960	9.160	1	9.160	9.160	9.160
CD	<5.160	<5.160	<5.160	12.700	1	12.700	12.700	12.700
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	15.300	1	15.300	15.300	15.300
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	<20.100	65.800	<20.100	68.500	2	65.800	68.500	67.150
AS	7.270	7.870	11.200	7.400	4	7.270	11.200	8.435
SPCOND	2250.000	2530.000	.	.	2	2250.000	2530.000	2390.000
PH	7.760	8.050	.	.	2	7.760	8.050	7.905

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23118

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.5 - 17.5	2.0	17.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.415	<0.083	<0.083	0			
ALDRN	<0.264	<0.415	<0.083	<0.083	0			
ISODR	<0.216	<0.280	<0.056	<0.056	0			
PPDDE	<0.213	<0.230	0.065	<0.046	1	0.065	0.065	0.065
DLDRN	<0.162	<0.275	0.181	0.088	2	0.088	0.181	0.135
ENDRN	<0.189	<0.300	<0.060	<0.060	0			
PPDDT	<0.198	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<152.000	<163.000	0			
DIMP	822.000	> 210.000	558.000	1220.000	4	210.000	1220.000	702.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	1.440	<1.350	<1.350	1	1.440	1.440	1.440
DITH	4.060	1.930	1.680	<3.340	3	1.680	4.060	2.557
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	10.500	<1.980	<1.980	<1.980	1	10.500	10.500	10.500
CPMSO2	14.900	24.600	11.000	18.100	4	11.000	24.600	17.150
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.760	<0.152	<0.152	0			
FL	4730.000	4310.000	4800.000	5170.000	4	4310.000	5170.000	4752.500
CL	246000.000	224000.000	230000.000	237000.000	4	224000.000	246000.000	234250.000
SO4	263000.000	272000.000	289000.000	266000.000	4	263000.000	289000.000	272500.000
AS	3.600	<2.500	3.150	2.660	3	2.660	3.600	3.137
SPCOND	.	.	1450.000	.	1	1450.000	1450.000	1450.000
PH	.	.	7.710	.	1	7.710	7.710	7.710

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23119

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	14.0 - 18.0	2.0	18.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.415	<0.083	<0.083	0			
ALDRN	<0.264	<0.415	<0.083	<0.083	0			
ISODR	<0.216	<0.280	<0.056	<0.056	0			
PPDDE	<0.213	<0.230	<0.046	<0.046	0			
DLDRN	0.495	<0.275	0.246	0.116	3	0.116	0.495	0.286
ENDRN	<0.189	<0.300	<0.060	<0.060	0			
PPDDT	<0.198	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<380.000	<163.000	0			
DIMP	1710.000	2220.000	1530.000	2330.000	4	1530.000	2330.000	1947.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.370	2.160	1.660	1.700	4	1.660	2.370	1.973
DITH	9.560	5.120	4.090	3.590	4	3.590	9.560	5.590
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	3.760	<1.980	1	3.760	3.760	3.760
CPMSO2	15.200	14.200	11.000	15.200	4	11.000	15.200	13.900
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	2.370	<2.070	<2.070	1	2.370	2.370	2.370
CHCL3	6.330	<1.880	<1.880	<1.880	1	6.330	6.330	6.330
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.760	<0.152	<0.152	0			
FL	3350.000	3120.000	3670.000	4030.000	4	3120.000	4030.000	3542.500
CL	333000.000	326000.000	324000.000	331000.000	4	324000.000	333000.000	328500.000
SO4	426000.000	406000.000	437000.000	416000.000	4	406000.000	437000.000	421250.000
AS	4.040	3.130	2.930	3.730	4	2.930	4.040	3.458
SPCOND	.	.	1820.000	.	1	1820.000	1820.000	1820.000
PH	.	.	7.600	.	1	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23120

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.5 - 17.5	2.0	17.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.415	<0.083	<0.083	0			
ALDRN	<0.440	<0.415	<0.083	<0.083	0			
ISODR	<0.360	<0.280	<0.056	<0.056	0			
PPDDE	<0.355	<0.230	<0.046	<0.046	0			
DLDRN	0.726	<0.275	<0.054	0.219	2	0.219	0.726	0.472
ENDRN	<0.315	<0.300	<0.060	0.086	1	0.086	0.086	0.086
PPDDT	<0.330	<0.295	<0.059	0.150	1	0.150	0.150	0.150
DCPD	52.600	48.500	66.400	119.000	4	48.500	119.000	71.625
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<380.000	<163.000	0			
DIMP	1140.000	1200.000	966.000	1990.000	4	966.000	1990.000	1324.000
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	7.710	6.390	6.610	7.270	4	6.390	7.710	6.995
DITH	60.100	35.000	33.100	32.500	4	32.500	60.100	40.175
CPMS	<1.000	<1.080	1.630	<1.080	1	1.630	1.630	1.630
CPMSO	<3.200	<1.980	2.820	2.460	2	2.460	2.820	2.640
CPMSO2	21.400	24.500	25.200	30.600	4	21.400	30.600	25.425
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	7.600	17.900	7.280	7.460	4	7.280	17.900	10.060
CHCL3	<1.880	3.140	<1.880	<1.880	1	3.140	3.140	3.140
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	2.410	4.820	3.210	3.920	4	2.410	4.820	3.590
CLC6H5	<1.360	15.300	<1.360	<1.360	1	15.300	15.300	15.300
TCLEE	<2.760	3.140	2.830	4.160	3	2.830	4.160	3.377
CLDAN	<1.170	<0.760	<0.152	<0.152	0			
FL	2660.000	2550.000	3190.000	3490.000	4	2550.000	3490.000	2972.500
CL	420000.000	406000.000	517000.000	687000.000	4	406000.000	687000.000	507500.000
SO4	280000.000	250000.000	272000.000	282000.000	4	250000.000	282000.000	271000.000
AS	3.600	2.540	2.810	2.690	4	2.540	3.600	2.910
SPCOND	.	.	2010.000	.	1	2010.000	2010.000	2010.000
PH	.	.	7.540	.	1	7.540	7.540	7.540

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23123

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	20.0 - 24.0	2.0	23.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.470	<0.415	<0.083	<0.083	0			
ALDRN	<0.880	<0.415	<0.083	<0.083	0			
ISODR	<0.720	<0.280	<0.056	<0.056	0			
PPDDE	<0.710	<0.230	<0.046	<0.046	0			
DLDRN	3.580	1.040	0.355	0.895	4	0.355	3.580	1.467
ENDRN	<0.630	<0.300	<0.060	0.284	1	0.284	0.284	0.284
PPDDT	<0.660	<0.295	<0.059	1.100	1	1.100	1.100	1.100
DCPD	926.000	1170.000	875.000	821.000	4	821.000	1170.000	948.000
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.185	0.284	0.191	0.249	4	0.185	0.284	0.227
DMMP	<15.200	<15.200	<304.000	<163.000	0			
DIMP	965.000	1240.000	580.000	1790.000	4	580.000	1790.000	1143.750
DMDS	<3.400	<1.160	<1.160	<1.160	0			
OXAT	8.530	7.810	8.140	8.620	4	7.810	8.620	8.275
DITH	41.500	32.800	33.600	33.500	4	32.800	41.500	35.350
CPMS	12.000	11.200	21.400	7.190	4	7.190	21.400	12.947
CPMSO	29.600	14.200	18.300	13.600	4	13.600	29.600	18.925
CPMSO2	64.700	82.300	78.100	33.800	4	33.800	82.300	64.725
C6H6	<1.920	5.640	7.590	6.460	3	5.640	7.590	6.563
BTZ	.	<1.140	1.660	<1.140	1	1.660	1.660	1.660
ETC6H5	<0.620	<0.620	<0.620	2.370	1	2.370	2.370	2.370
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	6.580	30.900	5.120	3.840	4	3.840	30.900	11.610
CHCL3	23.800	798.000	3.890	<1.880	3	3.890	798.000	275.230
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	6.150	15.700	6.540	6.480	4	6.150	15.700	8.718
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	41.600	80.100	40.400	36.600	4	36.600	80.100	49.675
CLDAN	<2.340	<0.760	<0.152	<0.152	0			
FL	<10000.000	<1000.000	3410.000	4440.000	2	3410.000	4440.000	3925.000
CL	859000.000	873000.000	1020000.000	1070000.000	4	859000.000	1070000.000	955500.000
SO4	386000.000	376000.000	423000.000	411000.000	4	376000.000	423000.000	399000.000
AS	2.930	<2.500	2.810	2.900	3	2.810	2.930	2.880
SPCOND	.	.	3600.000	.	1	3600.000	3600.000	3600.000
PH	.	.	6.960	.	1	6.960	6.960	6.960

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23140

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.6 - 54.6	2.0	53.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.415	<0.083	<0.083	0			
ALDRN	<0.180	<0.415	<0.083	0.145	1	0.145	0.145	0.145
ISODR	<0.144	<0.280	<0.056	<0.056	0			
PPDDE	<0.142	<0.230	<0.046	<0.046	0			
DLDRN	<0.108	<0.275	<0.054	<0.054	0			
ENDRN	<0.126	<0.300	<0.060	<0.060	0			
PPDDT	<0.140	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<76.000	<163.000	0			
DIMP	408.000	345.000	178.000	326.000	4	178.000	408.000	314.250
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.580	2.300	1.710	1.510	4	1.510	2.580	2.025
DITH	10.300	4.480	2.960	<3.340	3	2.960	10.300	5.913
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	8.980	14.600	7.500	9.120	4	7.500	14.600	10.050
C6H6	<1.920	.	3.250	<1.920	1	3.250	3.250	3.250
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.760	<0.152	<0.152	0			
FL	5350.000	5280.000	5420.000	5500.000	4	5280.000	5500.000	5387.500
CL	323000.000	291000.000	295000.000	292000.000	4	291000.000	323000.000	300250.000
SO4	406000.000	369000.000	383000.000	377000.000	4	369000.000	406000.000	383750.000
AS	<2.500	3.480	<2.500	2.900	2	2.900	3.480	3.190
SPCOND	.	.	1950.000	.	1	1950.000	1950.000	1950.000
PH	.	.	7.640	.	1	7.640	7.640	7.640

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23142

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.0 - 59.4	2.0	56.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.083	<0.070	<0.070	0			
ALDRN	<0.350	<0.083	<0.070	<0.070	0			
ISODR	<0.300	<0.056	<0.060	<0.060	0			
PPDDE	<0.265	<0.046	<0.053	<0.053	0			
DLDRN	<0.300	0.126	<0.060	0.080	2	0.080	0.126	0.103
ENDRN	<0.260	<0.060	<0.052	<0.052	0			
PPDDT	<0.350	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<380.000	<152.000	0			
DIMP	1110.000	1260.000	1340.000	1260.000	4	1110.000	1340.000	1242.500
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	4.490	5.500	4.100	5.270	4	4.100	5.500	4.840
DITH	24.100	30.300	21.400	22.200	4	21.400	30.300	24.500
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	5.410	11.200	6.210	13.100	4	5.410	13.100	8.980
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<1.140	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
CLDAN	.	<0.152	.	.	0			
FL	2600.000	2550.000	2650.000	2720.000	4	2550.000	2720.000	2630.000
CL	551000.000	605000.000	518000.000	694000.000	4	518000.000	694000.000	592000.000
NIT	.	63.300	<20.000	101.000	2	63.300	101.000	82.150
SO4	281000.000	268000.000	271000.000	276000.000	4	268000.000	281000.000	274000.000
MG	39500.000	34600.000	36100.000	37600.000	4	34600.000	39500.000	36950.000
CA	129000.000	111000.000	112000.000	118000.000	4	111000.000	129000.000	117500.000
K	4910.000	5450.000	5840.000	4840.000	4	4840.000	5840.000	5260.000
NA	469000.000	415000.000	428000.000	447000.000	4	415000.000	469000.000	439750.000
CR	<11.900	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	27.000	1	27.000	27.000	27.000
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	105.000	<20.100	<20.100	<20.100	1	105.000	105.000	105.000
AS	<3.900	5.420	4.200	3.900	3	3.900	5.420	4.507
SPCOND	1700.000	2100.000	:	:	2	1700.000	2100.000	1900.000
PH	7.750	7.820	:	:	2	7.750	7.820	7.785

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23150

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	22.0 - 30.0	2.0	28.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.166	<0.083	<0.083	0			
ALDRN	<0.352	<0.166	<0.083	<0.083	0			
ISODR	<0.072	<0.112	<0.056	<0.056	0			
PPDDE	<0.284	<0.092	0.047	<0.046	1	0.047	0.047	0.047
DLDRN	<0.216	<0.110	0.153	0.062	2	0.062	0.153	0.107
ENDRN	<0.063	<0.120	<0.060	<0.060	0			
PPDDT	<0.066	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	11.500	<10.500	<10.100	1	11.500	11.500	11.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	4.250	<1.980	<1.980	<1.980	1	4.250	4.250	4.250
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.304	<0.152	<0.152	0			
FL	3610.000	3690.000	4060.000	4430.000	4	3610.000	4430.000	3947.500
CL	283000.000	306000.000	275000.000	274000.000	4	274000.000	306000.000	284500.000
SO4	340000.000	360000.000	353000.000	335000.000	4	335000.000	360000.000	347000.000
AS	3.480	<2.500	3.150	4.360	3	3.150	4.360	3.663
SPCOND	.	.	1820.000	.	1	1820.000	1820.000	1820.000
PH	.	.	7.600	.	1	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23151

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	27.0 - 35.0	2.0	34.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP >	210.000	496.000	270.000	382.000	4	210.000	496.000	339.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.030	<1.350	<1.350	<1.350	1	2.030	2.030	2.030
DITH	5.790	<3.340	2.060	<3.340	2	2.060	5.790	3.925
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	4.520	9.070	6.240	5.250	4	4.520	9.070	6.270
C6H6	.	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	.	<1.750	<1.750	<1.750	0			
11DCLE	.	<1.930	<1.930	<1.930	0			
12DCLE	.	<2.070	<2.070	<2.070	0			
CHCL3	.	<1.880	<1.880	<1.880	0			
CCL4	.	<1.690	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	.	<1.310	<1.310	<1.310	0			
CLC6H5	.	<1.360	<1.360	<1.360	0			
TCLEE	.	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	3550.000	4070.000	3660.000	4000.000	4	3550.000	4070.000	3820.000
CL	352000.000	315000.000	294000.000	354000.000	4	294000.000	354000.000	328750.000
SO4	470000.000	432000.000	381000.000	410000.000	4	381000.000	470000.000	423250.000
AS	.	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1510.000	1	1510.000	1510.000	1510.000
PH	.	.	.	7.100	1	7.100	7.100	7.100

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23160

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	22.0 - 30.0	2.0	27.3	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.415	<0.083	<0.083	0			
ALDRN	<0.176	<0.415	<0.083	<0.083	0			
ISODR	<0.144	<0.280	<0.056	<0.056	0			
PPDDE	<0.142	<0.230	0.103	<0.046	1	0.103	0.103	0.103
DLDRN	1.280	0.872	0.838	0.797	4	0.797	1.280	0.947
ENDRN	<0.126	<0.300	<0.600	0.500	1	0.500	0.500	0.500
PPDDT	<0.132	<0.295	<0.059	0.605	1	0.605	0.605	0.605
DCPD	511.000	488.000	380.000	393.000	4	380.000	511.000	443.000
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<380.000	<163.000	0			
DIMP	1620.000	1410.000	1200.000	2270.000	4	1200.000	2270.000	1625.000
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	12.400	11.100	11.900	13.100	4	11.100	13.100	12.125
DITH	71.200	61.500	58.500	62.900	4	58.500	71.200	63.525
CPMS	<1.000	<1.080	18.400	<1.080	1	18.400	18.400	18.400
CPMSO	<3.200	<1.980	<1.980	3.970	1	3.970	3.970	3.970
CPMSO2	102.000	158.000	133.000	147.000	4	102.000	158.000	135.000
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	1.960	<1.140	1	1.960	1.960	1.960
ETC6H5	<0.620	<0.620	<0.620	1.500	1	1.500	1.500	1.500
MEC6H5	> 7.150	<2.100	<2.100	<2.100	1	7.150	7.150	7.150
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	6.470	1	6.470	6.470	6.470
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	9.920	26.000	11.900	8.290	4	8.290	26.000	14.027
CHCL3	<1.880	4.170	<1.880	<1.880	1	4.170	4.170	4.170
CCLA	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	10.500	26.300	11.600	9.710	4	9.710	26.300	14.527
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	16.100	47.300	19.300	17.400	4	16.100	47.300	25.025
CLDAN	<0.468	<0.760	<0.152	<0.152	0			
FL	<10000.000	3720.000	4670.000	5800.000	3	3720.000	5800.000	4730.000
CL	1120000.000	531000.000	1650000.000	1520000.000	4	531000.000	1650000.000	1205250.000
SO4	563000.000	681000.000	686000.000	675000.000	4	563000.000	686000.000	651250.000
AS	2.830	<2.500	3.580	4.150	3	2.830	4.150	3.520
SPCOND	.	.	4980.000	.	1	4980.000	4980.000	4980.000
PH	.	.	7.120	.	1	7.120	7.120	7.120

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23161

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	64.0 - 74.0	2.0	24.0	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	<0.083	.	0			
ALDRN	<0.180	.	<0.083	.	0			
ISODR	<0.144	.	<0.056	.	0			
PPDDE	<0.142	.	<0.046	.	0			
DLDRN	<0.108	.	<0.054	.	0			
ENDRN	<0.126	.	<0.060	.	0			
PPDDT	<0.132	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	3.430	.	<1.340	.	1	3.430	3.430	3.430
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCLA	<1.690	.	<2.400	.	0			
111TCE	<3.000	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.468	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	32600.000	.	41500.000	.	2	32600.000	41500.000	37050.000
NTT	.	.	42.000	.	1	42.000	42.000	42.000
SO4	1080000.000	.	1040000.000	.	2	1040000.000	1080000.000	1060000.000
MG	.	.	13000.000	.	1	13000.000	13000.000	13000.000
CA	.	.	167000.000	.	1	167000.000	167000.000	167000.000
K	.	.	4470.000	.	1	4470.000	4470.000	4470.000
NA	.	.	352000.000	.	1	352000.000	352000.000	352000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	70.500	.	1	70.500	70.500	70.500
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23177

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	33.0 - 53.0	2.0	14.5	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MTBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	29.800	.	27.000	.	2	27.000	29.800	28.400
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	2.030	.	1	2.030	2.030	2.030
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	2130.000	.	1910.000	.	2	1910.000	2130.000	2020.000
CL	329000.000	.	496000.000	.	2	329000.000	496000.000	412500.000
NIT	.	.	3230.000	.	1	3230.000	3230.000	3230.000
SO4	1090000.000	.	1140000.000	.	2	1090000.000	1140000.000	1115000.000
MG	.	.	77400.000	.	1	77400.000	77400.000	77400.000
CA	.	.	296000.000	.	1	296000.000	296000.000	296000.000
K	.	.	4100.000	.	1	4100.000	4100.000	4100.000
NA	.	.	377000.000	.	1	377000.000	377000.000	377000.000
CR	.	.	20.400	.	1	20.400	20.400	20.400
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23178

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	16.5 - 26.5	2.0	18.5	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.249	<0.083	<0.083	0			
ALDRN	<0.264	<0.249	<0.083	<0.083	0			
ISODR	<0.216	<0.168	<0.056	<0.056	0			
PPDDE	<0.213	<0.138	<0.046	<0.046	0			
DLDRN	<0.162	<0.165	<0.054	0.332	1	0.332	0.332	0.332
ENDRN	<0.189	<0.180	<0.060	0.108	1	0.108	0.108	0.108
PPDDT	<0.198	<0.177	<0.059	0.554	1	0.554	0.554	0.554
DCPD	<9.310	12.200	152.000	439.000	3	12.200	439.000	201.067
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<304.000	<163.000	0			
DIMP	621.000	1370.000	681.000	2010.000	4	621.000	2010.000	1170.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	4.760	3.800	5.740	6.870	4	3.800	6.870	5.292
DITH	> 45.800	12.700	27.100	31.900	4	12.700	45.800	29.375
CPMS	<1.000	<1.080	1.850	<1.080	1	1.850	1.850	1.850
CPMSO	5.830	4.180	6.520	4.200	4	4.180	6.520	5.183
CPMSO2	18.500	24.800	23.500	34.900	4	18.500	34.900	25.425
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	1.680	1	1.680	1.680	1.680
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	2.890	8.800	10.400	10.400	4	2.890	10.400	8.123
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	3.430	6.740	2	3.430	6.740	5.085
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	7.550	6.530	11.900	3	6.530	11.900	8.660
CLDAN	<0.702	<0.456	<0.152	<0.152	0			
FL	<10000.000	<10000.000	3030.000	3550.000	2	3030.000	3550.000	3290.000
CL	523000.000	437000.000	558000.000	720000.000	4	437000.000	720000.000	559500.000
SO4	563000.000	524000.000	343000.000	300000.000	4	300000.000	563000.000	432500.000
AS	3.600	2.790	2.810	3.520	4	2.790	3.600	3.180
SPCOND	.	.	2210.000	.	1	2210.000	2210.000	2210.000
PH	.	.	7.600	.	1	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23179

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.0 - 42.0	2.0	42.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.830	.	0			
ALDRN	<0.088	.	<0.830	.	0			
ISODR	<0.072	.	<0.560	.	0			
PPDDE	<0.071	.	<0.460	.	0			
DLDRN	0.541	.	<0.550	.	1	0.541	0.541	0.541
ENDRN	<0.063	.	<0.600	.	0			
PPDDT	<0.066	.	<0.590	.	0			
DCPD	578.000	.	437.000	.	2	437.000	578.000	507.500
MIBK	<12.900	.	<12.900	.	0			
DBCP	1.800	.	<0.130	.	1	1.800	1.800	1.800
DMMP	67.800	.	<15.200	.	1	67.800	67.800	67.800
DIMP	583.000	.	908.000	.	2	583.000	908.000	745.500
DMDS	<1.700	.	<1.160	.	0			
OXAT	20.900	.	17.500	.	2	17.500	20.900	19.200
DITH	166.000	.	54.800	.	2	54.800	166.000	110.400
CPMS	112.000	.	108.000	.	2	108.000	112.000	110.000
CPMSO	13.600	.	18.300	.	2	13.600	18.300	15.950
CPMSO2	775.000	.	958.000	.	2	775.000	958.000	866.500
C6H6	.	.	<134.000	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	2.140	.	1	2.140	2.140	2.140
MEC6H5	.	.	4.570	.	1	4.570	4.570	4.570
XYLEN	.	.	3.230	.	1	3.230	3.230	3.230
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	129.000	.	1	129.000	129.000	129.000
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	3.370	.	1	3.370	3.370	3.370
12DCLE	.	.	<61.000	.	0			
CHCL3	.	.	> 19400.000	.	1	19400.000	19400.000	19400.000
CCL4	.	.	<240.000	.	0			
111TCE	.	.	<170.000	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	11.100	.	1	11.100	11.100	11.100
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	57.900	.	1	57.900	57.900	57.900
CLDAN	<0.234	.	<1.520	.	0			
FL	<1000.000	.	9010.000	.	1	9010.000	9010.000	9010.000
CL	806000.000	.	4210000.000	.	2	806000.000	4210000.000	2508000.000
NTT	.	.	537.000	.	1	537.000	537.000	537.000
SO4	1140000.000	.	1190000.000	.	2	1140000.000	1190000.000	1165000.000
MG	.	.	225000.000	.	1	225000.000	225000.000	225000.000
CA	.	.	612000.000	.	1	612000.000	612000.000	612000.000
K	.	.	23000.000	.	1	23000.000	23000.000	23000.000
NA	.	.	1760000.000	.	1	1760000.000	1760000.000	1760000.000
CR	.	.	74.600	.	1	74.600	74.600	74.600
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	10.500	.	1	10.500	10.500	10.500
HG	.	.	<0.359	.	0			
ZN	.	.	52.000	.	1	52.000	52.000	52.000
AS	23.100	.	23.200	.	2	23.100	23.200	23.150

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23180

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	65.0 - 70.0	2.0	42.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	2.140	.	1	2.140	2.140	2.140
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	73300.000	.	1	73300.000	73300.000	73300.000
NIT	.	.	1960.000	.	1	1960.000	1960.000	1960.000
SO4	.	.	576000.000	.	1	576000.000	576000.000	576000.000

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23181

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	85.0 - 95.0	2.0	42.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	1.780	<1.920	1	1.780	1.780	1.780
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1220.000	<1000.000	0			
CL	51300.000	52800.000	63800.000	50200.000	4	50200.000	63800.000	54525.000
NTT	.	.	3940.000	.	1	3940.000	3940.000	3940.000
SO4	533000.000	520000.000	539000.000	503000.000	4	503000.000	539000.000	523750.000
MG	.	.	2050.000	.	1	2050.000	2050.000	2050.000
CA	.	.	45300.000	.	1	45300.000	45300.000	45300.000
K	.	.	2270.000	.	1	2270.000	2270.000	2270.000
NA	.	.	263000.000	.	1	263000.000	263000.000	263000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	40.700	.	1	40.700	40.700	40.700
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	534.000	.	1	534.000	534.000	534.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1220.000	1	1220.000	1220.000	1220.000
PH	.	.	.	8.370	1	8.370	8.370	8.370

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23182

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	28.0 - 48.0	2.0	18.0	ST	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	3.510	.	<1.400	.	1	3.510	3.510	3.510
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	3100.000	.	1	3100.000	3100.000	3100.000
CL	481000.000	.	670000.000	.	2	481000.000	670000.000	575500.000
NTT	.	.	13600.000	.	1	13600.000	13600.000	13600.000
SO4	2830000.000	.	2590000.000	.	2	2590000.000	2830000.000	2710000.000
MG	.	.	79700.000	.	1	79700.000	79700.000	79700.000
CA	.	.	366000.000	.	1	366000.000	366000.000	366000.000
K	.	.	8640.000	.	1	8640.000	8640.000	8640.000
NA	.	.	1080000.000	.	1	1080000.000	1080000.000	1080000.000
CR	.	.	22.300	.	1	22.300	22.300	22.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	11.200	.	1	11.200	11.200	11.200
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23183

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	85.0 - 95.0	2.0	18.0	ST	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	1300.000	.	1	1300.000	1300.000	1300.000
CL	361000.000	.	483000.000	.	2	361000.000	483000.000	422000.000
NIT	.	.	125.000	.	1	125.000	125.000	125.000
SO4	797000.000	.	868000.000	.	2	797000.000	868000.000	832500.000
MG	.	.	3480.000	.	1	3480.000	3480.000	3480.000
CA	.	.	93700.000	.	1	93700.000	93700.000	93700.000
K	.	.	3270.000	.	1	3270.000	3270.000	3270.000
NA	.	.	655000.000	.	1	655000.000	655000.000	655000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23184

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	112.0 - 117.0	2.0	18.0	ST	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.117	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.141	<0.054	<0.054	<0.054	1	0.141	0.141	0.141
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<21.600	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	2.650	1	2.650	2.650	2.650
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<3.000	<1.090	<1.700	<1.090	0			
112TCE	.	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2280.000	.	1640.000	2230.000	3	1640.000	2280.000	2050.000
CL	477000.000	.	586000.000	520000.000	3	477000.000	586000.000	527666.667
NTT	.	.	195.000	.	1	195.000	195.000	195.000
SO4	273000.000	.	255000.000	278000.000	3	255000.000	278000.000	268666.667
MG	.	.	841.000	.	1	841.000	841.000	841.000
CA	.	.	38200.000	.	1	38200.000	38200.000	38200.000
K	.	.	1790.000	.	1	1790.000	1790.000	1790.000
NA	.	.	376000.000	.	1	376000.000	376000.000	376000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			
PH	.	.	.	8.720	1	8.720	8.720	8.720

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23185

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	37.5 - 42.5	2.0	34.0	SH	5	1 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.441	.	<0.083	.	0			
ALDRN	<0.264	.	<0.083	.	0			
ISODR	<0.216	.	<0.056	.	0			
PPDDE	<0.213	.	<0.046	.	0			
DLDRN	<0.162	.	<0.054	.	0			
ENDRN	<0.189	.	<0.060	.	0			
PPDDT	<0.198	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	4240.000	.	5060.000	.	2	4240.000	5060.000	4650.000
DMDS	<1.700	.	<1.160	.	0			
OXAT	1.920	.	1.790	.	2	1.790	1.920	1.855
DITH	3.150	.	<1.590	.	1	3.150	3.150	3.150
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.702	.	<0.152	.	0			
FL	<1000.000	.	3410.000	.	1	3410.000	3410.000	3410.000
CL	534000.000	.	1480000.000	.	2	534000.000	1480000.000	1007000.000
NTT	.	.	2580.000	.	1	2580.000	2580.000	2580.000
SO4	1890000.000	.	1890000.000	.	2	1890000.000	1890000.000	1890000.000
MG	.	.	78100.000	.	1	78100.000	78100.000	78100.000
CA	.	.	669000.000	.	1	669000.000	669000.000	669000.000
NA	.	.	914000.000	.	1	914000.000	914000.000	914000.000
CR	.	.	32.100	.	1	32.100	32.100	32.100
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
ZN	.	.	72.900	.	1	72.900	72.900	72.900
AS	3.110	.	.	.	1	3.110	3.110	3.110

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23186

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	74.0 - 89.0	2.0	34.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	4.360	.	<1.340	.	1	4.360	4.360	4.360
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	1550.000	.	1	1550.000	1550.000	1550.000
CL	220000.000	.	233000.000	.	2	220000.000	233000.000	226500.000
NTT	.	.	1610.000	.	1	1610.000	1610.000	1610.000
SO4	1920000.000	.	1770000.000	.	2	1770000.000	1920000.000	1845000.000
MG	.	.	25000.000	.	1	25000.000	25000.000	25000.000
CA	.	.	343000.000	.	1	343000.000	343000.000	343000.000
K	.	.	6390.000	.	1	6390.000	6390.000	6390.000
NA	.	.	675000.000	.	1	675000.000	675000.000	675000.000
CR	.	.	31.300	.	1	31.300	31.300	31.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	131.000	.	1	131.000	131.000	131.000
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23187

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	116.5 - 131.5	2.0	34.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.169	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	5.550	.	1	5.550	5.550	5.550
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	0.648	.	<0.610	.	1	0.648	0.648	0.648
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	1380.000	.	1260.000	.	2	1260.000	1380.000	1320.000
CL	302000.000	.	398000.000	.	2	302000.000	398000.000	350000.000
NIT	.	.	61.200	.	1	61.200	61.200	61.200
SO4	795000.000	.	871000.000	.	2	795000.000	871000.000	833000.000
MG	.	.	3280.000	.	1	3280.000	3280.000	3280.000
CA	.	.	125000.000	.	1	125000.000	125000.000	125000.000
K	.	.	4770.000	.	1	4770.000	4770.000	4770.000
NA	.	.	509000.000	.	1	509000.000	509000.000	509000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	50.800	.	1	50.800	50.800	50.800
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23188

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.5 - 47.5	2.0	48.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	<0.332	.	0			
ALDRN	<0.176	.	<0.332	.	0			
ISODR	<0.144	.	<0.224	.	0			
PPDDE	<0.142	.	<0.184	.	0			
DLDRN	0.370	.	0.372	.	2	0.370	0.372	0.371
ENDRN	<0.126	.	<0.240	.	0			
PPDDT	<0.132	.	<0.236	.	0			
DCPD	10.800	.	18.800	.	2	10.800	18.800	14.800
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	437.000	.	1140.000	.	2	437.000	1140.000	788.500
DMDS	<1.700	.	<1.160	.	0			
OXAT	8.900	.	8.390	.	2	8.390	8.900	8.645
DITH	73.800	.	42.700	.	2	42.700	73.800	58.250
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	141.000	.	252.000	.	2	141.000	252.000	196.500
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	1.040	.	2.600	.	2	1.040	2.600	1.820
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	4.490	.	5.840	.	2	4.490	5.840	5.165
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.468	.	<0.608	.	0			
FL	<1000.000	.	3640.000	.	1	3640.000	3640.000	3640.000
CL	505000.000	.	2020000.000	.	2	505000.000	2020000.000	1262500.000
NTT	.	.	204.000	.	1	204.000	204.000	204.000
SO4	709000.000	.	856000.000	.	2	709000.000	856000.000	782500.000
MG	.	.	234000.000	.	1	234000.000	234000.000	234000.000
CA	.	.	511000.000	.	1	511000.000	511000.000	511000.000
K	.	.	13100.000	.	1	13100.000	13100.000	13100.000
NA	.	.	898000.000	.	1	898000.000	898000.000	898000.000
CR	.	.	70.700	.	1	70.700	70.700	70.700
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	35.100	.	1	35.100	35.100	35.100
AS	6.730	.	5.820	.	2	5.820	6.730	6.275

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23189

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	57.5 - 67.5	2.0	48.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.063	<0.054	<0.054	<0.054	1	0.063	0.063	0.063
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1220.000	1270.000	1	1270.000	1270.000	1270.000
CL	67000.000	69600.000	90000.000	75300.000	4	67000.000	90000.000	75475.000
NIT	.	.	28.100	.	1	28.100	28.100	28.100
SO4	1090000.000	1130000.000	1160000.000	1170000.000	4	1090000.000	1170000.000	1137500.000
MG	.	.	9540.000	.	1	9540.000	9540.000	9540.000
CA	.	.	145000.000	.	1	145000.000	145000.000	145000.000
K	.	.	3860.000	.	1	3860.000	3860.000	3860.000
NA	.	.	408000.000	.	1	408000.000	408000.000	408000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	34.300	.	1	34.300	34.300	34.300
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	2050.000	1	2050.000	2050.000	2050.000
PH	.	.	.	8.110	1	8.110	8.110	8.110

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23190

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	102.5 - 107.5	2.0	48.0	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	3.150	.	<2.240	.	1	3.150	3.150	3.150
C6H6	3.580	.	24.600	.	2	3.580	24.600	14.090
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	1360.000	.	1310.000	.	2	1310.000	1360.000	1335.000
CL	74300.000	.	93100.000	.	2	74300.000	93100.000	83700.000
NTT	.	.	2660.000	.	1	2660.000	2660.000	2660.000
SO4	809000.000	.	824000.000	.	2	809000.000	824000.000	816500.000
MG	.	.	2740.000	.	1	2740.000	2740.000	2740.000
CA	.	.	88800.000	.	1	88800.000	88800.000	88800.000
K	.	.	4160.000	.	1	4160.000	4160.000	4160.000
NA	.	.	378000.000	.	1	378000.000	378000.000	378000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	26.300	.	1	26.300	26.300	26.300
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23191

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.0 - 55.0	2.0	54.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.249	.	0			
ALDRN	<0.088	.	<0.249	.	0			
ISODR	<0.072	.	<0.168	.	0			
PPDDE	<0.071	.	<0.138	.	0			
DLDRN	<0.054	.	0.230	.	1	0.230	0.230	0.230
ENDRN	<0.063	.	<0.180	.	0			
PPDDT	<0.066	.	<0.177	.	0			
DCPD	<9.310	.	<9.310	-999.000	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	451.000	.	395.000	.	2	395.000	451.000	423.000
DMDS	<1.700	.	<1.160	.	0			
OXAT	4.170	.	4.210	.	2	4.170	4.210	4.190
DITH	27.100	.	13.000	.	2	13.000	27.100	20.050
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	72.300	.	<112.000	.	1	72.300	72.300	72.300
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	39.200	.	<0.610	.	1	39.200	39.200	39.200
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.456	.	0			
FL	<1000.000	.	2210.000	.	1	2210.000	2210.000	2210.000
CL	651000.000	.	1060000.000	.	2	651000.000	1060000.000	855500.000
NTT	.	.	6020.000	.	1	6020.000	6020.000	6020.000
SO4	367000.000	.	413000.000	.	2	367000.000	413000.000	390000.000
MG	.	.	60000.000	.	1	60000.000	60000.000	60000.000
CA	.	.	135000.000	.	1	135000.000	135000.000	135000.000
K	.	.	7960.000	.	1	7960.000	7960.000	7960.000
NA	.	.	714000.000	.	1	714000.000	714000.000	714000.000
CR	.	.	15.500	.	1	15.500	15.500	15.500
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	35.000	.	1	35.000	35.000	35.000
AS	4.920	.	3.940	.	2	3.940	4.920	4.430

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23192

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	106.0 - 116.0	2.0	54.0	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.249	.	0			
ALDRN	<0.088	.	<0.249	.	0			
ISODR	<0.072	.	<0.168	.	0			
PPDDE	<0.071	.	<0.138	.	0			
DLDRN	<0.054	.	<0.165	.	0			
ENDRN	<0.063	.	<0.180	.	0			
PPDDT	<0.066	.	<0.177	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	3.940	.	14.600	.	2	3.940	14.600	9.270
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.456	.	0			
FL	<1000.000	.	1360.000	.	1	1360.000	1360.000	1360.000
CL	288000.000	.	340000.000	.	2	288000.000	340000.000	314000.000
NTT	.	.	136.000	.	1	136.000	136.000	136.000
SO4	1150000.000	.	1290000.000	.	2	1150000.000	1290000.000	1220000.000
MG	.	.	7520.000	.	1	7520.000	7520.000	7520.000
CA	.	.	246000.000	.	1	246000.000	246000.000	246000.000
K	.	.	6380.000	.	1	6380.000	6380.000	6380.000
NA	.	.	621000.000	.	1	621000.000	621000.000	621000.000
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	22.700	.	1	22.700	22.700	22.700
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23193

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	164.0 - 169.0	2.0	54.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	1.680	.	1	1.680	1.680	1.680
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1830.000	.	1	1830.000	1830.000	1830.000
CL	.	.	442000.000	.	1	442000.000	442000.000	442000.000
NIT	.	.	20000.000	.	1	20000.000	20000.000	20000.000
SO4	.	.	82200.000	.	1	82200.000	82200.000	82200.000
MG	.	.	598.000	.	1	598.000	598.000	598.000
CA	.	.	34300.000	.	1	34300.000	34300.000	34300.000
K	.	.	2650.000	.	1	2650.000	2650.000	2650.000
NA	.	.	289000.000	.	1	289000.000	289000.000	289000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	13.200	.	1	13.200	13.200	13.200
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23196

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	12.0 - 22.0	4.0	18.0	SH	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	0.060	<0.054	<0.054	1	0.060	0.060	0.060
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	30.400	22.700	11.900	20.300	4	11.900	30.400	21.325
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	4170.000	6970.000	2	4170.000	6970.000	5570.000
CL	776000.000	1550000.000	632000.000	1200000.000	4	632000.000	1550000.000	1039500.000
SO4	2680000.000	2970000.000	1750000.000	2520000.000	4	1750000.000	2970000.000	2480000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	3580.000	5550.000	2	3580.000	5550.000	4565.000
PH	.	.	7.440	7.270	2	7.270	7.440	7.355

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23197

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.0 - 23.0	4.0	19.0	SH	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	78.200	190.000	17.000	250.000	4	17.000	250.000	133.800
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	1.800	<1.350	<1.350	1	1.800	1.800	1.800
DITH	<1.600	1.630	<1.590	<3.340	1	1.630	1.630	1.630
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	<10000.000	<10000.000	3850.000	3830.000	2	3830.000	3850.000	3840.000
CL	412000.000	50400.000	383000.000	380000.000	4	50400.000	412000.000	306350.000
SO4	1590000.000	1430000.000	1520000.000	1430000.000	4	1430000.000	1590000.000	1492500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	2680.000	1	2680.000	2680.000	2680.000
PH	.	.	.	7.080	1	7.080	7.080	7.080

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23198

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	15.0 - 20.0	4.0	22.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.059	0.115	0.075	0.070	4	0.059	0.115	0.080
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	131.000	191.000	648.000	451.000	4	131.000	648.000	355.250
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	1.700	<1.350	<1.350	1	1.700	1.700	1.700
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	3030.000	<10000.000	3260.000	3450.000	3	3030.000	3450.000	3246.667
CL	254000.000	234000.000	250000.000	250000.000	4	234000.000	254000.000	247000.000
SO4	465000.000	452000.000	491000.000	464000.000	4	452000.000	491000.000	468000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1550.000	1740.000	2	1550.000	1740.000	1645.000
PH	.	.	7.540	7.320	2	7.320	7.540	7.430

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23200

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	73.5 - 78.5	4.0	20.0	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.140	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	8.890	<4.950	<1.360	<1.360	1	8.890	8.890	8.890
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	1220.000	1130.000	1070.000	991.000	4	991.000	1220.000	1102.750
CL	85600.000	97400.000	93100.000	93300.000	4	85600.000	97400.000	92[illegible]50.000
SO4	306000.000	319000.000	309000.000	302000.000	4	302000.000	319000.000	309000.000
AS	3.970	<2.500	<2.500	<2.500	1	3.970	3.970	3.970
SPCOND	.	.	1080.000	1060.000	2	1060.000	1080.000	1070.000
PH	.	.	10.100	11.400	2	10.100	11.400	10.750

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23201

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	84.5 - 104.5	4.0	20.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450	<0.083	<0.083	<0.083	0			
ALDRN	<0.270	<0.083	<0.083	<0.083	0			
ISODR	<0.216	<0.056	<0.056	<0.056	0			
PPDDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	<0.162	<0.054	<0.054	<0.054	0			
ENDRN	<0.189	<0.060	<0.060	<0.060	0			
PPDDT	<0.210	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.140	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.040	0			
CPMS	<1.000	<1.080	<1.080	<1.190	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.230	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	12.400	1	12.400	12.400	12.400
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	6.880	<1.360	8.390	8.260	3	6.880	8.390	7.843
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.152	<0.152	<0.152	0			
FL	1030.000	<1000.000	1020.000	940.000	3	940.000	1030.000	996.667
CL	90900.000	70600.000	95200.000	95100.000	4	70600.000	95200.000	87950.000
SO4	343000.000	245000.000	337000.000	332000.000	4	245000.000	343000.000	314250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	920.000	940.000	2	920.000	940.000	930.000
PH	.	.	9.050	9.370	2	9.050	9.370	9.210

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23202

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	20.0 - 25.0	4.0	16.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	> 210.000	220.000	322.000	220.000	4	210.000	322.000	243.000
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	3.950	<1.980	<1.980	<1.980	1	3.950	3.950	3.950
CPMSO2	2.730	<2.240	<2.240	<2.240	1	2.730	2.730	2.730
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	1.100	<0.620	<0.620	1	1.100	1.100	1.100
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	7.590	21.700	6.780	8.400	4	6.780	21.700	11.117
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	<1000.000	3060.000	2970.000	2	2970.000	3060.000	3015.000
CL	414000.000	486000.000	447000.000	531000.000	4	414000.000	531000.000	469500.000
SO4	1200000.000	1350000.000	1370000.000	1360000.000	4	1200000.000	1370000.000	1320000.000
AS	<2.500	2.580	<2.500	<2.500	1	2.580	2.580	2.580
SPCOND	.	.	.	2450.000	1	2450.000	2450.000	2450.000
PH	.	.	.	7.330	1	7.330	7.330	7.330

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23203

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	27.0 - 32.0	4.0	20.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.166	<0.083	<0.083	0			
ALDRN	<0.264	<0.166	<0.083	<0.083	0			
ISODR	<0.216	<0.112	<0.056	<0.056	0			
PPDDE	<0.213	<0.092	<0.046	<0.046	0			
DLDRN	0.967	0.154	<0.054	<0.054	2	0.154	0.967	0.560
ENDRN	<0.189	<0.120	0.115	<0.060	1	0.115	0.115	0.115
PPDDT	<0.198	<0.118	<0.059	<0.059	0			
DCPD	<233.000	120.000	96.400	<9.310	2	96.400	120.000	108.200
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	0.171	<0.130	<0.130	1	0.171	0.171	0.171
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	> 210.000	473.000	387.000	10.500	4	10.500	473.000	270.125
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	1.940	2.070	2.370	<1.350	3	1.940	2.370	2.127
DITH	4.260	2.560	3.640	<3.340	3	2.560	4.260	3.487
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	18.500	12.700	12.900	<1.980	3	12.700	18.500	14.700
CPMSO2	3.940	<2.240	3.280	<2.240	2	3.280	3.940	3.610
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	5.340	9.180	2.620	<2.070	3	2.620	9.180	5.713
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	1.980	2.770	<1.310	<1.310	2	1.980	2.770	2.375
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	11.700	15.200	3.860	<2.760	3	3.860	15.200	10.253
CLDAN	<0.702	<0.304	<0.152	<0.152	0			
FL	<1000.000	<10000.000	2010.000	2000.000	2	2000.000	2010.000	2005.000
CL	369000.000	327000.000	404000.000	72200.000	4	72200.000	404000.000	293050.000
SO4	801000.000	257000.000	860000.000	1770000.000	4	257000.000	1770000.000	922000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	2540.000	1	2540.000	2540.000	2540.000
PH	.	.	.	6.970	1	6.970	6.970	6.970

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23204

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	29.0 - 34.0	4.0	24.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450	<0.166	<0.083	<0.083	0			
ALDRN	<0.270	<0.166	<0.083	<0.083	0			
ISODR	<0.216	<0.112	<0.056	<0.056	0			
PPDDE	<0.213	<0.092	<0.046	<0.046	0			
DLDRN	0.357	0.153	0.189	0.079	4	0.079	0.357	0.195
ENDRN	<0.189	<0.120	0.122	<0.060	1	0.122	0.122	0.122
PPDDT	0.289	<0.118	<0.059	<0.059	1	0.289	0.289	0.289
DCPD	59.500	43.200	49.900	27.500	4	27.500	59.500	45.025
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	1.850	1.830	1.120	0.694	4	0.694	1.850	1.374
DMMP	<15.200	<15.200	<152.000	<163.000	0			
DIMP	374.000	340.000	304.000	405.000	4	304.000	405.000	355.750
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	3.790	1.950	3.160	<3.340	3	1.950	3.790	2.967
CPMS	15.100	7.870	7.230	<1.080	3	7.230	15.100	10.067
CPMSO	67.300	43.600	47.300	<1.980	3	43.600	67.300	52.733
CPMSO2	13.000	13.500	13.500	<2.240	3	13.000	13.500	13.333
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	.	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	2.240	3.980	2.750	<2.070	3	2.240	3.980	2.990
CHCL3	15.400	33.100	24.500	22.400	4	15.400	33.100	23.850
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	1.560	1.590	<1.310	2	1.560	1.590	1.575
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	25.700	48.900	22.100	8.410	4	8.410	48.900	26.277
CLDAN	<0.702	<0.304	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<10000.000	1710.000	1	1710.000	1710.000	1710.000
CL	211000.000	221000.000	262000.000	207000.000	4	207000.000	262000.000	225250.000
SO4	1040000.000	1220000.000	1190000.000	1360000.000	4	1040000.000	1360000.000	1202500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	2300.000	2230.000	2	2230.000	2300.000	2265.000
PH	.	.	5.360	5.290	2	5.290	5.360	5.325

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23205

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	10.0 - 15.0	4.0	15.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.062	<0.054	0.073	<0.054	2	0.062	0.073	0.068
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<163.000	0			
DIMP	> 210.000	200.000	74.400	301.000	4	74.400	301.000	196.350
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	2.750	<1.980	1	2.750	2.750	2.750
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	5.430	<2.480	<2.480	<2.480	1	5.430	5.430	5.430
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	<9090.000	4360.000	4420.000	2	4360.000	4420.000	4390.000
CL	377000.000	321000.000	393000.000	355000.000	4	321000.000	393000.000	361500.000
SO4	1130000.000	1420000.000	1400000.000	1060000.000	4	1060000.000	1420000.000	1252500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	2860.000	.	1	2860.000	2860.000	2860.000
PH	.	.	7.490	.	1	7.490	7.490	7.490

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23208

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	14.0 - 19.0	4.0	19.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.083	<0.083	<0.083	0			
ALDRN	<0.264	<0.083	<0.083	<0.083	0			
ISODR	<0.216	<0.056	<0.056	<0.056	0			
PPDDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	<0.162	0.103	0.103	0.056	3	0.056	0.103	0.087
ENDRN	<0.189	<0.060	<0.060	<0.060	0			
PPDDT	<0.198	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	32.100	<10.500	<10.500	<10.100	1	32.100	32.100	32.100
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	3.750	1	3.750	3.750	3.750
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	4.590	1	4.590	4.590	4.590
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.152	<0.152	<0.152	0			
FL	3910.000	<10000.000	4330.000	4310.000	3	3910.000	4330.000	4183.333
CL	410000.000	394000.000	320000.000	347000.000	4	320000.000	410000.000	367750.000
SO4	446000.000	379000.000	349000.000	368000.000	4	349000.000	446000.000	385500.000
AS	<2.500	4.880	3.860	3.940	3	3.860	4.880	4.227
SPCOND	.	.	2050.000	2560.000	2	2050.000	2560.000	2305.000
PH	.	.	7.580	7.370	2	7.370	7.580	7.475

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23209

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	70.0 - 80.0	4.0	19.5	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	.	<9.310	0			
MIBK	<12.900	<12.900	.	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.140	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.040	0			
CPMS	<1.000	<1.080	<1.080	<1.190	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	2.320	1	2.320	2.320	2.320
BTZ	.	<1.140	<1.140	<1.230	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	13.100	1	13.100	13.100	13.100
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<3.000	<1.090	<1.700	<1.090	0			
112TCE	.	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	9.870	1	9.870	9.870	9.870
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1220.000	<1000.000	0			
CL	96900.000	102000.000	60400.000	101000.000	4	60400.000	102000.000	90075.000
NTT	.	.	66.700	.	1	66.700	66.700	66.700
SO4	610000.000	601000.000	290000.000	585000.000	4	290000.000	610000.000	521500.000
MG	.	.	5230.000	.	1	5230.000	5230.000	5230.000
CA	.	.	73600.000	.	1	73600.000	73600.000	73600.000
K	.	.	3560.000	.	1	3560.000	3560.000	3560.000
NA	.	.	280000.000	.	1	280000.000	280000.000	280000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	33.100	.	1	33.100	33.100	33.100
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1230.000	1	1230.000	1230.000	1230.000
PH	.	.	.	8.120	1	8.120	8.120	8.120

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23211

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	20.5 - 30.5	4.0	25.0	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.512	0.535	0.415	0.422	4	0.415	0.535	0.471
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	60.400	30.800	<10.500	24.300	3	24.300	60.400	38.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.950	2.160	2.040	1.470	4	1.470	2.950	2.155
DITH	6.310	<3.340	<1.590	<3.340	1	6.310	6.310	6.310
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	4.150	<2.240	<2.240	<2.240	1	4.150	4.150	4.150
C6H6	<1.920	<1.920	3.350	<1.920	1	3.350	3.350	3.350
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	3420.000	<1000.000	4110.000	4050.000	3	3420.000	4110.000	3860.000
CL	289000.000	377000.000	333000.000	308000.000	4	289000.000	377000.000	326750.000
SO4	237000.000	955000.000	260000.000	265000.000	4	237000.000	955000.000	429250.000
AS	3.260	.	3.660	3.220	3	3.220	3.660	3.380
SPCOND	.	.	1480.000	1700.000	2	1480.000	1700.000	1590.000
PH	.	.	7.500	7.350	2	7.350	7.500	7.425

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23216

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	8.0 - 18.3	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	49.000	1	49.000	49.000	49.000
C6H6	.	.	.	<1.920	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	<1.880	0			
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	<2.760	0			
SPCOND	.	.	.	2320.000	1	2320.000	2320.000	2320.000
PH	.	.	.	7.330	1	7.330	7.330	7.330

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23217

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	10.2 - 20.4	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	3.470	1	3.470	3.470	3.470
ENDRN	.	.	.	3.430	1	3.430	3.430	3.430
PPDDT	.	.	.	0.567	1	0.567	0.567	0.567
DCPD	.	.	.	185.000	1	185.000	185.000	185.000
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	1.240	1	1.240	1.240	1.240
DMMP	.	.	.	<163.000	0			
DIMP	.	.	.	1000.000	1	1000.000	1000.000	1000.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	3.160	1	3.160	3.160	3.160
DITH	.	.	.	9.880	1	9.880	9.880	9.880
CPMS	.	.	.	4.870	1	4.870	4.870	4.870
CPMSO	.	.	.	89.100	1	89.100	89.100	89.100
CPMSO2	.	.	.	33.600	1	33.600	33.600	33.600
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	4.140	1	4.140	4.140	4.140
CHCL3	.	.	.	7.520	1	7.520	7.520	7.520
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	3.630	1	3.630	3.630	3.630
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	58.100	1	58.100	58.100	58.100
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	4770.000	1	4770.000	4770.000	4770.000
CL	.	.	.	560000.000	1	560000.000	560000.000	560000.000
SO4	.	.	.	351000.000	1	351000.000	351000.000	351000.000
AS	.	.	.	3.390	1	3.390	3.390	3.390
SPCOND	.	.	.	2220.000	1	2220.000	2220.000	2220.000
PH	.	.	.	7.170	1	7.170	7.170	7.170

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23218

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	47.3 - 58.0	0.0	0.0		5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	0.058	<0.060	1	0.058	0.058	0.058
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	0.370	<0.130	1	0.370	0.370	0.370
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.240	0			
C6H6	.	.	12.200	<1.920	1	12.200	12.200	12.200
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	4.500	<1.880	1	4.500	4.500	4.500
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	4.430	<1.310	1	4.430	4.430	4.430
CLC6H5	.	.	48.900	<1.360	1	48.900	48.900	48.900
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	<1000.000	<1000.000	0			
CL	.	.	53800.000	54300.000	2	53800.000	54300.000	54050.000
SO4	.	.	548000.000	529000.000	2	529000.000	548000.000	538500.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1100.000	1350.000	2	1100.000	1350.000	1225.000
PH	.	.	9.220	9.890	2	9.220	9.890	9.555

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23219

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	63.3 - 74.0	0.0	0.0		5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.240	0			
C6H6	.	.	3.300	<1.920	1	3.300	3.300	3.300
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	1.330	<1.310	1	1.330	1.330	1.330
CLC6H5	.	.	16.900	<1.360	1	16.900	16.900	16.900
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	<1000.000	<1000.000	0			
CL	.	.	80100.000	55200.000	2	55200.000	80100.000	67650.000
SO4	.	.	415000.000	387000.000	2	387000.000	415000.000	401000.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1090.000	1240.000	2	1090.000	1240.000	1165.000
PH	.	.	10.800	11.200	2	10.800	11.200	11.000

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23220

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.2 - 39.1	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.700	0			
ALDRN	.	.	.	<0.700	0			
ISODR	.	.	.	<0.600	0			
PPDDE	.	.	.	<0.530	0			
DLDRN	.	.	.	1.740	1	1.740	1.740	1.740
ENDRN	.	.	.	0.863	1	0.863	0.863	0.863
PPDDT	.	.	.	<0.700	0			
DCPD	.	.	.	22.000	1	22.000	22.000	22.000
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	4.960	1	4.960	4.960	4.960
DMMP	.	.	.	<30.400	0			
DIMP	.	.	.	257.000	1	257.000	257.000	257.000
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	7.100	1	7.100	7.100	7.100
CPMSO	.	.	.	121.000	1	121.000	121.000	121.000
CPMSO2	.	.	.	7.360	1	7.360	7.360	7.360
C6H6	.	.	.	26.200	1	26.200	26.200	26.200
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	3.820	1	3.820	3.820	3.820
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	1.540	1	1.540	1.540	1.540
12DCLE	.	.	.	<61.000	0			
CHCL3	.	.	.	4960.000	1	4960.000	4960.000	4960.000
CCL4	.	.	.	<48.000	0			
111TCE	.	.	.	<34.000	0			
112TCE	.	.	.	<10.000	0			
TRCLE	.	.	.	53.200	1	53.200	53.200	53.200
CLC6H5	.	.	.	180.000	1	180.000	180.000	180.000
TCLEE	.	.	.	175.000	1	175.000	175.000	175.000
FL	.	.	.	1860.000	1	1860.000	1860.000	1860.000
CL	.	.	.	644000.000	1	644000.000	644000.000	644000.000
NIT	.	.	.	12400.000	1	12400.000	12400.000	12400.000
SO4	.	.	.	419000.000	1	419000.000	419000.000	419000.000
MG	.	.	.	95600.000	1	95600.000	95600.000	95600.000
CA	.	.	.	288000.000	1	288000.000	288000.000	288000.000
K	.	.	.	4090.000	1	4090.000	4090.000	4090.000
NA	.	.	.	463000.000	1	463000.000	463000.000	463000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	23.000	1	23.000	23.000	23.000
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23221

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	43.3 - 49.0	0.0	0.0		5	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	<10.500	0			
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	<1.340	0			
BIZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	<1.100	0			
CLC6H5	.	.	.	<0.580	0			
TCLEE	.	.	.	<1.300	0			
FL	.	.	.	<1220.000	0			
CL	.	.	.	57700.000	1	57700.000	57700.000	57700.000
NTT	.	.	.	578.000	1	578.000	578.000	578.000
SO4	.	.	.	574000.000	1	574000.000	574000.000	574000.000
MG	.	.	.	<500.000	0			
CA	.	.	.	287000.000	1	287000.000	287000.000	287000.000
K	.	.	.	16400.000	1	16400.000	16400.000	16400.000
NA	.	.	.	432000.000	1	432000.000	432000.000	432000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	29.900	1	29.900	29.900	29.900
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23222

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	59.6 - 70.3	0.0	0.0		5	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	<10.500	0			
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	<1.340	0			
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	<1.100	0			
CLC6H5	.	.	.	<0.580	0			
TCLEE	.	.	.	<1.300	0			
FL	.	.	.	<1220.000	0			
CL	.	.	.	62100.000	1	62100.000	62100.000	62100.000
NTT	.	.	.	348.000	1	348.000	348.000	348.000
SO4	.	.	.	740000.000	1	740000.000	740000.000	740000.000
MG	.	.	.	1390.000	1	1390.000	1390.000	1390.000
CA	.	.	.	106000.000	1	106000.000	106000.000	106000.000
K	.	.	.	5240.000	1	5240.000	5240.000	5240.000
NA	.	.	.	408000.000	1	408000.000	408000.000	408000.000
CR	.	.	.	11.900	1	11.900	11.900	11.900
CD	.	.	.	11.600	1	11.600	11.600	11.600
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	32.800	1	32.800	32.800	32.800
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23223

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	15.3 - 31.6	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<3.500	0			
ALDRN	.	.	.	<3.500	0			
ISODR	.	.	.	<3.000	0			
PPDDE	.	.	.	<2.650	0			
DLDRN	.	.	.	<3.000	0			
ENDRN	.	.	.	<2.600	0			
PPDDT	.	.	.	<3.500	0			
DCPD	.	.	.	199.000	1	199.000	199.000	199.000
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<152.000	0			
DIMP	.	.	.	1500.000	1	1500.000	1500.000	1500.000
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	14.800	1	14.800	14.800	14.800
DITH	.	.	.	79.200	1	79.200	79.200	79.200
CPMS	.	.	.	5.230	1	5.230	5.230	5.230
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	333.000	1	333.000	333.000	333.000
C6H6	.	.	.	4.310	1	4.310	4.310	4.310
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	9.930	1	9.930	9.930	9.930
CHCL3	.	.	.	6.480	1	6.480	6.480	6.480
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	9.210	1	9.210	9.210	9.210
CLC6H5	.	.	.	2.760	1	2.760	2.760	2.760
TCLEE	.	.	.	20.400	1	20.400	20.400	20.400
FL	.	.	.	5260.000	1	5260.000	5260.000	5260.000
CL	.	.	.	3270000.000	1	3270000.000	3270000.000	3270000.000
NIT	.	.	.	<10.000	0			
SO4	.	.	.	978000.000	1	978000.000	978000.000	978000.000
MG	.	.	.	469000.000	1	469000.000	469000.000	469000.000
CA	.	.	.	972000.000	1	972000.000	972000.000	972000.000
K	.	.	.	12000.000	1	12000.000	12000.000	12000.000
NA	.	.	.	1400000.000	1	1400000.000	1400000.000	1400000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	14.900	1	14.900	14.900	14.900
HG	.	.	.	<0.240	0			
ZN	.	.	.	48.200	1	48.200	48.200	48.200
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23224

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	78.6 - 94.8	4.0	0.0		5	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODP	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	12.600	1	12.600	12.600	12.600
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	<1.340	0			
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	<1.100	0			
CLC6H5	.	.	.	2.830	1	2.830	2.830	2.830
TCLEE	.	.	.	<1.300	0			
FL	.	.	.	1210.000	1	1210.000	1210.000	1210.000
CL	.	.	.	60700.000	1	60700.000	60700.000	60700.000
NIT	.	.	.	<10.000	0			
SO4	.	.	.	471000.000	1	471000.000	471000.000	471000.000
MG	.	.	.	2820.000	1	2820.000	2820.000	2820.000
CA	.	.	.	58900.000	1	58900.000	58900.000	58900.000
K	.	.	.	1550.000	1	1550.000	1550.000	1550.000
NA	.	.	.	290000.000	1	290000.000	290000.000	290000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	0.962	1	0.962	0.962	0.962
ZN	.	.	.	<20.100	0			
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23225

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	104.4 - 115.3	4.0	0.0		5	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	<10.500	0			
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	<1.340	0			
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	<1.100	0			
CLC6H5	.	.	.	4.910	1	4.910	4.910	4.910
TCLEE	.	.	.	<1.300	0			
FL	.	.	.	1430.000	1	1430.000	1430.000	1430.000
CL	.	.	.	54000.000	1	54000.000	54000.000	54000.000
NTT	.	.	.	169.000	1	169.000	169.000	169.000
SO4	.	.	.	478000.000	1	478000.000	478000.000	478000.000
MG	.	.	.	<500.000	0			
CA	.	.	.	39600.000	1	39600.000	39600.000	39600.000
K	.	.	.	2860.000	1	2860.000	2860.000	2860.000
NA	.	.	.	351000.000	1	351000.000	351000.000	351000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	<20.100	0			
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23226

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	25.0 - 36.7	4.0	0.0		5	NBW1A

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	<0.054	0			
ENDRN	.	.	.	<0.060	0			
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MTBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	119.000	1	119.000	119.000	119.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	<1.080	0			
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	.	<2.240	0			
C6H6	.	.	.	7.450	1	7.450	7.450	7.450
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	0.692	1	0.692	0.692	0.692
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	2.200	1	2.200	2.200	2.200
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	4.310	1	4.310	4.310	4.310
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	8.000	1	8.000	8.000	8.000
CLC6H5	.	.	.	97.700	1	97.700	97.700	97.700
TCLEE	.	.	.	<2.760	0			
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	1490.000	1	1490.000	1490.000	1490.000
CL	.	.	.	367000.000	1	367000.000	367000.000	367000.000
SO4	.	.	.	873000.000	1	873000.000	873000.000	873000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	1350.000	1	1350.000	1350.000	1350.000
PH	.	.	.	8.790	1	8.790	8.790	8.790

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23227

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	33.4 - 39.0	4.0	0.0		5	NEW1A

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	<0.054	0			
ENDRN	.	.	.	<0.060	0			
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	<10.100	0			
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	<1.080	0			
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	.	<2.240	0			
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	<1.880	0			
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	<2.760	0			
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	3480.000	1	3480.000	3480.000	3480.000
CL	.	.	.	118000.000	1	118000.000	118000.000	118000.000
SO4	.	.	.	2060000.000	1	2060000.000	2060000.000	2060000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	3970.000	1	3970.000	3970.000	3970.000
PH	.	.	.	7.610	1	7.610	7.610	7.610

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23228

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	48.7 - 54.4	4.0	0.0		5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	<0.054	0			
ENDRN	.	.	.	<0.060	0			
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	<10.100	0			
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	<1.080	0			
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	.	<2.240	0			
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	<1.880	0			
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	<2.760	0			
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	1650.000	1	1650.000	1650.000	1650.000
CL	.	.	.	118000.000	1	118000.000	118000.000	118000.000
SO4	.	.	.	1610000.000	1	1610000.000	1610000.000	1610000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	3110.000	1	3110.000	3110.000	3110.000
PH	.	.	.	7.230	1	7.230	7.230	7.230

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24001

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.9 - 52.4	4.0	52.1	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	13.000	.	.	.	1	13.000	13.000	13.000
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	9.250	.	.	.	1	9.250	9.250	9.250
CCL4	5.030	.	.	.	1	5.030	5.030	5.030
111TCE	1.360	.	.	.	1	1.360	1.360	1.360
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	2440.000	.	.	.	1	2440.000	2440.000	2440.000
CL	143000.000	.	.	.	1	143000.000	143000.000	143000.000
SO4	852000.000	.	.	.	1	852000.000	852000.000	852000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24002

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	26.5 - 31.5	4.0	32.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	0.193	.	.	.	1	0.193	0.193	0.193
ISODR	0.356	.	.	.	1	0.356	0.356	0.356
PPDDE	<0.071	.	.	.	0			
DLDRN	0.101	.	.	.	1	0.101	0.101	0.101
ENDRN	0.411	.	.	.	1	0.411	0.411	0.411
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	138.000	.	.	.	1	138.000	138.000	138.000
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	12.300	.	.	.	1	12.300	12.300	12.300
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1660.000	.	.	.	1	1660.000	1660.000	1660.000
CL	119000.000	.	.	.	1	119000.000	119000.000	119000.000
SO4	873000.000	.	.	.	1	873000.000	873000.000	873000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24003

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	7.0 - 22.0	4.0	22.1	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450	<0.083	<0.083	<0.083	0			
ALDRN	<0.270	<0.083	<0.083	<0.083	0			
ISODR	<0.216	<0.056	<0.056	<0.056	0			
PPDDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	<0.162	<0.054	<0.054	<0.054	0			
ENDRN	<0.189	<0.060	<0.060	<0.060	0			
PPDDT	<0.210	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	2.830	<2.240	1	2.830	2.830	2.830
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.152	<0.152	<0.152	0			
FL	1560.000	1380.000	1600.000	1370.000	4	1370.000	1600.000	1477.500
CL	82000.000	89200.000	88600.000	89000.000	4	82000.000	89200.000	87200.000
SO4	289000.000	294000.000	317000.000	322000.000	4	289000.000	322000.000	305500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	960.000	1200.000	2	960.000	1200.000	1080.000
PH	.	.	7.410	7.340	2	7.340	7.410	7.375

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24008

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	41.0 - 44.0	2.0	44.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.415	<0.083	<0.083	0			
ALDRN	<0.440	<0.415	<0.083	<0.083	0			
ISODR	<0.360	<0.280	<0.056	<0.056	0			
PPDDE	<0.355	<0.230	<0.046	<0.046	0			
DLDRN	0.692	1.080	1.200	1.020	4	0.692	1.200	0.998
ENDRN	0.478	0.828	0.824	0.751	4	0.478	0.828	0.720
PPDDT	<0.330	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	3.540	3.860	1.960	2.070	4	1.960	3.860	2.857
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	146.000	113.000	56.400	95.800	4	56.400	146.000	102.800
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	8.880	6.160	3.780	4.400	4	3.780	8.880	5.805
CPMSO	47.400	43.200	32.300	38.400	4	32.300	47.400	40.325
CPMSO2	6.790	6.420	4.380	5.100	4	4.380	6.790	5.672
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	3.710	<2.480	<2.480	1	3.710	3.710	3.710
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	> 109.000	> 115.000	23.100	12.500	4	12.500	115.000	64.900
CCL4	3.680	3.540	3.250	<1.690	3	3.250	3.680	3.490
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	26.500	42.300	12.400	14.800	4	12.400	42.300	24.000
CLDAN	<1.170	<0.760	<0.152	<0.152	0			
FL	2400.000	<1000.000	2640.000	2680.000	3	2400.000	2680.000	2573.333
CL	113000.000	109000.000	110000.000	110000.000	4	109000.000	113000.000	110500.000
SO4	709000.000	751000.000	802000.000	827000.000	4	709000.000	827000.000	772250.000
AS	3.260	<2.500	<2.500	<2.500	1	3.260	3.260	3.260
SPCOND	.	.	1450.000	1650.000	2	1450.000	1650.000	1550.000
PH	.	.	7.300	7.300	2	7.300	7.300	7.300

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24013

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.7 - 23.7	4.0	23.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.427	0.323	0.266	0.223	4	0.223	0.427	0.310
ENDRN	0.300	0.239	0.191	0.139	4	0.139	0.300	0.217
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.284	0.252	0.282	0.513	4	0.252	0.513	0.333
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	74.200	95.200	75.100	118.000	4	74.200	118.000	90.625
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	2.080	1.660	1.230	<1.080	3	1.230	2.080	1.657
CPMSO	12.900	9.480	9.940	9.360	4	9.360	12.900	10.420
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	2.180	3.530	3.120	3.960	4	2.180	3.960	3.197
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	1.180	<1.090	<1.090	1	1.180	1.180	1.180
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	3.400	9.260	3.120	<2.760	3	3.120	9.260	5.260
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2140.000	2240.000	2630.000	2670.000	4	2140.000	2670.000	2420.000
CL	90900.000	65400.000	99300.000	111000.000	4	65400.000	111000.000	91650.000
SO4	398000.000	316000.000	509000.000	492000.000	4	316000.000	509000.000	428750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1230.000	1630.000	2	1230.000	1630.000	1430.000
PH	.	.	7.450	7.520	2	7.450	7.520	7.485

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24024

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 21.0	2.0	23.1		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.232	0.222	0.431	0.415	4	0.222	0.431	0.325
ENDRN	0.136	0.209	0.310	0.289	4	0.136	0.310	0.236
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	10.400	1	10.400	10.400	10.400
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	1.640	2.360	2.030	2.150	4	1.640	2.360	2.045
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	105.000	184.000	120.000	160.000	4	105.000	184.000	142.250
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	2.990	4.950	4.580	4.420	4	2.990	4.950	4.235
CPMSO	33.500	37.200	34.600	35.100	4	33.500	37.200	35.100
CPMSO2	3.490	5.830	6.130	5.100	4	3.490	6.130	5.137
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	11.000	19.900	7.450	12.000	4	7.450	19.900	12.588
CCL4	<1.690	3.340	<1.690	<1.690	1	3.340	3.340	3.340
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	6.520	33.300	18.400	16.200	4	6.520	33.300	18.605
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	2370.000	2110.000	2460.000	2540.000	4	2110.000	2540.000	2370.000
CL	119000.000	144000.000	123000.000	146000.000	4	119000.000	146000.000	133000.000
SO4	586000.000	661000.000	630000.000	680000.000	4	586000.000	680000.000	639250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1400.000	1600.000	2	1400.000	1600.000	1500.000
PH	.	.	7.400	7.600	2	7.400	7.600	7.500

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24027

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.1 - 32.1	2.0	32.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	15.200	<15.200	<30.400	<16.300	0			
DIMP	76.500	66.100	42.200	72.100	4	42.200	76.500	64.225
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	.	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	6.160	<1.880	<1.880	1	6.160	6.160	6.160
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1420.000	1390.000	1770.000	1720.000	4	1390.000	1770.000	1575.000
CL	93900.000	96900.000	89800.000	92900.000	4	89800.000	96900.000	93375.000
SO4	430000.000	454000.000	434000.000	437000.000	4	430000.000	454000.000	438750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1090.000	1250.000	2	1090.000	1250.000	1170.000
PH	.	.	7.500	7.570	2	7.500	7.570	7.535

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24049

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	44.2 - 48.2	2.0	50.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	1.790	1.030	<0.083	<0.083	2	1.030	1.790	1.410
ALDRN	<0.440	<0.249	<0.083	<0.083	0			
ISODR	<0.360	<0.168	<0.056	<0.056	0			
PPDDE	<0.355	<0.138	<0.046	<0.046	0			
DLDRN	3.430	0.948	1.860	1.830	4	0.948	3.430	2.017
ENDRN	2.030	<0.180	1.260	1.060	3	1.060	2.030	1.450
PPDDT	<0.330	<0.177	<0.059	<0.059	0			
DCPD	125.000	183.000	135.000	120.000	4	120.000	183.000	140.750
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	8.500	6.910	5.380	6.110	4	5.380	8.500	6.725
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP >	210.000	522.000	392.000	628.000	4	210.000	628.000	438.000
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.030	3.020	1.920	1.630	4	1.630	3.020	2.150
DITH	11.500	5.660	6.060	5.100	4	5.100	11.500	7.080
CPMS	59.500	65.200	51.000	50.100	4	50.100	65.200	56.450
CPMSO	132.000	152.000	122.000	141.000	4	122.000	152.000	136.750
CPMSO2	48.600	81.000	60.800	58.600	4	48.600	81.000	62.250
C6H6	<1.920	4.490	4.670	2.360	3	2.360	4.670	3.840
BTZ	.	<1.140	3.640	<1.140	1	3.640	3.640	3.640
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	10.100	<2.070	2.950	2	2.950	10.100	6.525
CHCL3 >	111.000	763.000	263.000	540.000	4	111.000	763.000	419.250
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	3.300	7.680	3.380	3.770	4	3.300	7.680	4.532
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE >	94.600	> 129.000	<123.000	110.000	3	94.600	129.000	111.200
CLDAN	<1.170	<0.456	0.306	<0.152	1	0.306	0.306	0.306
FL	2370.000	<1000.000	2620.000	2600.000	3	2370.000	2620.000	2530.000
CL	371000.000	336000.000	298000.000	290000.000	4	290000.000	371000.000	323750.000
SO4	413000.000	406000.000	582000.000	485000.000	4	406000.000	582000.000	471500.000
AS	<2.500	<2.500	<2.500	2.580	1	2.580	2.580	2.580
SPCOND	.	.	1610.000	1440.000	2	1440.000	1610.000	1525.000
PH	.	.	7.600	7.500	2	7.500	7.600	7.550

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24063

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	33.5 - 37.5	2.0	32.0	SH	5	2 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.166	<0.083	<0.083	0			
ALDRN	<0.180	<0.166	<0.083	<0.083	0			
ISODR	<0.144	<0.112	<0.056	<0.056	0			
PPDDE	<0.142	<0.092	<0.046	<0.046	0			
DLDRN	<0.108	<0.110	<0.054	<0.054	0			
ENDRN	<0.126	<0.120	<0.060	<0.060	0			
PPDDT	<0.132	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	11.900	<10.500	11.900	13.100	3	11.900	13.100	12.300
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	4.060	<1.920	1	4.060	4.060	4.060
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<3.000	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.304	<0.152	<0.152	0			
FL	1310.000	1080.000	1200.000	1230.000	4	1080.000	1310.000	1205.000
CL	73800.000	74400.000	74800.000	86600.000	4	73800.000	86600.000	77400.000
SO4	316000.000	300000.000	307000.000	305000.000	4	300000.000	316000.000	307000.000
AS	<2.500	<2.500	<2.500	2.500	1	2.500	2.500	2.500
SPCOND	.	.	900.000	763.000	2	763.000	900.000	831.500
PH	.	.	8.300	8.000	2	8.000	8.300	8.150

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24081

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	31.1 - 47.1	2.0	35.0	SS	4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	319.000	445.000	448.000	617.000	4	319.000	617.000	457.250
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	2.410	2.280	<1.850	2	2.280	2.410	2.345
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	2.420	<1.930	<1.930	1	2.420	2.420	2.420
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	3.960	15.200	16.800	3.870	4	3.870	16.800	9.957
CCL4	2.660	7.480	<1.690	<1.690	2	2.660	7.480	5.070
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	1.790	<1.310	1.800	2	1.790	1.800	1.795
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1380.000	1520.000	2050.000	1800.000	4	1380.000	2050.000	1687.500
CL	151000.000	114000.000	178000.000	169000.000	4	114000.000	178000.000	153000.000
SO4	584000.000	422000.000	572000.000	577000.000	4	422000.000	584000.000	538750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1580.000	875.000	2	875.000	1580.000	1227.500
PH	.	.	7.480	7.500	2	7.480	7.500	7.490

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24086

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	33.9 - 49.9	2.0	22.4	SS	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	28.900	<10.500	<10.500	<10.100	1	28.900	28.900	28.900
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	4.940	<1.980	<1.980	<1.980	1	4.940	4.940	4.940
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1120.000	1630.000	1470.000	1830.000	4	1120.000	1830.000	1512.500
CL	115000.000	132000.000	169000.000	146000.000	4	115000.000	169000.000	140500.000
NTT	.	.	849.000	.	1	849.000	849.000	849.000
SO4	365000.000	431000.000	465000.000	459000.000	4	365000.000	465000.000	430000.000
MG	.	.	47000.000	.	1	47000.000	47000.000	47000.000
CA	.	.	142000.000	.	1	142000.000	142000.000	142000.000
K	.	.	1930.000	.	1	1930.000	1930.000	1930.000
NA	.	.	193000.000	.	1	193000.000	193000.000	193000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1750.000	1	1750.000	1750.000	1750.000
PH	.	.	.	7.460	1	7.460	7.460	7.460

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24089

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	30.2 - 39.3	2.0	17.5	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	26.500	.	1	26.500	26.500	26.500
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1280.000	.	1	1280.000	1280.000	1280.000
CL	.	.	101000.000	.	1	101000.000	101000.000	101000.000
NTT	.	.	3100.000	.	1	3100.000	3100.000	3100.000
SO4	.	.	411000.000	.	1	411000.000	411000.000	411000.000
MG	.	.	34400.000	.	1	34400.000	34400.000	34400.000
CA	.	.	139000.000	.	1	139000.000	139000.000	139000.000
K	.	.	2740.000	.	1	2740.000	2740.000	2740.000
NA	.	.	134000.000	.	1	134000.000	134000.000	134000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24092

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	35.0 - 45.0	2.0	47.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	78.700	59.500	29.600	42.100	4	29.600	78.700	52.475
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	<1.850	<1.850	<1.100	<1.850	0			
CH2CL2	<2.480	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2290.000	<9090.000	1860.000	2460.000	3	1860.000	2460.000	2203.333
CL	76800.000	74300.000	89900.000	79900.000	4	74300.000	89900.000	80225.000
NTT	.	.	2540.000	.	1	2540.000	2540.000	2540.000
SO4	1110000.000	1030000.000	1040000.000	1090000.000	4	1030000.000	1110000.000	1067500.000
MG	.	.	81100.000	.	1	81100.000	81100.000	81100.000
CA	.	.	165000.000	.	1	165000.000	165000.000	165000.000
K	.	.	5270.000	.	1	5270.000	5270.000	5270.000
NA	.	.	215000.000	.	1	215000.000	215000.000	215000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	21.600	.	1	21.600	21.600	21.600
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1390.000	1	1390.000	1390.000	1390.000
PH	.	.	.	7.500	1	7.500	7.500	7.500

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24094

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.3 - 40.3	2.0	36.8	SH	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	3.220	<1.690	<1.690	1	3.220	3.220	3.220
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	1060.000	1400.000	1440.000	3	1060.000	1440.000	1300.000
CL	94500.000	103000.000	105000.000	106000.000	4	94500.000	106000.000	102125.000
SO4	298000.000	333000.000	357000.000	329000.000	4	298000.000	357000.000	329250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1200.000	1460.000	2	1200.000	1460.000	1330.000
PH	.	.	7.720	7.610	2	7.610	7.720	7.665

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24101

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	27.0 - 35.0	2.0	32.3	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	0.361	<0.083	<0.083	1	0.361	0.361	0.361
ALDRN	.	<0.083	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	<0.056	0			
PPDDE	.	<0.046	<0.046	<0.046	0			
DLDRN	.	0.984	1.060	1.030	3	0.984	1.060	1.025
ENDRN	.	0.985	1.330	0.808	3	0.808	1.330	1.041
PPDDT	.	<0.059	<0.059	<0.059	0			
DCPD	.	40.700	18.600	48.500	3	18.600	48.500	35.933
MIBK	.	<12.900	<12.900	<12.900	0			
DBCP	.	8.840	5.120	7.450	3	5.120	8.840	7.137
DMMP	.	<15.200	<30.400	<163.000	0			
DIMP	.	278.000	157.000	372.000	3	157.000	372.000	269.000
DMDS	.	<1.160	<1.160	<1.160	0			
OXAT	.	<1.350	<1.350	<1.350	0			
DITH	.	2.360	1.860	<3.340	2	1.860	2.360	2.110
CPMS	.	16.100	9.800	14.200	3	9.800	16.100	13.367
CPMSO	.	101.000	68.800	84.400	3	68.800	101.000	84.733
CPMSO2	.	15.100	13.100	17.300	3	13.100	17.300	15.167
C6H6	.	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	1.410	<1.140	1	1.410	1.410	1.410
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	<1.750	0			
11DCLE	.	<1.930	<1.930	<1.930	0			
12DCLE	.	16.900	<2.070	4.390	2	4.390	16.900	10.645
CHCL3	.	1480.000	893.000	1130.000	3	893.000	1480.000	1167.667
CCL4	.	7.400	5.290	3.090	3	3.090	7.400	5.260
111TCE	.	3.010	1.550	<1.090	2	1.550	3.010	2.280
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	.	3.830	<1.310	1.420	2	1.420	3.830	2.625
CLC6H5	.	<1.360	<1.360	<1.360	0			
TCLEE	.	116.000	40.100	45.400	3	40.100	116.000	67.167
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	.	2180.000	2540.000	2600.000	3	2180.000	2600.000	2440.000
CL	.	283000.000	178000.000	291000.000	3	178000.000	291000.000	250666.667
SO4	.	623000.000	735000.000	670000.000	3	623000.000	735000.000	676000.000
AS	.	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1550.000	2360.000	2	1550.000	2360.000	1955.000
PH	.	.	7.600	7.590	2	7.590	7.600	7.595

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24106

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	12.0 - 20.0	2.0	16.0	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	0.058	<0.054	0.101	2	0.058	0.101	0.080
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	16.500	<1.980	<1.980	<1.980	1	16.500	16.500	16.500
CPMSO2	4.490	4.480	3.900	4.610	4	3.900	4.610	4.370
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1520.000	1720.000	1690.000	2230.000	4	1520.000	2230.000	1790.000
CL	76000.000	74300.000	97000.000	79700.000	4	74300.000	97000.000	81750.000
NIT	.	.	281.000	.	1	281.000	281.000	281.000
SO4	310000.000	328000.000	338000.000	372000.000	4	310000.000	372000.000	337000.000
MG	.	.	31300.000	.	1	31300.000	31300.000	31300.000
CA	.	.	85100.000	.	1	85100.000	85100.000	85100.000
K	.	.	2480.000	.	1	2480.000	2480.000	2480.000
NA	.	.	167000.000	.	1	167000.000	167000.000	167000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1400.000	1	1400.000	1400.000	1400.000
PH	.	.	.	7.480	1	7.480	7.480	7.480

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24107

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	27.0 - 35.0	2.0	34.6	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIEK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2750.000	.	1	2750.000	2750.000	2750.000
CL	.	.	293000.000	.	1	293000.000	293000.000	293000.000
NTT	.	.	2040.000	.	1	2040.000	2040.000	2040.000
SO4	.	.	2620000.000	.	1	2620000.000	2620000.000	2620000.000
MG	.	.	117000.000	.	1	117000.000	117000.000	117000.000
CA	.	.	421000.000	.	1	421000.000	421000.000	421000.000
K	.	.	3620.000	.	1	3620.000	3620.000	3620.000
NA	.	.	742000.000	.	1	742000.000	742000.000	742000.000
CR	.	.	25.800	.	1	25.800	25.800	25.800
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	92.800	.	1	92.800	92.800	92.800
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24108

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	31.9 - 39.9	2.0	22.5	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	3490.000	3160.000	3580.000	3	3160.000	3580.000	3410.000
CL	195000.000	218000.000	125000.000	183000.000	4	125000.000	218000.000	180250.000
SO4	898000.000	1160000.000	1140000.000	1140000.000	4	898000.000	1160000.000	1084500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1920.000	3130.000	2	1920.000	3130.000	2525.000
PH	.	.	.	7.440	1	7.440	7.440	7.440

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24109

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	47.0 - 55.0	2.0	12.8	SH	5	2 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	3180.000	3310.000	2	3180.000	3310.000	3245.000
CL	30200.000	38300.000	34900.000	29100.000	4	29100.000	38300.000	33125.000
SO4	2400000.000	2780000.000	2710000.000	2650000.000	4	2400000.000	2780000.000	2635000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	3650.000	5170.000	2	3650.000	5170.000	4410.000
PH	.	.	7.600	7.190	2	7.190	7.600	7.395

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24111

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	18.0 - 30.0	2.0	22.7	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.080	<0.054	<0.054	<0.054	1	0.080	0.080	0.080
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	163.000	180.000	224.000	293.000	4	163.000	293.000	215.000
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<1.280	<0.620	0			
MEC6H5	<1.210	<2.100	<1.210	<2.100	0			
XYLEN	<2.470	<1.340	<2.470	<1.340	0			
MXYLEN	<1.350	<1.040	<1.350	<1.040	0			
11DCE	<1.100	<1.850	<1.100	<1.850	0			
CH2CL2	<5.000	<2.480	<5.000	<2.480	0			
T12DCE	<1.200	<1.750	<1.200	<1.750	0			
11DCLE	<1.200	<1.930	<1.200	<1.930	0			
12DCLE	<0.610	<2.070	<0.610	<2.070	0			
CHCL3	<1.400	4.670	1.580	<1.880	2	1.580	4.670	3.125
CCL4	<2.400	<1.690	<2.400	<1.690	0			
111TCE	<1.700	<1.090	<1.700	<1.090	0			
112TCE	<1.000	<1.630	<1.000	<1.630	0			
TRCLE	<1.100	<1.310	<1.100	<1.310	0			
CLC6H5	<0.580	<1.360	<0.580	<1.360	0			
TCLEE	<1.300	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1270.000	1300.000	1590.000	2110.000	4	1270.000	2110.000	1567.500
CL	99000.000	113000.000	162000.000	127000.000	4	99000.000	162000.000	125250.000
NTT	.	.	15200.000	.	1	15200.000	15200.000	15200.000
SO4	403000.000	451000.000	517000.000	829000.000	4	403000.000	829000.000	550000.000
MG	.	.	40400.000	.	1	40400.000	40400.000	40400.000
CA	.	.	120000.000	.	1	120000.000	120000.000	120000.000
K	.	.	2340.000	.	1	2340.000	2340.000	2340.000
NA	.	.	223000.000	.	1	223000.000	223000.000	223000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24112

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	36.6 - 50.0	2.0	37.6	ST	4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	7.650	.	1	7.650	7.650	7.650
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	121000.000	.	1	121000.000	121000.000	121000.000
NTT	.	.	1620.000	.	1	1620.000	1620.000	1620.000
SO4	.	.	411000.000	.	1	411000.000	411000.000	411000.000
MG	.	.	36800.000	.	1	36800.000	36800.000	36800.000
CA	.	.	143000.000	.	1	143000.000	143000.000	143000.000
K	.	.	3460.000	.	1	3460.000	3460.000	3460.000
NA	.	.	153000.000	.	1	153000.000	153000.000	153000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24113

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.0 - 45.0	2.0	42.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	17.100	21.700	13.500	21.200	4	13.500	21.700	18.375
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1110.000	1370.000	<1220.000	1660.000	3	1110.000	1660.000	1380.000
CL	78400.000	102000.000	45700.000	73100.000	4	45700.000	102000.000	74800.000
NTT	.	.	1660.000	.	1	1660.000	1660.000	1660.000
SO4	306000.000	301000.000	119000.000	283000.000	4	119000.000	306000.000	252250.000
MG	.	.	32500.000	.	1	32500.000	32500.000	32500.000
CA	.	.	97000.000	.	1	97000.000	97000.000	97000.000
K	.	.	3870.000	.	1	3870.000	3870.000	3870.000
NA	.	.	145000.000	.	1	145000.000	145000.000	145000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24115

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	22.0 - 30.0	2.0	28.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.067	0.072	<0.054	<0.054	2	0.067	0.072	0.070
ENDRN	<0.063	<0.060	0.064	<0.060	1	0.064	0.064	0.064
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	0.186	0.157	<0.130	2	0.157	0.186	0.171
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	1180.000	1590.000	2	1180.000	1590.000	1385.000
CL	105000.000	101000.000	98800.000	99800.000	4	98800.000	105000.000	101150.000
SO4	307000.000	289000.000	319000.000	336000.000	4	289000.000	336000.000	312750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1030.000	.	1	1030.000	1030.000	1030.000
PH	.	.	7.500	.	1	7.500	7.500	7.500

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24117

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	12.0 - 20.0	2.0	18.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	<0.083	<0.083	<0.083	0			
ALDRN	.	<0.083	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	<0.056	0			
PPDDE	.	<0.046	<0.046	<0.046	0			
DLDRN	.	<0.054	<0.054	<0.054	0			
ENDRN	.	<0.060	<0.060	<0.060	0			
PPDDT	.	<0.059	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	<9.310	0			
MIBK	.	<12.900	<12.900	<12.900	0			
DBCP	.	0.563	<0.130	<0.130	1	0.563	0.563	0.563
DMMP	.	<15.200	<15.200	<16.300	0			
DIMP	.	<10.500	<10.500	<10.100	0			
DMDS	.	<1.160	<1.160	<1.160	0			
OXAT	.	<1.350	<1.350	<1.350	0			
DITH	.	<3.340	<1.590	<3.340	0			
CPMS	.	<1.080	<1.080	<1.080	0			
CPMSO	.	<1.980	<1.980	<1.980	0			
CPMSO2	.	<2.240	<2.240	<2.240	0			
C6H6	.	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	<1.750	0			
11DCLE	.	<1.930	<1.930	<1.930	0			
12DCLE	.	<2.070	<2.070	<2.070	0			
CHCL3	.	5.390	<1.880	<1.880	1	5.390	5.390	5.390
CCL4	.	15.300	16.800	11.800	3	11.800	16.800	14.633
111TCE	.	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	.	<1.310	<1.310	<1.310	0			
CLC6H5	.	<1.360	<1.360	<1.360	0			
TCLEE	.	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	.	1210.000	1210.000	1460.000	3	1210.000	1460.000	1293.333
CL	.	73800.000	88600.000	77300.000	3	73800.000	88600.000	79900.000
SO4	.	255000.000	291000.000	260000.000	3	255000.000	291000.000	268666.667
AS	.	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1020.000	.	1	1020.000	1020.000	1020.000
PH	.	.	7.570	.	1	7.570	7.570	7.570

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24120

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	85.0 - 95.0	2.0	32.0	SS	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.187	0.117	0.125	0.159	4	0.117	0.187	0.147
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<21.600	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1240.000	<1000.000	1200.000	1840.000	3	1200.000	1840.000	1426.667
CL	182000.000	200000.000	209000.000	183000.000	4	182000.000	209000.000	193500.000
NTT	.	.	389.000	.	1	389.000	389.000	389.000
SO4	780000.000	834000.000	812000.000	818000.000	4	780000.000	834000.000	811000.000
MG	.	.	23400.000	.	1	23400.000	23400.000	23400.000
CA	.	.	159000.000	.	1	159000.000	159000.000	159000.000
K	.	.	4150.000	.	1	4150.000	4150.000	4150.000
NA	.	.	469000.000	.	1	469000.000	469000.000	469000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	35.200	.	1	35.200	35.200	35.200
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	2270.000	1	2270.000	2270.000	2270.000
PH	.	.	.	7.170	1	7.170	7.170	7.170

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24124

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	32.6 - 40.6	2.0	12.5	SS	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.169	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	<9.310	0			
MIBK	.	<12.900	<12.900	<12.900	0			
DBCP	.	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	<1.850	<1.850	<1.100	<1.850	0			
CH2CL2	<2.480	<2.480	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	10.400	1	10.400	10.400	10.400
CHCL3	<1.880	<1.880	<1.400	<1.880	0			
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	<1.310	<1.310	<1.100	<1.310	0			
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	12.000	1	12.000	12.000	12.000
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1740.000	1780.000	1870.000	2120.000	4	1740.000	2120.000	1877.500
CL	36900.000	36700.000	50900.000	36100.000	4	36100.000	50900.000	40150.000
NTT	.	.	6370.000	.	1	6370.000	6370.000	6370.000
SO4	432000.000	425000.000	457000.000	440000.000	4	425000.000	457000.000	438500.000
MG	.	.	38100.000	.	1	38100.000	38100.000	38100.000
CA	.	.	55000.000	.	1	55000.000	55000.000	55000.000
K	.	.	<520.000	.	0			
NA	.	.	211000.000	.	1	211000.000	211000.000	211000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24127

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	30.0 - 35.0	2.0	27.4	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	1.140	.	1	1.140	1.140	1.140
ENDRN	.	.	0.819	.	1	0.819	0.819	0.819
PPDDT	.	.	> 0.066	.	1	0.066	0.066	0.066
DCPD	.	.	169.000	.	1	169.000	169.000	169.000
MIBK	.	.	<12.900	.	0			
DBCP	.	.	3.640	.	1	3.640	3.640	3.640
DMMP	.	.	<15.200	.	0			
DIMP	.	.	676.000	.	1	676.000	676.000	676.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	2.090	.	1	2.090	2.090	2.090
DITH	.	.	6.450	.	1	6.450	6.450	6.450
CPMS	.	.	22.900	.	1	22.900	22.900	22.900
CPMSO	.	.	92.600	.	1	92.600	92.600	92.600
CPMSO2	.	.	25.800	.	1	25.800	25.800	25.800
C6H6	.	.	2.150	.	1	2.150	2.150	2.150
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	4.250	.	1	4.250	4.250	4.250
CHCL3	.	.	104.000	.	1	104.000	104.000	104.000
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	12.100	.	1	12.100	12.100	12.100
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	70.100	.	1	70.100	70.100	70.100
CLDAN	.	.	<0.152	.	0			
FL	.	.	1860.000	.	1	1860.000	1860.000	1860.000
CL	.	.	489000.000	.	1	489000.000	489000.000	489000.000
NTT	.	.	173.000	.	1	173.000	173.000	173.000
SO4	.	.	563000.000	.	1	563000.000	563000.000	563000.000
MG	.	.	87900.000	.	1	87900.000	87900.000	87900.000
CA	.	.	191000.000	.	1	191000.000	191000.000	191000.000
K	.	.	6660.000	.	1	6660.000	6660.000	6660.000
NA	.	.	249000.000	.	1	249000.000	249000.000	249000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	94.000	.	1	94.000	94.000	94.000
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24130

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	25.0 - 30.0	2.0	22.8	ST	5	2 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.221	.	1	0.221	0.221	0.221
ENDRN	.	.	0.225	.	1	0.225	0.225	0.225
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	0.609	.	1	0.609	0.609	0.609
DMMP	.	.	<15.200	.	0			
DIMP	.	.	107.000	.	1	107.000	107.000	107.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	2.300	.	1	2.300	2.300	2.300
CPMSO	.	.	8.970	.	1	8.970	8.970	8.970
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	78.400	.	1	78.400	78.400	78.400
CCL4	.	.	<24.000	.	0			
111TCE	.	.	<17.000	.	0			
112TCE	.	.	<5.000	.	0			
TRCLE	.	.	<5.500	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	6.670	.	1	6.670	6.670	6.670
CLDAN	.	.	<0.152	.	0			
FL	.	.	2480.000	.	1	2480.000	2480.000	2480.000
CL	.	.	116000.000	.	1	116000.000	116000.000	116000.000
NTT	.	.	3380.000	.	1	3380.000	3380.000	3380.000
SO4	.	.	452000.000	.	1	452000.000	452000.000	452000.000
MG	.	.	51500.000	.	1	51500.000	51500.000	51500.000
CA	.	.	121000.000	.	1	121000.000	121000.000	121000.000
K	.	.	3580.000	.	1	3580.000	3580.000	3580.000
NA	.	.	167000.000	.	1	167000.000	167000.000	167000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24135

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	31.0 - 35.0	2.0	25.0	SS	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	<0.083	0			
ALDRN	<0.088	.	<0.083	<0.083	0			
ISODR	<0.072	.	<0.056	<0.056	0			
PPDDE	<0.071	.	<0.046	<0.046	0			
DLDRN	0.410	.	0.332	0.104	3	0.104	0.410	0.282
ENDRN	<0.063	.	0.243	0.104	2	0.104	0.243	0.173
PPDDT	<0.066	.	<0.059	<0.059	0			
DCPD	<9.310	.	<9.310	<9.310	0			
MIBK	<12.900	.	<12.900	<12.900	0			
DBCP	1.030	.	0.841	1.040	3	0.841	1.040	0.970
DMMP	<15.200	.	<15.200	<16.300	0			
DIMP	91.200	.	134.000	152.000	3	91.200	152.000	125.733
DMDS	<1.700	.	<1.160	<1.160	0			
OXAT	<1.350	.	<1.350	<1.350	0			
DITH	<1.600	.	<1.590	<3.340	0			
CPMS	3.870	.	3.380	2.980	3	2.980	3.870	3.410
CPMSO	22.700	.	20.600	21.000	3	20.600	22.700	21.433
CPMSO2	<2.600	.	3.840	4.340	2	3.840	4.340	4.090
C6H6	<1.920	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	.	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	12.100	.	22.000	22.000	3	12.100	22.000	18.700
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	1.840	.	<1.310	<1.310	1	1.840	1.840	1.840
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	6.380	7.410	2	6.380	7.410	6.895
CLDAN	<0.234	.	<0.152	<0.152	0			
FL	2150.000	.	2490.000	2860.000	3	2150.000	2860.000	2500.000
CL	134000.000	.	125000.000	124000.000	3	124000.000	134000.000	127666.667
SO4	701000.000	.	710000.000	730000.000	3	701000.000	730000.000	713666.667
AS	<2.500	.	<2.500	<2.500	0			
SPCOND	.	.	1430.000	.	1	1430.000	1430.000	1430.000
PH	.	.	7.300	.	1	7.300	7.300	7.300

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24136

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	51.0 - 64.0	2.0	25.0	SS	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	<0.083	0			
ALDRN	<0.088	.	<0.083	1.030	1	1.030	1.030	1.030
ISODR	<0.072	.	<0.056	<0.056	0			
PPDDE	<0.071	.	<0.046	<0.046	0			
DLDRN	<0.054	.	<0.054	<0.054	0			
ENDRN	<0.063	.	<0.060	<0.060	0			
PPDDT	<0.066	.	<0.059	<0.059	0			
DCPD	<9.310	.	<9.310	<9.310	0			
MIBK	<12.900	.	<12.900	<12.900	0			
DBCP	<0.130	.	<0.130	<0.130	0			
DMMP	<15.200	.	<15.200	<16.300	0			
DIMP	<10.500	.	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	<1.160	0			
OXAT	<1.350	.	<1.350	<1.350	0			
DITH	<1.600	.	<1.590	<3.340	0			
CPMS	<1.000	.	<1.080	<1.080	0			
CPMSO	<3.200	.	<1.980	<1.980	0			
CPMSO2	<2.600	.	<2.240	<2.240	0			
C6H6	<1.920	.	4.260	<1.920	1	4.260	4.260	4.260
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	.	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	<1.880	.	<1.880	<1.880	0			
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	.	<0.152	<0.152	0			
FL	<1000.000	.	990.000	916.000	2	916.000	990.000	953.000
CL	39100.000	.	40500.000	44700.000	3	39100.000	44700.000	41433.333
SO4	647000.000	.	704000.000	685000.000	3	647000.000	704000.000	678666.667
AS	<2.500	.	<2.500	<2.500	0			
SPCOND	.	.	1420.000	1460.000	2	1420.000	1460.000	1440.000
PH	.	.	7.620	7.620	2	7.620	7.620	7.620

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24137

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	81.0 - 100.0	2.0	25.0	SS	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	<0.083	0			
ALDRN	<0.088	.	<0.083	<0.083	0			
ISODR	<0.072	.	<0.056	<0.056	0			
PPDDE	<0.071	.	<0.046	<0.046	0			
DLDRN	<0.054	.	<0.054	<0.054	0			
ENDRN	<0.063	.	<0.060	<0.060	0			
PPDDT	<0.066	.	<0.059	<0.059	0			
DCPD	<9.310	.	<9.310	<9.310	0			
MIBK	<12.900	.	<12.900	<12.900	0			
DBCP	<0.130	.	<0.130	<0.130	0			
DMMP	<15.200	.	<15.200	<16.300	0			
DIMP	<10.500	.	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	<1.160	0			
OXAT	<1.350	.	<1.350	<1.350	0			
DITH	<1.600	.	<1.590	<3.340	0			
CPMS	<1.000	.	<1.080	<1.080	0			
CPMSO	<3.200	.	<1.980	<1.980	0			
CPMSO2	<2.600	.	<2.240	<2.240	0			
C6H6	5.930	.	<1.920	<1.920	1	5.930	5.930	5.930
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	.	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	<1.880	.	<1.880	<1.880	0			
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	.	<0.152	<0.152	0			
FL	<1000.000	.	<1000.000	<1000.000	0			
CL	33800.000	.	34500.000	39100.000	3	33800.000	39100.000	35800.000
SO4	508000.000	.	528000.000	522000.000	3	508000.000	528000.000	519333.333
AS	<2.500	.	<2.500	<2.500	0			
SPCOND	.	.	1110.000	1240.000	2	1110.000	1240.000	1175.000
PH	.	.	7.830	7.960	2	7.830	7.960	7.895

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24150

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	10.0 - 20.0	6.0	19.5	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	3.680	.	.	.	1	3.680	3.680	3.680
C6H6	<1.340	.	.	.	0			
ETC6H5	<1.280	.	.	.	0			
MEC6H5	<1.210	.	.	.	0			
XYLEN	<2.470	.	.	.	0			
MXYLEN	<1.350	.	.	.	0			
11DCE	<1.100	.	.	.	0			
CH2CL2	<5.000	.	.	.	0			
T12DCE	<1.200	.	.	.	0			
11DCLE	<1.200	.	.	.	0			
12DCLE	<0.610	.	.	.	0			
CHCL3	<1.400	.	.	.	0			
CCL4	<2.400	.	.	.	0			
111TCE	<1.700	.	.	.	0			
112TCE	<1.000	.	.	.	0			
TRCLE	<1.100	.	.	.	0			
CLC6H5	<0.580	.	.	.	0			
TCLEE	<1.300	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1110.000	.	.	.	1	1110.000	1110.000	1110.000
CL	99800.000	.	.	.	1	99800.000	99800.000	99800.000
SO4	435000.000	.	.	.	1	435000.000	435000.000	435000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24158

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	9.0 - 29.0	2.0	29.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	1240.000	.	1420.000	.	2	1240.000	1420.000	1330.000
CL	97500.000	.	120000.000	.	2	97500.000	120000.000	108750.000
NTT	.	.	1920.000	.	1	1920.000	1920.000	1920.000
SO4	297000.000	.	297000.000	.	2	297000.000	297000.000	297000.000
MG	.	.	42200.000	.	1	42200.000	42200.000	42200.000
CA	.	.	93800.000	.	1	93800.000	93800.000	93800.000
K	.	.	4100.000	.	1	4100.000	4100.000	4100.000
NA	.	.	152000.000	.	1	152000.000	152000.000	152000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	107.000	.	1	107.000	107.000	107.000
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24159

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	63.0 - 108.0	2.0	29.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.166	.	0			
ALDRN	<0.088	.	<0.166	.	0			
ISODR	<0.072	.	<0.112	.	0			
PPDDE	<0.071	.	<0.092	.	0			
DLDRN	<0.054	.	<0.110	.	0			
ENDRN	<0.063	.	<0.120	.	0			
PPDDT	<0.066	.	<0.118	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.304	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	28500.000	.	43000.000	.	2	28500.000	43000.000	35750.000
NIT	.	.	11.500	.	1	11.500	11.500	11.500
SO4	277000.000	.	320000.000	.	2	277000.000	320000.000	298500.000
MG	.	.	15100.000	.	1	15100.000	15100.000	15100.000
CA	.	.	132000.000	.	1	132000.000	132000.000	132000.000
K	.	.	2750.000	.	1	2750.000	2750.000	2750.000
NA	.	.	116000.000	.	1	116000.000	116000.000	116000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24161

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.0 - 18.0	4.0	17.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	0.531	<0.083	<0.083	1	0.531	0.531	0.531
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.908	0.676	0.573	0.913	4	0.573	0.913	0.768
ENDRN	0.626	0.430	0.377	0.586	4	0.377	0.626	0.505
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	14.500	<9.310	24.400	10.200	3	10.200	24.400	16.367
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	0.687	0.966	0.902	3	0.687	0.966	0.852
DMMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	116.000	354.000	> 210.000	419.000	4	116.000	419.000	274.750
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	1.440	<1.350	<1.350	1	1.440	1.440	1.440
DITH	2.570	1.670	2.430	<3.340	3	1.670	2.570	2.223
CPMS	1.710	27.700	18.200	4.350	4	1.710	27.700	12.990
CPMSO	5.090	31.500	43.800	36.700	4	5.090	43.800	29.273
CPMSO2	3.830	5.340	9.870	3.780	4	3.780	9.870	5.705
C6H6	<1.920	<1.920	<1.920	3.200	1	3.200	3.200	3.200
BTZ	.	<1.140	1.320	<1.140	1	1.320	1.320	1.320
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	10.500	4.690	15.100	3	4.690	15.100	10.097
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	2.220	7.190	2.790	7.190	4	2.220	7.190	4.848
CLC6H5	<1.360	<1.360	<1.360	18.000	1	18.000	18.000	18.000
TCLEE	<2.760	60.900	22.200	4.230	3	4.230	60.900	29.110
CLDAN	<0.23	<0.152	<0.152	<0.152	0			
FL	2030.000	2240.000	2500.000	2780.000	4	2030.000	2780.000	2387.500
CL	210000.000	240000.000	242000.000	280000.000	4	210000.000	280000.000	243000.000
SO4	401000.000	536000.000	528000.000	599000.000	4	401000.000	599000.000	516000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1680.000	2440.000	2	1680.000	2440.000	2060.000
PH	.	.	7.350	6.990	2	6.990	7.350	7.170

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24162

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	11.0 - 16.0	4.0	17.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.445	0.675	0.733	0.427	4	0.427	0.733	0.570
ENDRN	0.209	0.488	0.486	0.224	4	0.209	0.488	0.352
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	0.167	<0.130	<0.130	1	0.167	0.167	0.167
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	51.000	<10.500	157.000	187.000	3	51.000	187.000	131.667
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	2.200	<1.350	1	2.200	2.200	2.200
DITH	<1.600	<3.340	7.120	<3.340	1	7.120	7.120	7.120
CPMS	<1.000	1.260	3.380	<1.080	2	1.260	3.380	2.320
CPMSO	7.480	4.180	4.960	<1.980	3	4.180	7.480	5.540
CPMSO2	<2.600	<2.240	3.700	<2.240	1	3.700	3.700	3.700
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	2.800	2.380	6.020	3	2.380	6.020	3.733
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	9.220	1	9.220	9.220	9.220
TCLEE	<2.760	7.340	4.390	<2.760	2	4.390	7.340	5.865
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2240.000	<9090.000	2260.000	2560.000	3	2240.000	2560.000	2353.333
CL	213000.000	214000.000	285000.000	204000.000	4	204000.000	285000.000	229000.000
SO4	515000.000	447000.000	417000.000	402000.000	4	402000.000	515000.000	445250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1520.000	.	1	1520.000	1520.000	1520.000
PH	.	.	7.250	.	1	7.250	7.250	7.250

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24163

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	9.0 - 19.0	4.0	24.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	2.650	1	2.650	2.650	2.650
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	3.790	1	3.790	3.790	3.790
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	7.790	1	7.790	7.790	7.790
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1680.000	<9090.000	2290.000	2520.000	3	1680.000	2520.000	2163.333
CL	194000.000	183000.000	174000.000	289000.000	4	174000.000	289000.000	210000.000
SO4	401000.000	395000.000	322000.000	489000.000	4	322000.000	489000.000	401750.000
AS	<2.500	<2.500	7.150	4.360	2	4.360	7.150	5.755
SPCOND	.	.	1500.000	.	1	1500.000	1500.000	1500.000
PH	.	.	7.340	.	1	7.340	7.340	7.340

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24164

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	9.0 - 19.0	4.0	20.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.058	<0.054	<0.054	<0.054	1	0.058	0.058	0.058
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	.	<15.200	<16.300	0			
DIMP	<10.500	.	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	.	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	<1.880	.	<1.880	<1.880	0			
CCLA	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1890.000	2710.000	3230.000	3010.000	4	1890.000	3230.000	2710.000
CL	165000.000	200000.000	174000.000	194000.000	4	165000.000	200000.000	183250.000
SO4	372000.000	440000.000	651000.000	447000.000	4	372000.000	651000.000	477500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1480.000	1720.000	2	1480.000	1720.000	1600.000
PH	.	.	7.220	7.260	2	7.220	7.260	7.240

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24166

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 26.0	4.0	23.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.155	<0.046	<0.046	0			
DLDRN	0.155	0.100	0.117	0.076	4	0.076	0.155	0.112
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	.	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	.	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	<1.880	.	<1.880	<1.880	0			
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1830.000	1510.000	1710.000	1700.000	4	1510.000	1830.000	1687.500
CL	198000.000	103000.000	110000.000	17500.000	4	17500.000	198000.000	107125.000
SO4	418000.000	321000.000	320000.000	359000.000	4	320000.000	418000.000	354500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1000.000	1190.000	2	1000.000	1190.000	1095.000
PH	.	.	7.290	7.230	2	7.230	7.290	7.260

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24167

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	43.5 - 53.5	4.0	22.5	ST	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	2.930	<1.920	1	2.930	2.930	2.930
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	5.700	<2.480	<2.480	<2.480	1	5.700	5.700	5.700
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	10.300	1	10.300	10.300	10.300
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	3.230	<1.360	10.500	12.300	3	3.230	12.300	8.677
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	1170.000	<1000.000	1	1170.000	1170.000	1170.000
CL	25000.000	34000.000	31700.000	32500.000	4	25000.000	34000.000	30800.000
SO4	683000.000	688000.000	763000.000	696000.000	4	683000.000	763000.000	707500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1320.000	1280.000	2	1280.000	1320.000	1300.000
PH	.	.	7.660	7.400	2	7.400	7.660	7.530

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24168

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	73.5 - 93.5	4.0	22.5	ST	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	.	<16.300	0			
DIMP	<10.500	<10.500	.	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.140	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.040	0			
CPMS	<1.000	<1.080	<1.080	<1.190	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	2.610	<1.920	4.020	<1.920	2	2.610	4.020	3.315
BTZ	.	<1.140	<1.140	<1.230	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	4.610	<2.480	<2.480	<2.480	1	4.610	4.610	4.610
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	9.670	1	9.670	9.670	9.670
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	9.950	2.340	14.400	9.730	4	2.340	14.400	9.105
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	1090.000	<1000.000	1	1090.000	1090.000	1090.000
CL	40700.000	45000.000	44400.000	61000.000	4	40700.000	61000.000	47775.000
SO4	368000.000	406000.000	428000.000	443000.000	4	368000.000	443000.000	411250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	880.000	940.000	2	880.000	940.000	910.000
PH	.	.	9.250	9.090	2	9.090	9.250	9.170

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24171

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	40.0 - 50.0	4.0	18.0	SS	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.155	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	0.090	<0.054	1	0.090	0.090	0.090
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	.	5.710	3.650	2	3.650	5.710	4.680
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	<1.880	.	<1.880	<1.880	0			
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<3.000	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	21.600	12.800	2	12.800	21.600	17.200
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2540.000	1960.000	2190.000	2140.000	4	1960.000	2540.000	2207.500
CL	25000.000	29100.000	27800.000	28100.000	4	25000.000	29100.000	27500.000
SO4	144000.000	130000.000	141000.000	137000.000	4	130000.000	144000.000	138000.000
AS	<2.500	3.240	3.420	<2.500	2	3.240	3.420	3.330
SPCOND	.	.	600.000	1340.000	2	600.000	1340.000	970.000
PH	.	.	11.000	11.100	2	11.000	11.100	11.050

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24172

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	121.5 - 131.5	4.0	18.0	SS	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	4.680	4.640	2	4.640	4.680	4.660
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	6.870	2.570	2	2.570	6.870	4.720
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<3.000	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	1.510	17.400	12.300	3	1.510	17.400	10.403
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	978.000	<1000.000	1	978.000	978.000	978.000
CL	32900.000	33700.000	34300.000	34000.000	4	32900.000	34300.000	33725.000
SO4	955000.000	838000.000	891000.000	854000.000	4	838000.000	955000.000	884500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1480.000	2200.000	2	1480.000	2200.000	1840.000
PH	.	.	9.080	8.130	2	8.130	9.080	8.605

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24174

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	56.5 - 61.5	4.0	21.0	SS	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	.	<16.300	0			
DIMP	<10.500	<10.500	.	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	2.490	1	2.490	2.490	2.490
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<3.000	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	9.500	14.300	2	9.500	14.300	11.900
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1000.000	<1000.000	0			
CL	15300.000	15200.000	15600.000	13900.000	4	13900.000	15600.000	15000.000
SO4	282000.000	296000.000	275000.000	293000.000	4	275000.000	296000.000	286500.000
AS	<2.500	3.340	<2.500	3.850	2	3.340	3.850	3.595
SPCONL	.	.	630.000	1110.000	2	630.000	1110.000	870.000
PH	.	.	8.320	10.500	2	8.320	10.500	9.410

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24175

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	90.0 - 95.0	4.0	21.0	SS	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	3.980	<1.920	1	3.980	3.980	3.980
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	4.250	<2.480	<2.480	<2.480	1	4.250	4.250	4.250
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	16.700	4.770	2	4.770	16.700	10.735
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	913.000	<1000.000	1	913.000	913.000	913.000
CL	13400.000	16500.000	15100.000	14200.000	4	13400.000	16500.000	14800.000
SO4	264000.000	273000.000	293000.000	267000.000	4	264000.000	293000.000	274250.000
AS	<2.500	<2.500	4.080	<2.500	1	4.080	4.080	4.080
SPCOND	.	.	610.000	1010.000	2	610.000	1010.000	810.000
PH	.	.	10.600	7.900	2	7.900	10.600	9.250

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24178

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	14.0 - 19.0	4.0	19.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	.	.	.	0			
ALDRN	<0.264	.	.	.	0			
ISODR	<0.216	.	.	.	0			
PPDDE	<0.213	.	.	.	0			
DLDRN	2.810	.	.	.	1	2.810	2.810	2.810
ENDRN	1.910	.	.	.	1	1.910	1.910	1.910
PPDDT	<0.198	.	.	.	0			
DCPD	47.800	.	.	.	1	47.800	47.800	47.800
MIBK	<12.900	.	.	.	0			
DBCP	8.660	.	.	.	1	8.660	8.660	8.660
DMMP	<15.200	.	.	.	0			
DIMP	275.000	.	.	.	1	275.000	275.000	275.000
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	3.170	.	.	.	1	3.170	3.170	3.170
CPMS	44.700	.	.	.	1	44.700	44.700	44.700
CPMSO	121.000	.	.	.	1	121.000	121.000	121.000
CPMSO2	22.900	.	.	.	1	22.900	22.900	22.900
C6H6	<1.340	.	.	.	0			
ETC6H5	<1.280	.	.	.	0			
MEC6H5	<1.210	.	.	.	0			
XYLEN	<2.470	.	.	.	0			
MXYLEN	<1.350	.	.	.	0			
11DCE	<1.100	.	.	.	0			
CH2CL2	<5.000	.	.	.	0			
T12DCE	<1.200	.	.	.	0			
11DCLE	<1.200	.	.	.	0			
12DCLE	<0.610	.	.	.	0			
CHCL3	213.000	.	.	.	1	213.000	213.000	213.000
CCL4	3.190	.	.	.	1	3.190	3.190	3.190
111TCE	<1.700	.	.	.	0			
112TCE	<1.000	.	.	.	0			
TRCLE	<1.100	.	.	.	0			
CLC6H5	<0.580	.	.	.	0			
TCLEE	67.100	.	.	.	1	67.100	67.100	67.100
CLDAN	<0.702	.	.	.	0			
FL	2440.000	.	.	.	1	2440.000	2440.000	2440.000
CL	156000.000	.	.	.	1	156000.000	156000.000	156000.000
SO4	505000.000	.	.	.	1	505000.000	505000.000	505000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24179

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	14.0 - 24.0	4.0	24.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.750	<0.083	<0.083	<0.083	0			
ALDRN	<0.450	<0.083	<0.083	<0.083	0			
ISODR	<0.360	<0.056	<0.056	<0.056	0			
PPDDE	<0.355	<0.155	<0.046	<0.046	0			
DLDRN	1.830	1.400	1.740	1.660	4	1.400	1.830	1.657
ENDRN	1.410	1.260	1.470	1.600	4	1.260	1.600	1.435
PPDDT	<0.350	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	10.700	<9.310	1	10.700	10.700	10.700
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	2.840	1.840	1.140	0.686	4	0.686	2.840	1.626
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	> 210.000	182.000	138.000	203.000	4	138.000	210.000	183.250
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	11.900	7.670	6.200	6.400	4	6.200	11.900	8.043
CPMSO	67.200	66.900	33.200	26.700	4	26.700	67.200	48.500
CPMSO2	9.090	9.510	7.150	14.200	4	7.150	14.200	9.988
C6H6	<1.920	.	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	.	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	80.800	.	<1.880	3.320	2	3.320	80.800	42.060
CCL4	3.030	.	6.090	<1.690	2	3.030	6.090	4.560
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	1.350	.	<1.310	<1.310	1	1.350	1.350	1.350
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	48.700	.	16.700	12.300	3	12.300	48.700	25.900
CLDAN	<1.170	<0.152	<0.152	<0.152	0			
FL	2490.000	2430.000	2340.000	2650.000	4	2340.000	2650.000	2477.500
CL	133000.000	122000.000	101000.000	95100.000	4	95100.000	133000.000	112775.000
SO4	592000.000	576000.000	457000.000	443000.000	4	443000.000	592000.000	517000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1120.000	1370.000	2	1120.000	1370.000	1245.000
PH	.	.	7.150	7.430	2	7.150	7.430	7.290

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24180

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	11.0 - 16.0	4.0	16.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.194	0.290	0.257	0.449	4	0.194	0.449	0.297
ENDRN	0.173	0.249	0.427	0.468	4	0.173	0.468	0.329
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	3.990	4.110	4.180	4.530	4	3.990	4.530	4.203
DMMP	<15.200	<15.200	<30.400	<163.000	0			
DIMP	> 210.000	282.000	227.000	390.000	4	210.000	390.000	277.250
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	5.450	5.840	4.160	4.810	4	4.160	5.840	5.065
CPMSO	42.500	59.100	45.600	42.700	4	42.500	59.100	47.475
CPMSO2	3.840	5.720	5.520	7.540	4	3.840	7.540	5.655
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	2.210	<1.850	<1.850	<1.850	1	2.210	2.210	2.210
CH2CL2	27.000	<2.480	<2.480	<2.480	1	27.000	27.000	27.000
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<11.500	<2.070	0			
CHCL3	477.000	683.000	433.000	443.000	4	433.000	683.000	509.000
CCL4	4.590	9.550	4.290	3.980	4	3.980	9.550	5.603
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	2.540	<1.310	<1.310	1	2.540	2.540	2.540
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	28.400	71.400	26.800	25.600	4	25.600	71.400	38.050
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	<10000.000	2860.000	3210.000	2	2860.000	3210.000	3035.000
CL	244000.000	232000.000	229000.000	217000.000	4	217000.000	244000.000	230500.000
SO4	977000.000	917000.000	940000.000	901000.000	4	901000.000	977000.000	933750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1720.000	2000.000	2	1720.000	2000.000	1860.000
PH	.	.	7.270	7.120	2	7.120	7.270	7.195

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24181

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.0 - 27.0	4.0	24.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.200	<0.083	<0.083	0			
ALDRN	<0.088	0.133	<0.083	<0.083	1	0.133	0.133	0.133
ISODR	<0.072	0.082	<0.056	<0.056	1	0.082	0.082	0.082
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.315	0.676	<0.054	<0.054	2	0.315	0.676	0.496
ENDRN	<0.063	0.213	<0.060	<0.060	1	0.213	0.213	0.213
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	0.172	0.175	2	0.172	0.175	0.173
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	35.000	34.600	26.400	51.700	4	26.400	51.700	36.925
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	3.980	3.670	3.520	3	3.520	3.980	3.723
C6H6	<1.920	.	<1.920	2.790	1	2.790	2.790	2.790
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	<1.850	.	<1.850	<1.850	0			
CH2CL2	<2.480	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	3.120	.	3.520	3.620	3	3.120	3.620	3.420
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2150.000	<9090.000	1970.000	2170.000	3	1970.000	2170.000	2096.667
CL	115000.000	111000.000	119000.000	112000.000	4	111000.000	119000.000	114250.000
SO4	488000.000	423000.000	488000.000	464000.000	4	423000.000	488000.000	465750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1320.000	.	1	1320.000	1320.000	1320.000
PH	.	.	7.430	.	1	7.430	7.430	7.430

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24182

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 26.0	4.0	22.5	SH	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.328	0.265	0.220	0.240	4	0.220	0.328	0.263
ENDRN	<0.063	0.092	0.076	0.068	3	0.068	0.092	0.079
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	1.220	1.110	0.847	0.676	4	0.676	1.220	0.963
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	18.300	21.700	20.900	23.500	4	18.300	23.500	21.100
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	10.300	13.300	8.710	9.530	4	8.710	13.300	10.460
C6H6	<1.920	2.640	<1.920	<1.920	1	2.640	2.640	2.640
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	2.010	<1.850	<1.850	<1.850	1	2.010	2.010	2.010
CH2CL2	12.700	<2.480	<2.480	<2.480	1	12.700	12.700	12.700
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	7.070	1	7.070	7.070	7.070
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1230.000	1050.000	1480.000	1470.000	4	1050.000	1480.000	1307.500
CL	108000.000	110000.000	103000.000	90000.000	4	90000.000	110000.000	102750.000
SO4	279000.000	318000.000	367000.000	300000.000	4	279000.000	367000.000	316000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	980.000	1520.000	2	980.000	1520.000	1250.000
PH	.	.	7.430	7.380	2	7.380	7.430	7.405

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24183

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	11.0 - 21.0	4.0	21.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	0.087	1	0.087	0.087	0.087
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	0.155	<0.130	<0.130	1	0.155	0.155	0.155
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	6.100	<1.980	<1.980	<1.980	1	6.100	6.100	6.100
CPMSO2	3.200	2.980	3.690	3.640	4	2.980	3.690	3.377
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	2630.000	3470.000	2	2630.000	3470.000	3050.000
CL	282000.000	285000.000	203000.000	251000.000	4	203000.000	285000.000	255250.000
SO4	2190000.000	1900000.000	1370000.000	1870000.000	4	1370000.000	2190000.000	1832500.000
AS	<2.500	<2.500	<2.500	4.670	1	4.670	4.670	4.670
SPCOND	.	.	2080.000	3150.000	2	2080.000	3150.000	2615.000
PH	.	.	7.150	7.170	2	7.150	7.170	7.160

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24184

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	18.0 - 23.0	4.0	16.9	SS	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	18.000	22.200	18.500	25.200	4	18.000	25.200	20.975
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	4.330	<1.980	<1.980	<1.980	1	4.330	4.330	4.330
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	2.850	7.020	2.110	<1.880	3	2.110	7.020	3.993
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	2080.000	1980.000	2220.000	1330.000	4	1330.000	2220.000	1902.500
CL	73700.000	74300.000	71400.000	84300.000	4	71400.000	84300.000	75925.000
SO4	294000.000	300000.000	305000.000	243000.000	4	243000.000	305000.000	285500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	900.000	1050.000	2	900.000	1050.000	975.000
PH	.	.	7.480	7.310	2	7.310	7.480	7.395

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24185

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	15.0 - 25.0	4.0	25.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.303	0.284	0.299	0.295	4	0.284	0.303	0.295
ENDRN	<0.063	<0.060	0.082	0.068	2	0.068	0.082	0.075
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.140	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.040	0			
CPMS	<1.000	<1.080	<1.080	<1.190	0			
CPMSO	3.920	<1.980	<1.980	<1.980	1	3.920	3.920	3.920
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.230	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.870	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	3.380	1	3.380	3.380	3.380
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	1120.000	957.000	2	957.000	1120.000	1038.500
CL	95900.000	84100.000	83900.000	88900.000	4	83900.000	95900.000	88200.000
SO4	291000.000	273000.000	297000.000	266000.000	4	266000.000	297000.000	281750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	880.000	910.000	2	880.000	910.000	895.000
PH	.	.	7.480	7.330	2	7.330	7.480	7.405

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24186

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	5.0 - 15.0	4.0	12.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.116	0.124	0.159	0.139	4	0.116	0.159	0.135
ENDRN	<0.063	<0.060	0.086	0.069	2	0.069	0.086	0.077
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	3.050	6.440	2.540	2.100	4	2.100	6.440	3.533
CCL4	9.790	20.900	<1.690	9.970	3	9.790	20.900	13.553
111TCE	<1.090	<1.090	13.900	<1.090	1	13.900	13.900	13.900
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1260.000	1340.000	1270.000	1690.000	4	1260.000	1690.000	1390.000
CL	96200.000	116000.000	89200.000	91100.000	4	89200.000	116000.000	98125.000
SO4	283000.000	318000.000	252000.000	391000.000	4	252000.000	391000.000	311000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	840.000	960.000	2	840.000	960.000	900.000
PH	.	.	7.250	7.410	2	7.250	7.410	7.330

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24187

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	8.0 - 18.0	4.0	17.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.155	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	4.610	3.050	4.410	5.300	4	3.050	5.300	4.343
C6H6	<1.920	.	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	<1.880	.	<1.880	<1.880	0			
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	<1.310	.	<1.310	<1.310	0			
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1350.000	1590.000	1800.000	3020.000	4	1350.000	3020.000	1940.000
CL	88300.000	88300.000	88700.000	283000.000	4	88300.000	283000.000	137075.000
SO4	364000.000	405000.000	440000.000	1790000.000	4	364000.000	1790000.000	749750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1060.000	1260.000	2	1060.000	1260.000	1160.000
PH	.	.	7.410	7.280	2	7.280	7.410	7.345

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24188

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	7.0 - 17.0	4.0	34.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	4.290	4.010	3.360	<2.240	3	3.360	4.290	3.887
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	8.600	<2.100	<2.100	<2.100	1	8.600	8.600	8.600
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	21.700	<1.880	<1.880	1	21.700	21.700	21.700
CCLA	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<9090.000	2880.000	3420.000	2	2880.000	3420.000	3150.000
CL	254000.000	117000.000	269000.000	283000.000	4	117000.000	283000.000	230750.000
SO4	1790000.000	918000.000	1430000.000	1850000.000	4	918000.000	1850000.000	1497000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	2150.000	2670.000	2	2150.000	2670.000	2410.000
PH	.	.	7.100	7.180	2	7.100	7.180	7.140

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24191

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	33.1 - 44.0	0.0	0.0		5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	30.900	1	30.900	30.900	30.900
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.240	0			
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	12.800	5.520	2	5.520	12.800	9.160
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	<1000.000	1590.000	1	1590.000	1590.000	1590.000
CL	.	.	80100.000	106000.000	2	80100.000	106000.000	93050.000
SO4	.	.	525000.000	538000.000	2	525000.000	538000.000	531500.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1230.000	1590.000	2	1230.000	1590.000	1410.000
PH	.	.	7.110	7.020	2	7.020	7.110	7.065

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24192

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	12.7 - 22.9	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0.416	1	0.416	0.416	0.416
ALDRN	.	.	.	0.135	1	0.135	0.135	0.135
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	0.094	1	0.094	0.094	0.094
DLDRN	.	.	.	1.430	1	1.430	1.430	1.430
ENDRN	.	.	.	2.230	1	2.230	2.230	2.230
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	64.600	1	64.600	64.600	64.600
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	6.210	1	6.210	6.210	6.210
DMMP	.	.	.	<163.000	0			
DIMP	.	.	.	693.000	1	693.000	693.000	693.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	30.900	1	30.900	30.900	30.900
CPMSO	.	.	.	121.000	1	121.000	121.000	121.000
CPMSO2	.	.	.	34.100	1	34.100	34.100	34.100
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	38.500	1	38.500	38.500	38.500
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	2.390	1	2.390	2.390	2.390
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	58.600	1	58.600	58.600	58.600
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	3070.000	1	3070.000	3070.000	3070.000
CL	.	.	.	155000.000	1	155000.000	155000.000	155000.000
SO4	.	.	.	518000.000	1	518000.000	518000.000	518000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	1370.000	1	1370.000	1370.000	1370.000
PH	.	.	.	7.500	1	7.500	7.500	7.500

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24193

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	7.5 - 17.8	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	1.010	1	1.010	1.010	1.010
ENDRN	.	.	.	1.370	1	1.370	1.370	1.370
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	2.840	1	2.840	2.840	2.840
DMMP	.	.	.	<163.000	0			
DIMP	.	.	.	392.000	1	392.000	392.000	392.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	5.850	1	5.850	5.850	5.850
CPMSO	.	.	.	75.400	1	75.400	75.400	75.400
CPMSO2	.	.	.	5.770	1	5.770	5.770	5.770
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	26.400	1	26.400	26.400	26.400
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	27.100	1	27.100	27.100	27.100
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	3320.000	1	3320.000	3320.000	3320.000
CL	.	.	.	196000.000	1	196000.000	196000.000	196000.000
SO4	.	.	.	610000.000	1	610000.000	610000.000	610000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	1720.000	1	1720.000	1720.000	1720.000
PH	.	.	.	7.260	1	7.260	7.260	7.260

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24194

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	5.8 - 16.0	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	0.758	1	0.758	0.758	0.758
ENDRN	.	.	.	0.818	1	0.818	0.818	0.818
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	1.640	1	1.640	1.640	1.640
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	184.000	1	184.000	184.000	184.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	1.620	1	1.620	1.620	1.620
CPMSO	.	.	.	29.600	1	29.600	29.600	29.600
CPMSO2	.	.	.	3.860	1	3.860	3.860	3.860
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	132.000	1	132.000	132.000	132.000
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	13.400	1	13.400	13.400	13.400
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	3300.000	1	3300.000	3300.000	3300.000
CL	.	.	.	197000.000	1	197000.000	197000.000	197000.000
SO4	.	.	.	502000.000	1	502000.000	502000.000	502000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	1590.000	1	1590.000	1590.000	1590.000
PH	.	.	.	7.300	1	7.300	7.300	7.300

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24196

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.5 - 27.4	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	0.062	1	0.062	0.062	0.062
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	> 210.000	1	210.000	210.000	210.000
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	<6.080	0			
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	8.190	1	8.190	8.190	8.190
CLC6H5	.	.	.	55.000	1	55.000	55.000	55.000
TCLEE	.	.	.	<1.300	0			
FL	.	.	.	1830.000	1	1830.000	1830.000	1830.000
CL	.	.	.	138000.000	1	138000.000	138000.000	138000.000
NTT	.	.	.	3270.000	1	3270.000	3270.000	3270.000
SO4	.	.	.	667000.000	1	667000.000	667000.000	667000.000
MG	.	.	.	65700.000	1	65700.000	65700.000	65700.000
CA	.	.	.	229000.000	1	229000.000	229000.000	229000.000
K	.	.	.	2860.000	1	2860.000	2860.000	2860.000
NA	.	.	.	252000.000	1	252000.000	252000.000	252000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	<20.100	0			
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24197

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	58.4 - 69.3	4.0	0.0		5	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	<10.500	0			
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	4.860	1	4.860	4.860	4.860
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCLA	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	7.270	1	7.270	7.270	7.270
CLC6H5	.	.	.	47.600	1	47.600	47.600	47.600
TCLEE	.	.	.	2.130	1	2.130	2.130	2.130
FL	.	.	.	<1220.000	0			
CL	.	.	.	13900.000	1	13900.000	13900.000	13900.000
NTT	.	.	.	333.000	1	333.000	333.000	333.000
SO4	.	.	.	323000.000	1	323000.000	323000.000	323000.000
MG	.	.	.	6700.000	1	6700.000	6700.000	6700.000
CA	.	.	.	83300.000	1	83300.000	83300.000	83300.000
K	.	.	.	1390.000	1	1390.000	1390.000	1390.000
NA	.	.	.	196000.000	1	196000.000	196000.000	196000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	<20.100	0			
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24198

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	79.1 - 116.3	4.0	0.0		5	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDDT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<15.200	0			
DIMP	.	.	.	15.400	1	15.400	15.400	15.400
DMDS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
C6H6	.	.	.	<1.340	0			
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
CCL4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	<1.100	0			
CLC6H5	.	.	.	1.550	1	1.550	1.550	1.550
TCLEE	.	.	.	<1.300	0			
FL	.	.	.	3990.000	1	3990.000	3990.000	3990.000
CL	.	.	.	16900.000	1	16900.000	16900.000	16900.000
NTT	.	.	.	21.100	1	21.100	21.100	21.100
SO4	.	.	.	39600.000	1	39600.000	39600.000	39600.000
MG	.	.	.	<500.000	0			
CA	.	.	.	7360.000	1	7360.000	7360.000	7360.000
K	.	.	.	<1260.000	0			
NA	.	.	.	109000.000	1	109000.000	109000.000	109000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	.	<0.240	0			
ZN	.	.	.	87.600	1	87.600	87.600	87.600
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25009

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	70.0 - 105.0	2.0	34.0	SS	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODE	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIRK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	27500.000	.	1	27500.000	27500.000	27500.000
SO4	.	.	421000.000	.	1	421000.000	421000.000	421000.000
MG	.	.	3660.000	.	1	3660.000	3660.000	3660.000
CA	.	.	80400.000	.	1	80400.000	80400.000	80400.000
K	.	.	5380.000	.	1	5380.000	5380.000	5380.000
NA	.	.	169000.000	.	1	169000.000	169000.000	169000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25011

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	10.0 - 45.0	2.0	11.0	SS	4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1190.000	.	1	1190.000	1190.000	1190.000
CL	.	.	145000.000	.	1	145000.000	145000.000	145000.000
NTT	.	.	5490.000	.	1	5490.000	5490.000	5490.000
SO4	.	.	455000.000	.	1	455000.000	455000.000	455000.000
MG	.	.	56500.000	.	1	56500.000	56500.000	56500.000
CA	.	.	136000.000	.	1	136000.000	136000.000	136000.000
K	.	.	3270.000	.	1	3270.000	3270.000	3270.000
NA	.	.	186000.000	.	1	186000.000	186000.000	186000.000
CR	.	.	12.200	.	1	12.200	12.200	12.200
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25013

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	80.0 - 95.0	2.0	11.0	SS	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	12100.000	.	1	12100.000	12100.000	12100.000
NIT	.	.	69.200	.	1	69.200	69.200	69.200
SO4	.	.	237000.000	.	1	237000.000	237000.000	237000.000
MG	.	.	1280.000	.	1	1280.000	1280.000	1280.000
CA	.	.	30800.000	.	1	30800.000	30800.000	30800.000
K	.	.	1430.000	.	1	1430.000	1430.000	1430.000
NA	.	.	145000.000	.	1	145000.000	145000.000	145000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	22.300	.	1	22.300	22.300	22.300
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25014

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	54.0 - 64.0	2.0	11.0	SS	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2370.000	.	1	2370.000	2370.000	2370.000
CL	.	.	24300.000	.	1	24300.000	24300.000	24300.000
SO4	.	.	79700.000	.	1	79700.000	79700.000	79700.000
MG	.	.	<500.000	.	0			
CA	.	.	5260.000	.	1	5260.000	5260.000	5260.000
K	.	.	745.000	.	1	745.000	745.000	745.000
NA	.	.	103000.000	.	1	103000.000	103000.000	103000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25015

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	31.0 - 41.0	2.0	39.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1310.000	.	1	1310.000	1310.000	1310.000
CL	.	.	52000.000	.	1	52000.000	52000.000	52000.000
NTT	.	.	2120.000	.	1	2120.000	2120.000	2120.000
SO4	.	.	1290000.000	.	1	1290000.000	1290000.000	1290000.000
MG	.	.	43500.000	.	1	43500.000	43500.000	43500.000
CA	.	.	245000.000	.	1	245000.000	245000.000	245000.000
K	.	.	5380.000	.	1	5380.000	5380.000	5380.000
NA	.	.	370000.000	.	1	370000.000	370000.000	370000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	73.700	.	1	73.700	73.700	73.700
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25016

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	57.0 - 63.5	2.0	39.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1290.000	.	1	1290.000	1290.000	1290.000
CL	.	.	17800.000	.	1	17800.000	17800.000	17800.000
NIT	.	.	151.000	.	1	151.000	151.000	151.000
SO4	.	.	1580000.000	.	1	1580000.000	1580000.000	1580000.000
MG	.	.	38500.000	.	1	38500.000	38500.000	38500.000
CA	.	.	355000.000	.	1	355000.000	355000.000	355000.000
K	.	.	5750.000	.	1	5750.000	5750.000	5750.000
NA	.	.	464000.000	.	1	464000.000	464000.000	464000.000
CR	.	.	12.700	.	1	12.700	12.700	12.700
CD	.	.	6.640	.	1	6.640	6.640	6.640
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	44.400	.	1	44.400	44.400	44.400
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25017

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	72.0 - 78.0	2.0	39.0	SH	5	VCE

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BIZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1200.000	.	0			
CL	.	.	19300.000	.	1	19300.000	19300.000	19300.000
NTT	.	.	172.000	.	1	172.000	172.000	172.000
SO4	.	.	779000.000	.	1	779000.000	779000.000	779000.000
MG	.	.	4640.000	.	1	4640.000	4640.000	4640.000
CA	.	.	88400.000	.	1	88400.000	88400.000	88400.000
K	.	.	4490.000	.	1	4490.000	4490.000	4490.000
NA	.	.	282000.000	.	1	282000.000	282000.000	282000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25018

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	23.0 - 43.0	2.0	43.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	212.000	.	1	212.000	212.000	212.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1460.000	.	1	1460.000	1460.000	1460.000
CL	.	.	146000.000	.	1	146000.000	146000.000	146000.000
NTT	.	.	1910.000	.	1	1910.000	1910.000	1910.000
SO4	.	.	480000.000	.	1	480000.000	480000.000	480000.000
MG	.	.	46700.000	.	1	46700.000	46700.000	46700.000
CA	.	.	138000.000	.	1	138000.000	138000.000	138000.000
K	.	.	3040.000	.	1	3040.000	3040.000	3040.000
NA	.	.	207000.000	.	1	207000.000	207000.000	207000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25021

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	122.0 - 142.0	2.0	43.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1310.000	.	1	1310.000	1310.000	1310.000
CL	.	.	215000.000	.	1	215000.000	215000.000	215000.000
NTT	.	.	10.800	.	1	10.800	10.800	10.800
SO4	.	.	116000.000	.	1	116000.000	116000.000	116000.000
MG	.	.	<500.000	.	0			
CA	.	.	15400.000	.	1	15400.000	15400.000	15400.000
K	.	.	814.000	.	1	814.000	814.000	814.000
NA	.	.	193000.000	.	1	193000.000	193000.000	193000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25022

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	40.0 - 50.0	2.0	48.0	LG	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODP	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.085	.	1	0.085	0.085	0.085
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2300.000	.	1	2300.000	2300.000	2300.000
CL	.	.	31300.000	.	1	31300.000	31300.000	31300.000
NTT	.	.	2810.000	.	1	2810.000	2810.000	2810.000
SO4	.	.	405000.000	.	1	405000.000	405000.000	405000.000
MG	.	.	36200.000	.	1	36200.000	36200.000	36200.000
CA	.	.	92300.000	.	1	92300.000	92300.000	92300.000
K	.	.	3020.000	.	1	3020.000	3020.000	3020.000
NA	.	.	110000.000	.	1	110000.000	110000.000	110000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	21.300	.	1	21.300	21.300	21.300
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25023

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	60.0 - 65.0	2.0	48.0	LG	5	AS

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1310.000	.	1	1310.000	1310.000	1310.000
CL	.	.	16100.000	.	1	16100.000	16100.000	16100.000
NTT	.	.	806.000	.	1	806.000	806.000	806.000
SO4	.	.	152000.000	.	1	152000.000	152000.000	152000.000
MG	.	.	12000.000	.	1	12000.000	12000.000	12000.000
CA	.	.	37100.000	.	1	37100.000	37100.000	37100.000
K	.	.	2210.000	.	1	2210.000	2210.000	2210.000
NA	.	.	80100.000	.	1	80100.000	80100.000	80100.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	27.500	.	1	27.500	27.500	27.500
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25038

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.0 - 27.0	2.0	28.3	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1200.000	.	0			
CL	.	.	68400.000	.	1	68400.000	68400.000	68400.000
NIT	.	.	2320.000	.	1	2320.000	2320.000	2320.000
SO4	.	.	254000.000	.	1	254000.000	254000.000	254000.000
MG	.	.	29000.000	.	1	29000.000	29000.000	29000.000
CA	.	.	98500.000	.	1	98500.000	98500.000	98500.000
K	.	.	3680.000	.	1	3680.000	3680.000	3680.000
NA	.	.	105000.000	.	1	105000.000	105000.000	105000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	53.200	.	1	53.200	53.200	53.200
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25039

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	48.0 - 73.0	2.0	28.3	SH	5	1U

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<16.200	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	22500.000	.	1	22500.000	22500.000	22500.000
NIT	.	.	79.200	.	1	79.200	79.200	79.200
SO4	.	.	682000.000	.	1	682000.000	682000.000	682000.000
MG	.	.	12500.000	.	1	12500.000	12500.000	12500.000
CA	.	.	143000.000	.	1	143000.000	143000.000	143000.000
K	.	.	2660.000	.	1	2660.000	2660.000	2660.000
NA	.	.	237000.000	.	1	237000.000	237000.000	237000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	23.200	.	1	23.200	23.200	23.200
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26006

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	29.0 - 35.0	4.0	35.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	1.010	.	1	1.010	1.010	1.010
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	0.397	.	1	0.397	0.397	0.397
DMMP	.	.	<15.200	.	0			
DIMP	.	.	1040.000	.	1	1040.000	1040.000	1040.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	18.400	.	1	18.400	18.400	18.400
DITH	.	.	144.000	.	1	144.000	144.000	144.000
CPMS	.	.	1.840	.	1	1.840	1.840	1.840
CPMSO	.	.	8.780	.	1	8.780	8.780	8.780
CPMSO2	.	.	840.000	.	1	840.000	840.000	840.000
C6H6	.	.	<1.340	.	0			
BTZ	.	.	1.370	.	1	1.370	1.370	1.370
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	9.900	.	1	9.900	9.900	9.900
CHCL3	.	.	1.540	.	1	1.540	1.540	1.540
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	6.470	.	1	6.470	6.470	6.470
CLC6H5	.	.	9.140	.	1	9.140	9.140	9.140
TCLEE	.	.	1.780	.	1	1.780	1.780	1.780
CLDAN	.	.	<0.152	.	0			
FL	.	.	1930.000	.	1	1930.000	1930.000	1930.000
CL	.	.	733000.000	.	1	733000.000	733000.000	733000.000
NTT	.	.	3420.000	.	1	3420.000	3420.000	3420.000
SO4	.	.	923000.000	.	1	923000.000	923000.000	923000.000
MG	.	.	68900.000	.	1	68900.000	68900.000	68900.000
CA	.	.	197000.000	.	1	197000.000	197000.000	197000.000
K	.	.	5980.000	.	1	5980.000	5980.000	5980.000
NA	.	.	665000.000	.	1	665000.000	665000.000	665000.000
CR	.	.	15.200	.	1	15.200	15.200	15.200
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	33.800	.	1	33.800	33.800	33.800
AS	.	.	27.700	.	1	27.700	27.700	27.700

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26011

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	29.0 - 43.5	4.0	43.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	<0.083	.	0			
ALDRN	.	.	<0.117	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.244	.	1	0.244	0.244	0.244
ENDRN	.	.	0.220	.	1	0.220	0.220	0.220
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<21.600	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	16.300	.	1	16.300	16.300	16.300
DMDS	.	.	<1.160	.	0			
OXAT	.	.	1.660	.	1	1.660	1.660	1.660
DITH	.	.	1.740	.	1	1.740	1.740	1.740
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	11.200	.	1	11.200	11.200	11.200
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2880.000	.	1	2880.000	2880.000	2880.000
CL	.	.	1300000.000	.	1	1300000.000	1300000.000	1300000.000
NTT	.	.	1420.000	.	1	1420.000	1420.000	1420.000
SO4	.	.	534000.000	.	1	534000.000	534000.000	534000.000
MG	.	.	123000.000	.	1	123000.000	123000.000	123000.000
CA	.	.	308000.000	.	1	308000.000	308000.000	308000.000
K	.	.	9400.000	.	1	9400.000	9400.000	9400.000
NA	.	.	777000.000	.	1	777000.000	777000.000	777000.000
CR	.	.	25.500	.	1	25.500	25.500	25.500
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	73.500	.	1	73.500	73.500	73.500
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26015

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	48.0 - 52.0	2.0	48.6	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.083	<0.070	<0.070	0			
ALDRN	<0.350	<0.083	<0.070	<0.070	0			
ISODE	<0.300	<0.056	<0.060	<0.060	0			
PPDDE	<0.265	<0.046	<0.053	<0.053	0			
DLDRN	<0.300	0.221	<0.060	<0.060	1	0.221	0.221	0.221
ENDRN	<0.260	<0.060	<0.052	<0.052	0			
PPDDT	<0.350	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<76.000	<152.000	0			
DIMP	599.000	551.000	526.000	470.000	4	470.000	599.000	536.500
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	3.750	3.510	<2.000	3.240	3	3.240	3.750	3.500
DITH	13.600	7.820	<1.760	4.010	3	4.010	13.600	8.477
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	194.000	181.000	84.100	30.200	4	30.200	194.000	122.325
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<1.140	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	5.280	<1.210	<1.210	1	5.280	5.280	5.280
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	0.829	<0.610	<0.610	<0.610	1	0.829	0.829	0.829
CHCL3	<1.400	28.700	<1.400	<1.400	1	28.700	28.700	28.700
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	1.170	<1.000	<1.000	<1.000	1	1.170	1.170	1.170
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
CLDAN	.	<0.152	.	.	0			
FL	3250.000	2790.000	2720.000	3040.000	4	2720.000	3250.000	2950.000
CL	1290000.000	1030000.000	1030000.000	1000000.000	4	1000000.000	1290000.000	1087500.000
NTT	.	> 200.000	298.000	188.000	3	188.000	298.000	228.667
SO4	536000.000	499000.000	449000.000	449000.000	4	449000.000	536000.000	483250.000
MG	83600.000	67000.000	70000.000	59900.000	4	59900.000	83600.000	70125.000
CA	250000.000	217000.000	202000.000	198000.000	4	198000.000	250000.000	216750.000
K	8930.000	10300.000	9770.000	8160.000	4	8160.000	10300.000	9290.000
NA	739000.000	701000.000	729000.000	698000.000	4	698000.000	739000.000	716750.000
CR	<11.900	19.400	<5.960	.	1	19.400	19.400	19.400
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	12.600	10.800	2	10.800	12.600	11.700
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	27.200	86.700	82.100	43.800	4	27.200	86.700	59.950
AS	13.100	9.590	13.200	8.200	4	8.200	13.200	11.023
SPCOND	3930.000	3650.000	.	.	2	3650.000	3930.000	3790.000
PH	6.950	7.100	.	.	2	6.950	7.100	7.025

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26017

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	43.6 - 47.6	2.0	47.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.083	<0.070	<0.070	0			
ALDRN	<0.350	<0.083	<0.070	<0.070	0			
ISODR	<0.300	<0.056	<0.060	<0.060	0			
PPDDE	<0.265	<0.046	<0.053	<0.053	0			
DLDRN	<0.300	0.205	<0.060	0.308	2	0.205	0.308	0.257
ENDRN	<0.260	<0.060	<0.052	<0.052	0			
PPDDT	<0.350	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<152.000	0			
DIMP	118.000	162.000	174.000	201.000	4	118.000	201.000	163.750
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	6.010	<2.000	5.610	2	5.610	6.010	5.810
DITH	<1.100	5.240	3.310	10.300	3	3.310	10.300	6.283
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	13.800	20.800	14.600	19.000	4	13.800	20.800	17.050
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	1.780	<2.000	<2.000	1	1.780	1.780	1.780
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
CLDAN	.	<0.152	.	.	0			
FL	1990.000	2210.000	2370.000	2470.000	4	1990.000	2470.000	2260.000
CL	540000.000	506000.000	547000.000	560000.000	4	506000.000	560000.000	538250.000
NIT	.	2300.000	2380.000	2340.000	3	2300.000	2380.000	2340.000
SO4	313000.000	318000.000	314000.000	285000.000	4	285000.000	318000.000	307500.000
MG	42300.000	47600.000	49400.000	45400.000	4	42300.000	49400.000	46175.000
CA	102000.000	114000.000	114000.000	110000.000	4	102000.000	114000.000	110000.000
K	4910.000	7280.000	6780.000	4840.000	4	4840.000	7280.000	5952.500
NA	434000.000	495000.000	519000.000	497000.000	4	434000.000	519000.000	486250.000
CR	<11.900	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	55.200	43.000	70.300	<20.100	3	43.000	70.300	56.167
AS	8.230	6.400	9.400	4.700	4	4.700	9.400	7.183
SPCOND	2150.000	1830.000	.	.	2	1830.000	2150.000	1990.000
PH	6.930	7.010	.	.	2	6.930	7.010	6.970

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26019

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	46.6 - 50.6	2.0	46.5	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODP	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	12.000	.	1	12.000	12.000	12.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	5.810	.	1	5.810	5.810	5.810
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2890.000	.	1	2890.000	2890.000	2890.000
CL	.	.	559000.000	.	1	559000.000	559000.000	559000.000
NIT	.	.	4310.000	.	1	4310.000	4310.000	4310.000
SO4	.	.	329000.000	.	1	329000.000	329000.000	329000.000
MG	.	.	32800.000	.	1	32800.000	32800.000	32800.000
CA	.	.	113000.000	.	1	113000.000	113000.000	113000.000
K	.	.	4740.000	.	1	4740.000	4740.000	4740.000
NA	.	.	390000.000	.	1	390000.000	390000.000	390000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	40.900	.	1	40.900	40.900	40.900
AS	.	.	5.080	.	1	5.080	5.080	5.080

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26020

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	40.0 - 44.0	2.0	43.7	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.200	<0.070	<0.070	0			
ALDRN	<0.350	<0.083	<0.070	<0.070	0			
ISODR	<0.300	<0.056	<0.060	<0.060	0			
PPDDE	<0.265	<0.046	<0.053	<0.053	0			
DLDRN	<0.300	0.106	0.137	0.075	3	0.075	0.137	0.106
ENDRN	<0.260	<0.060	<0.052	<0.052	0			
PPDDT	<0.350	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<152.000	<152.000	0			
DIMP	805.000	868.000	862.000	711.000	4	711.000	868.000	811.500
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	2.810	<2.000	<2.000	1	2.810	2.810	2.810
DITH	3.120	5.260	3.130	3.320	4	3.120	5.260	3.707
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	<4.700	<2.240	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<1.140	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	4.380	<1.400	<1.400	<1.400	1	4.380	4.380	4.380
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
CLDAN	.	<0.152	.	.	0			
FL	2080.000	2320.000	.	2360.000	3	2080.000	2360.000	2253.333
CL	629000.000	616000.000	.	600000.000	3	600000.000	629000.000	615000.000
NIT	.	1910.000	.	.	1	1910.000	1910.000	1910.000
SO4	162000.000	228000.000	.	206000.000	3	162000.000	228000.000	198666.667
MG	23100.000	26600.000	.	.	2	23100.000	26600.000	24850.000
CA	75700.000	97200.000	.	.	2	75700.000	97200.000	86450.000
K	4030.000	5150.000	.	.	2	4030.000	5150.000	4590.000
NA	392000.000	463000.000	.	.	2	392000.000	463000.000	427500.000
CR	<11.900	<5.960	.	.	0			
CD	<5.160	<5.160	.	.	0			
PB	<18.600	<18.600	.	.	0			
CU	<7.930	<7.940	.	.	0			
HG	<0.500	<0.359	.	.	0			
ZN	50.900	27.000	.	.	2	27.000	50.900	38.950
AS	<3.900	4.430	.	.	1	4.430	4.430	4.430
SPCOND	1620.000	2050.000	.	.	2	1620.000	2050.000	1835.000
PH	7.780	7.800	.	.	2	7.780	7.800	7.790

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26041

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	42.9 - 46.9	2.0	42.0	SH	5	1 SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.400	<0.200	<0.700	<3.500	0			
ALDRN	<1.400	<0.083	<0.700	<3.500	0			
ISODR	<1.200	<0.056	<0.600	<3.000	0			
PPDDE	<1.060	<0.230	<0.530	<2.650	0			
DLDRN	<1.200	0.470	<0.600	<3.000	1	0.470	0.470	0.470
ENDRN	<1.040	<0.060	<0.520	<2.600	0			
PPDDT	<1.400	<0.059	<0.700	<3.500	0			
DCPD	21.700	14.600	16.600	<9.310	3	14.600	21.700	17.633
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	0.747	<0.130	1	0.747	0.747	0.747
DMMP	13100.000	> 315.000	19700.000	13600.000	4	315.000	19700.000	11678.750
DIMP	2720.000	3260.000	3810.000	3920.000	4	2720.000	3920.000	3427.500
DMDS	<1.800	29.000	8.100	<1.800	2	8.100	29.000	18.550
OXAT	<20.000	11.000	8.560	9.480	3	8.560	11.000	9.680
DITH	59.500	53.600	45.500	46.600	4	45.500	59.500	51.300
CPMS	<1.300	<1.080	<56.300	<1.300	0			
CPMSO	<4.200	<1.980	<84.000	<4.200	0			
CPMSO2	556.000	692.000	510.000	538.000	4	510.000	692.000	574.000
C6H6	25.400	<26.800	<26.800	<13.400	1	25.400	25.400	25.400
BTZ	.	<1.140	<40.000	<2.000	0			
ETC6H5	<1.280	<25.600	<25.600	<12.800	0			
MEC6H5	308.000	344.000	320.000	136.000	4	136.000	344.000	277.000
XYLEN	8.270	<49.400	<49.400	<24.700	1	8.270	8.270	8.270
MXYLEN	<1.350	<27.000	<27.000	<13.500	0			
11DCE	<5.010	<22.000	<22.000	<11.000	0			
CH2CL2	5.890	<100.000	<100.000	<50.000	1	5.890	5.890	5.890
T12DCE	<5.000	<24.000	<24.000	<12.000	0			
11DCLE	<5.000	<24.000	<24.000	<12.000	0			
12DCLE	24.500	39.300	109.000	94.900	4	24.500	109.000	66.925
CHCL3	<5.000	<28.000	<28.000	<14.000	0			
CCLA	<4.990	<48.000	<48.000	<24.000	0			
111TCE	<5.000	<34.000	<34.000	<17.000	0			
112TCE	<5.000	<20.000	<20.000	<20.000	0			
TRCLE	5.810	<22.000	<22.000	<22.000	1	5.810	5.810	5.810
CLC6H5	<5.000	<11.600	<11.600	<5.800	0			
TCLEE	<5.010	<26.000	<26.000	<13.000	0			
CLDAN	.	<0.152	.	.	0			
FL	221000.000	189000.000	223000.000	194000.000	4	189000.000	223000.000	206750.000
CL	27600000.000	27200000.000	28200000.000	26300000.000	4	26300000.000	28200000.000	27325000.000
NTT	.	21.500	106.000	.	2	21.500	106.000	63.750
SO4	8110000.000	7430000.000	8490000.000	7690000.000	4	7430000.000	8490000.000	7930000.000
MG	598000.000	872000.000	699000.000	774000.000	4	598000.000	872000.000	735750.000
CA	189000.000	205000.000	176000.000	239000.000	4	176000.000	239000.000	202250.000
K	100000.000	134000.000	120000.000	126000.000	4	100000.000	134000.000	120000.000
NA	8540000.000	19800000.000	3530000.000	8380000.000	4	3530000.000	19800000.000	10062500.000
CR	<11.900	<5.960	24.400	.	1	24.400	24.400	24.400
CD	<5.160	<5.160	<5.160	35.300	1	35.300	35.300	35.300
PB	39.100	<18.600	<18.600	44.200	2	39.100	44.200	41.650
CU	<7.930	<7.940	<7.940	27.000	1	27.000	27.000	27.000
HG	1.770	0.426	<0.686	2.030	3	0.426	2.030	1.409
ZN	69.700	27.500	70.400	148.000	4	27.500	148.000	78.900
AS	17.400	192.000	410.000	19.900	4	17.400	410.000	159.825
SPCOND	50000.000	49500.000	.	.	2	49500.000	50000.000	49750.000
PH	6.780	7.600	.	.	2	6.780	7.600	7.190

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26057

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	46.0 - 50.0	2.0	18.3	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.097	.	1	0.097	0.097	0.097
ENDRN	.	.	0.062	.	1	0.062	0.062	0.062
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	127.000	.	1	127.000	127.000	127.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	235000.000	.	1	235000.000	235000.000	235000.000
NIT	.	.	11400.000	.	1	11400.000	11400.000	11400.000
SO4	.	.	747000.000	.	1	747000.000	747000.000	747000.000
MG	.	.	28900.000	.	1	28900.000	28900.000	28900.000
CA	.	.	154000.000	.	1	154000.000	154000.000	154000.000
K	.	.	5670.000	.	1	5670.000	5670.000	5670.000
NA	.	.	391000.000	.	1	391000.000	391000.000	391000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26058

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	82.9 - 87.5	2.0	25.0	SS	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	17.000	.	1	17.000	17.000	17.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	8.790	.	1	8.790	8.790	8.790
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1480.000	.	1	1480.000	1480.000	1480.000
CL	.	.	58000.000	.	1	58000.000	58000.000	58000.000
NTT	.	.	<10.000	.	0			
SO4	.	.	269000.000	.	1	269000.000	269000.000	269000.000
MG	.	.	4150.000	.	1	4150.000	4150.000	4150.000
CA	.	.	26300.000	.	1	26300.000	26300.000	26300.000
K	.	.	2020.000	.	1	2020.000	2020.000	2020.000
NA	.	.	190000.000	.	1	190000.000	190000.000	190000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26061

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	47.8 - 51.2	2.0	27.5	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.415	.	0			
ALDRN	.	.	<0.415	.	0			
ISODR	.	.	<0.280	.	0			
PPDDE	.	.	<0.230	.	0			
DLDRN	.	.	<0.275	.	0			
ENDRN	.	.	<0.300	.	0			
PPDDT	.	.	<0.295	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	767.000	.	1	767.000	767.000	767.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	8.920	.	1	8.920	8.920	8.920
DITH	.	.	12.600	.	1	12.600	12.600	12.600
CPMS	.	.	2.350	.	1	2.350	2.350	2.350
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	9.580	.	1	9.580	9.580	9.580
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	29.500	.	1	29.500	29.500	29.500
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	1.540	.	1	1.540	1.540	1.540
CLDAN	.	.	<0.760	.	0			
FL	.	.	2420.000	.	1	2420.000	2420.000	2420.000
CL	.	.	1560000.000	.	1	1560000.000	1560000.000	1560000.000
NTT	.	.	16.400	.	1	16.400	16.400	16.400
SO4	.	.	428000.000	.	1	428000.000	428000.000	428000.000
MG	.	.	155000.000	.	1	155000.000	155000.000	155000.000
CA	.	.	506000.000	.	1	506000.000	506000.000	506000.000
K	.	.	4240.000	.	1	4240.000	4240.000	4240.000
NA	.	.	365000.000	.	1	365000.000	365000.000	365000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	5.440	.	1	5.440	5.440	5.440

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26066

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	49.0 - 61.0	2.0	34.0	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	116.000	.	1	116.000	116.000	116.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	49.500	.	1	49.500	49.500	49.500
DITH	.	.	263.000	.	1	263.000	263.000	263.000
CPMS	.	.	2.500	.	1	2.500	2.500	2.500
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	4.820	.	1	4.820	4.820	4.820
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	3.980	.	1	3.980	3.980	3.980
CLC6H5	.	.	8.620	.	1	8.620	8.620	8.620
TCLEE	.	.	5.700	.	1	5.700	5.700	5.700
CLDAN	.	.	<0.152	.	0			
FL	.	.	3530.000	.	1	3530.000	3530.000	3530.000
CL	.	.	3200000.000	.	1	3200000.000	3200000.000	3200000.000
NIT	.	.	108.000	.	1	108.000	108.000	108.000
SO4	.	.	689000.000	.	1	689000.000	689000.000	689000.000
MG	.	.	276000.000	.	1	276000.000	276000.000	276000.000
CA	.	.	1040000.000	.	1	1040000.000	1040000.000	1040000.000
K	.	.	9550.000	.	1	9550.000	9550.000	9550.000
NA	.	.	615000.000	.	1	615000.000	615000.000	615000.000
CR	.	.	70.700	.	1	70.700	70.700	70.700
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	6.760	.	1	6.760	6.760	6.760

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26067

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	99.0 - 107.0	2.0	34.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	166000.000	.	1	166000.000	166000.000	166000.000
NTT	.	.	<10.000	.	0			
SO4	.	.	474000.000	.	1	474000.000	474000.000	474000.000
MG	.	.	2370.000	.	1	2370.000	2370.000	2370.000
CA	.	.	63600.000	.	1	63600.000	63600.000	63600.000
K	.	.	<520.000	.	0			
NA	.	.	332000.000	.	1	332000.000	332000.000	332000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	28.100	.	1	28.100	28.100	28.100
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26071

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	46.0 - 54.0	2.0	39.0	ST	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	5230.000	.	1	5230.000	5230.000	5230.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	7.640	.	1	7.640	7.640	7.640
DITH	.	.	19.800	.	1	19.800	19.800	19.800
CPMS	.	.	5.980	.	1	5.980	5.980	5.980
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	1.990	.	1	1.990	1.990	1.990
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	1.740	.	1	1.740	1.740	1.740
TCLEE	.	.	5.330	.	1	5.330	5.330	5.330
CLDAN	.	.	<0.152	.	0			
FL	.	.	1370.000	.	1	1370.000	1370.000	1370.000
CL	.	.	519000.000	.	1	519000.000	519000.000	519000.000
NTT	.	.	<10.000	.	0			
SO4	.	.	513000.000	.	1	513000.000	513000.000	513000.000
MG	.	.	39100.000	.	1	39100.000	39100.000	39100.000
CA	.	.	131000.000	.	1	131000.000	131000.000	131000.000
K	.	.	5510.000	.	1	5510.000	5510.000	5510.000
NA	.	.	458000.000	.	1	458000.000	458000.000	458000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	32.400	.	1	32.400	32.400	32.400
AS	.	.	9.370	.	1	9.370	9.370	9.370

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26072

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	92.0 - 104.0	2.0	39.0	ST	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1200.000	.	0			
CL	.	.	108000.000	.	1	108000.000	108000.000	108000.000
NIT	.	.	<10.000	.	0			
SO4	.	.	279000.000	.	1	279000.000	279000.000	279000.000
MG	.	.	1720.000	.	1	1720.000	1720.000	1720.000
CA	.	.	36800.000	.	1	36800.000	36800.000	36800.000
K	.	.	1330.000	.	1	1330.000	1330.000	1330.000
NA	.	.	255000.000	.	1	255000.000	255000.000	255000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	23.800	.	1	23.800	23.800	23.800
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26073

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	46.2 - 50.2	2.0	49.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.166	<0.070	<0.070	0			
ALDRN	<0.350	<0.166	<0.070	<0.070	0			
ISODR	<0.300	<0.112	<0.060	<0.060	0			
PPDDE	<0.265	<0.092	<0.053	<0.053	0			
DLDRN	<0.300	0.402	<0.208	<0.060	1	0.402	0.402	0.402
ENDRN	<0.260	<0.120	<0.052	<0.052	0			
PPDDT	<0.350	<0.118	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	18.100	<15.200	1	18.100	18.100	18.100
DIMP	<10.500	23.800	<10.500	<10.500	1	23.800	23.800	23.800
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	<1.350	<2.000	<2.000	0			
DITH	<1.100	<3.340	<1.100	<1.100	0			
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	<4.700	<2.240	<4.700	<4.700	0			
C6H6	31.200	<1.340	2.320	<1.340	2	2.320	31.200	16.760
BTZ	.	<1.140	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	12.200	14.300	15.400	11.500	4	11.500	15.400	13.350
CCL4	4.440	6.290	6.140	3.810	4	3.810	6.290	5.170
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	1.340	1.320	<1.300	2	1.320	1.340	1.330
CLDAN	.	<0.304	.	.	0			
FL	1590.000	1650.000	1700.000	1800.000	4	1590.000	1800.000	1685.000
CL	170000.000	167000.000	178000.000	176000.000	4	167000.000	178000.000	172750.000
NIT	.	4890.000	4290.000	5540.000	3	4290.000	5540.000	4906.667
SO4	598000.000	716000.000	724000.000	742000.000	4	598000.000	742000.000	695000.000
MG	43900.000	50100.000	50100.000	55200.000	4	43900.000	55200.000	49825.000
CA	198000.000	214000.000	211000.000	229000.000	4	198000.000	229000.000	213000.000
K	4780.000	5150.000	5460.000	3020.000	4	3020.000	5460.000	4602.500
NA	200000.000	207000.000	216000.000	234000.000	4	200000.000	234000.000	214250.000
CR	<11.900	12.200	<5.960	21.500	2	12.200	21.500	16.850
CD	<5.160	<5.160	<5.160	7.510	1	7.510	7.510	7.510
PB	<18.600	<18.600	<18.600	21.900	1	21.900	21.900	21.900
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	61.900	28.400	<20.100	44.700	3	28.400	61.900	45.000
AS	<3.900	<2.500	8.000	<3.070	1	8.000	8.000	8.000
SPCOND	1590.000	1600.000	.	.	2	1590.000	1600.000	1595.000
PH	7.390	7.400	.	.	2	7.390	7.400	7.395

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26075

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	88.5 - 99.5	2.0	49.0	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	5.180	.	1	5.180	5.180	5.180
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	38000.000	.	1	38000.000	38000.000	38000.000
NTT	.	.	<10.000	.	0			
SO4	.	.	332000.000	.	1	332000.000	332000.000	332000.000
MG	.	.	5520.000	.	1	5520.000	5520.000	5520.000
CA	.	.	64700.000	.	1	64700.000	64700.000	64700.000
K	.	.	2650.000	.	1	2650.000	2650.000	2650.000
NA	.	.	263000.000	.	1	263000.000	263000.000	263000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	24.700	.	1	24.700	24.700	24.700
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	69.800	.	1	69.800	69.800	69.800
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26076

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	25.4 - 32.5	2.0	32.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODF	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.093	.	1	0.093	0.093	0.093
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	386.000	.	1	386.000	386.000	386.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26083

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.0 - 27.0	2.0	24.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.454	.	1	0.454	0.454	0.454
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	3820.000	.	1	3820.000	3820.000	3820.000
CL	.	.	296000.000	.	1	296000.000	296000.000	296000.000
NTT	.	.	4280.000	.	1	4280.000	4280.000	4280.000
SO4	.	.	275000.000	.	1	275000.000	275000.000	275000.000
MG	.	.	17600.000	.	1	17600.000	17600.000	17600.000
CA	.	.	40100.000	.	1	40100.000	40100.000	40100.000
K	.	.	4760.000	.	1	4760.000	4760.000	4760.000
NA	.	.	381000.000	.	1	381000.000	381000.000	381000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	53.500	.	1	53.500	53.500	53.500
AS	.	.	9.940	.	1	9.940	9.940	9.940

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26084

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	70.0 - 82.0	2.0	24.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1200.000	.	0			
CL	.	.	130000.000	.	1	130000.000	130000.000	130000.000
NITT	.	.	24.500	.	1	24.500	24.500	24.500
SO4	.	.	939000.000	.	1	939000.000	939000.000	939000.000
MG	.	.	5780.000	.	1	5780.000	5780.000	5780.000
CA	.	.	111000.000	.	1	111000.000	111000.000	111000.000
K	.	.	3310.000	.	1	3310.000	3310.000	3310.000
NA	.	.	419000.000	.	1	419000.000	419000.000	419000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26085

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	22.9 - 32.1	2.0	32.5	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.700	<0.166	<0.700	<1.400	0			
ALDRN	<0.700	<0.166	<0.700	<1.400	0			
ISODR	<0.600	<0.112	<0.600	<1.200	0			
PPDDE	<0.530	<0.092	<0.530	<1.060	0			
DLDRN	<0.600	<0.110	<0.600	<1.200	0			
ENDRN	<0.520	<0.120	<0.520	<1.040	0			
PPDDT	<0.700	<0.118	<0.700	<1.400	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.220	0.187	0.214	0.180	4	0.180	0.220	0.200
DMMP	<15.200	<15.200	<30.400	<15.200	0			
DIMP	97.000	123.000	104.000	76.400	4	76.400	123.000	100.100
DMDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	<1.350	<2.000	<2.000	0			
DITH	<1.100	<3.340	<1.100	<1.100	0			
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<5.350	<4.200	0			
CPMSO2	<4.700	28.600	<22.000	<4.700	1	28.600	28.600	28.600
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	3.360	<2.000	2.650	2	2.650	3.360	3.005
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	23.500	18.000	24.200	12.600	4	12.600	24.200	19.575
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	8.930	8.750	8.690	7.400	4	7.400	8.930	8.442
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
CLDAN	.	<0.304	.	.	0			
FL	3000.000	2790.000	2920.000	3340.000	4	2790.000	3340.000	3012.500
CL	1730000.000	1720000.000	1740000.000	1720000.000	4	1720000.000	1740000.000	1727500.000
NIT	.	1170.000	1410.000	1670.000	3	1170.000	1670.000	1416.667
SO4	807000.000	963000.000	917000.000	941000.000	4	807000.000	963000.000	907000.000
MG	155000.000	188000.000	181000.000	216000.000	4	155000.000	216000.000	185000.000
CA	457000.000	538000.000	504000.000	695000.000	4	457000.000	695000.000	548500.000
K	9000.000	8200.000	8270.000	6170.000	4	6170.000	9000.000	7910.000
NA	545000.000	681000.000	648000.000	924000.000	4	545000.000	924000.000	699500.000
CR	<11.900	43.700	<5.960	.	1	43.700	43.700	43.700
CD	<5.160	<5.160	<5.160	15.100	1	15.100	15.100	15.100
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	21.600	<7.940	<7.940	13.100	2	13.100	21.600	17.350
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	219.000	35.100	40.900	101.000	4	35.100	219.000	99.000
AS	17.900	19.900	28.400	37.400	4	17.900	37.400	25.900
SPCOND	4500.000	4850.000	.	.	2	4500.000	4850.000	4675.000
PH	7.620	7.760	.	.	2	7.620	7.760	7.690

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26086

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	64.0 - 74.0	2.0	32.5	SS	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.121	.	1	0.121	0.121	0.121
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	286.000	.	1	286.000	286.000	286.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	3.090	.	1	3.090	3.090	3.090
DITH	.	.	23.900	.	1	23.900	23.900	23.900
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	1.620	.	1	1.620	1.620	1.620
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	3.810	.	1	3.810	3.810	3.810
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1490.000	.	1	1490.000	1490.000	1490.000
CL	.	.	802000.000	.	1	802000.000	802000.000	802000.000
NIT	.	.	660.000	.	1	660.000	660.000	660.000
SO4	.	.	331000.000	.	1	331000.000	331000.000	331000.000
MG	.	.	53600.000	.	1	53600.000	53600.000	53600.000
CA	.	.	245000.000	.	1	245000.000	245000.000	245000.000
K	.	.	3090.000	.	1	3090.000	3090.000	3090.000
NA	.	.	279000.000	.	1	279000.000	279000.000	279000.000
CR	.	.	17.100	.	1	17.100	17.100	17.100
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	25.300	.	1	25.300	25.300	25.300
AS	.	.	6.470	.	1	6.470	6.470	6.470

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26088

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	32.0 - 36.0	2.0	33.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.456	.	1	0.456	0.456	0.456
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	12.700	.	1	12.700	12.700	12.700
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	16.100	.	1	16.100	16.100	16.100
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1960.000	.	1	1960.000	1960.000	1960.000
CL	.	.	361000.000	.	1	361000.000	361000.000	361000.000
NTT	.	.	4580.000	.	1	4580.000	4580.000	4580.000
SO4	.	.	177000.000	.	1	177000.000	177000.000	177000.000
MG	.	.	158000.000	.	1	158000.000	158000.000	158000.000
CA	.	.	515000.000	.	1	515000.000	515000.000	515000.000
K	.	.	5220.000	.	1	5220.000	5220.000	5220.000
NA	.	.	368000.000	.	1	368000.000	368000.000	368000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26127

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	41.1 - 44.5	2.0	43.0	SS	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87		N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.070	<0.070		0			
ALDRN	<0.070	<0.083	<0.070	<0.070		0			
ISODR	<0.060	<0.056	<0.060	<0.060		0			
PPDDE	<0.053	<0.046	<0.053	<0.053		0			
DLDRN	0.303	0.090	0.106	0.089		4	0.089	0.303	0.147
ENDRN	<0.052	<0.060	<0.052	<0.052		0			
PPDDT	<0.066	<0.059	<0.070	<0.070		0			
DCPD	<9.310	<9.310	<9.310	<9.310		0			
MIBK	<12.900	<12.900	<12.900	<12.900		0			
DBCP	<0.130	<0.130	<0.130	<0.130		0			
DMMP	.	<15.200	<380.000	<152.000		0			
DIMP	1620.000	1420.000	1760.000	1690.000		4	1420.000	1760.000	1622.500
DMDS	<1.800	<1.160	<1.800	<1.800		0			
OXAT	4.350	5.450	4.710	7.680		4	4.350	7.680	5.548
DITH	37.700	41.700	44.300	22.200	>	4	22.200	44.300	36.475
CPMS	<1.300	<1.080	<1.300	<1.300		0			
CPMSO	<4.200	<1.980	<4.200	<4.200		0			
CPMSO2	<4.700	<2.240	<4.700	<4.700		0			
C6H6	<1.340	<1.340	<1.340	<1.340		0			
BTZ	.	1.320	<2.000	2.370		2	1.320	2.370	1.845
ETC6H5	<1.280	<1.280	<1.280	<1.280		0			
MEC6H5	<1.210	<1.210	<1.210	<1.210		0			
XYLEN	<2.470	<2.470	<2.470	<2.470		0			
MXYLEN	<1.350	<1.350	<1.350	<1.350		0			
11DCE	<1.100	<1.100	<1.100	<1.100		0			
CH2CL2	<5.000	<5.000	<5.000	<5.000		0			
T12DCE	<1.200	<1.200	<1.200	<1.200		0			
11DCLE	<1.200	<1.200	<1.200	<1.200		0			
12DCLE	<0.610	<0.610	<0.610	<0.610		0			
CHCL3	<1.400	<1.400	<1.400	<1.400		0			
CCL4	<2.400	<2.400	<2.400	<2.400		0			
111TCE	<1.700	<1.700	<1.700	<1.700		0			
112TCE	<1.000	<1.000	<1.000	<1.000		0			
TRCLE	<1.100	<1.100	<1.100	<1.100		0			
CLC6H5	2.310	2.990	1.040	1.570		4	1.040	2.990	1.978
TCLEE	<1.300	<1.300	<1.300	<1.300		0			
CLDAN	.	<0.152	.	.		0			
FL	1360.000	1480.000	1500.000	1610.000		4	1360.000	1610.000	1487.500
CL	910000.000	843000.000	901000.000	924000.000		4	843000.000	924000.000	894500.000
NIT	.	1890.000	1560.000	2180.000		3	1560.000	2180.000	1876.667
SO4	414000.000	399000.000	411000.000	412000.000		4	399000.000	414000.000	409000.000
MG	75900.000	75600.000	79400.000	74000.000		4	74000.000	79400.000	76225.000
CA	325000.000	369000.000	374000.000	342000.000		4	325000.000	374000.000	352500.000
K	4470.000	4840.000	4340.000	2520.000		4	2520.000	4840.000	4042.500
NA	225000.000	292000.000	282000.000	307000.000		4	225000.000	307000.000	276500.000
CR	20.700	21.200	<5.960	.		2	20.700	21.200	20.950
CD	7.200	<5.160	<5.160	<5.160		1	7.200	7.200	7.200
PB	<18.600	<18.600	<18.600	<18.600		0			
CU	10.900	<7.940	<7.940	13.100		2	10.900	13.100	12.000
HG	1.090	<0.359	<0.480	<0.480		1	1.090	1.090	1.090
ZN	75.000	<20.100	<20.100	60.100		2	60.100	75.000	67.550
AS	7.750	6.400	5.100	10.600		4	5.100	10.600	7.463
SPCOND	2510.000	2530.000	.	.		2	2510.000	2530.000	2520.000
PH	6.700	7.280	.	.		2	6.700	7.280	6.990

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26129

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	90.0 - 100.0	2.0	43.0	SS	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<16.200	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	214.000	.	1	214.000	214.000	214.000
DMDS	.	.	<1.160	.	0			
OXAT	.	.	12.800	.	1	12.800	12.800	12.800
DITH	.	.	89.100	.	1	89.100	89.100	89.100
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	4.500	.	1	4.500	4.500	4.500
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	0.790	.	1	0.790	0.790	0.790
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1440.000	.	1	1440.000	1440.000	1440.000
CL	.	.	890000.000	.	1	890000.000	890000.000	890000.000
NTT	.	.	11.400	.	1	11.400	11.400	11.400
SO4	.	.	379000.000	.	1	379000.000	379000.000	379000.000
MG	.	.	34100.000	.	1	34100.000	34100.000	34100.000
CA	.	.	274000.000	.	1	274000.000	274000.000	274000.000
K	.	.	3770.000	.	1	3770.000	3770.000	3770.000
NA	.	.	425000.000	.	1	425000.000	425000.000	425000.000
CR	.	.	16.300	.	1	16.300	16.300	16.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	6.450	.	1	6.450	6.450	6.450

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26133

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
A/D	35.0 - 55.0	2.0	40.5	ST	4	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<1.660	.	0			
ALDRN	.	.	<1.660	.	0			
ISODR	.	.	<1.120	.	0			
PPDDE	.	.	<0.920	.	0			
DLDRN	.	.	> 0.380	.	1	0.380	0.380	0.380
ENDRN	.	.	<1.200	.	0			
PPDDT	.	.	<1.180	.	0			
DCPD	.	.	703.000	.	1	703.000	703.000	703.000
MIBK	.	.	172.000	.	1	172.000	172.000	172.000
DBCP	.	.	35.400	.	1	35.400	35.400	35.400
DMMP	.	.	> 305.000	.	1	305.000	305.000	305.000
DIMP	.	.	1170.000	.	1	1170.000	1170.000	1170.000
DMDS	.	.	1.580	.	1	1.580	1.580	1.580
OXAT	.	.	15.400	.	1	15.400	15.400	15.400
DITH	.	.	37.800	.	1	37.800	37.800	37.800
CPMS	.	.	748.000	.	1	748.000	748.000	748.000
CPMSO	.	.	26.800	.	1	26.800	26.800	26.800
CPMSO2	.	.	1280.000	.	1	1280.000	1280.000	1280.000
C6H6	.	.	508.000	.	1	508.000	508.000	508.000
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	7.780	.	1	7.780	7.780	7.780
MEC6H5	.	.	<242.000	.	0			
XYLEN	.	.	<494.000	.	0			
MXYLEN	.	.	> 8.930	.	1	8.930	8.930	8.930
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<1000.000	.	0			
T12DCE	.	.	3.100	.	1	3.100	3.100	3.100
11DCLE	.	.	8.840	.	1	8.840	8.840	8.840
12DCLE	.	.	<122.000	.	0			
CHCL3	.	.	> 38800.000	.	1	38800.000	38800.000	38800.000
CCL4	.	.	<480.000	.	0			
111TCE	.	.	<340.000	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	68.700	.	1	68.700	68.700	68.700
CLC6H5	.	.	28.500	.	1	28.500	28.500	28.500
TCLEE	.	.	926.000	.	1	926.000	926.000	926.000
CLDAN	.	.	<3.040	.	0			
FL	.	.	<30500.000	.	0			
CL	.	.	2440000.000	.	1	2440000.000	2440000.000	2440000.000
NIT	.	.	464.000	.	1	464.000	464.000	464.000
SO4	.	.	7840000.000	.	1	7840000.000	7840000.000	7840000.000
MG	.	.	144000.000	.	1	144000.000	144000.000	144000.000
CA	.	.	308000.000	.	1	308000.000	308000.000	308000.000
K	.	.	20800.000	.	1	20800.000	20800.000	20800.000
NA	.	.	1380000.000	.	1	1380000.000	1380000.000	1380000.000
CR	.	.	37.300	.	1	37.300	37.300	37.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	211.000	.	1	211.000	211.000	211.000
AS	.	.	24.600	.	1	24.600	24.600	24.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26140

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	59.0 - 78.0	2.0	48.0	SH	5	1

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	0.133	.	1	0.133	0.133	0.133
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	0.411	.	1	0.411	0.411	0.411
ENDRN	.	.	> 0.057	.	1	0.057	0.057	0.057
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	16.500	.	1	16.500	16.500	16.500
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1300.000	.	1	1300.000	1300.000	1300.000
CL	.	.	744000.000	.	1	744000.000	744000.000	744000.000
SO4	.	.	315000.000	.	1	315000.000	315000.000	315000.000
MG	.	.	64800.000	.	1	64800.000	64800.000	64800.000
CA	.	.	264000.000	.	1	264000.000	264000.000	264000.000
K	.	.	4100.000	.	1	4100.000	4100.000	4100.000
NA	.	.	265000.000	.	1	265000.000	265000.000	265000.000
CR	.	.	19.100	.	1	19.100	19.100	19.100
CD	.	.	8.700	.	1	8.700	8.700	8.700
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	89.300	.	1	89.300	89.300	89.300
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26142

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	138.0 - 146.0	2.0	48.0	SH	5	3SH

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	1.230	.	1	1.230	1.230	1.230
ENDRN	.	.	0.162	.	1	0.162	0.162	0.162
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1760.000	.	1	1760.000	1760.000	1760.000
CL	.	.	53500.000	.	1	53500.000	53500.000	53500.000
NTT	.	.	51.400	.	1	51.400	51.400	51.400
SO4	.	.	227000.000	.	1	227000.000	227000.000	227000.000
MG	.	.	2190.000	.	1	2190.000	2190.000	2190.000
CA	.	.	24400.000	.	1	24400.000	24400.000	24400.000
K	.	.	1740.000	.	1	1740.000	1740.000	1740.000
NA	.	.	169000.000	.	1	169000.000	169000.000	169000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26147

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	85.0 - 105.0	2.0	29.5	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1200.000	.	0			
CL	.	.	214000.000	.	1	214000.000	214000.000	214000.000
NIT	.	.	<10.000	.	0			
SO4	.	.	803000.000	.	1	803000.000	803000.000	803000.000
MG	.	.	5790.000	.	1	5790.000	5790.000	5790.000
CA	.	.	110000.000	.	1	110000.000	110000.000	110000.000
K	.	.	2500.000	.	1	2500.000	2500.000	2500.000
NA	.	.	388000.000	.	1	388000.000	388000.000	388000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27001

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	30.4 - 46.4	4.0	48.6	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.125	0.101	0.135	0.093	4	0.093	0.135	0.113
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	.	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	5.730	1	5.730	5.730	5.730
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1000.000	<1000.000	0			
CL	83800.000	86100.000	70400.000	77800.000	4	70400.000	86100.000	79525.000
SO4	58100.000	56300.000	52400.000	54500.000	4	52400.000	58100.000	55325.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	600.000	898.000	2	600.000	898.000	749.000
PH	.	.	7.490	7.230	2	7.230	7.490	7.360

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27002

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.0 - 63.5	4.0	69.7	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.750	<0.083	<0.083	<0.083	0			
ALDRN	<0.450	<0.083	<0.083	<0.083	0			
ISODR	<0.360	<0.056	<0.056	<0.056	0			
PPDDE	<0.355	<0.155	<0.046	<0.046	0			
DLDRN	0.287	0.205	0.370	0.403	4	0.205	0.403	0.316
ENDRN	<0.315	<0.060	<0.060	<0.060	0			
PPDDT	<0.330	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	17.800	44.400	24.800	25.200	4	17.800	44.400	28.050
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<1.170	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	1160.000	1230.000	2	1160.000	1230.000	1195.000
CL	299000.000	315000.000	357000.000	328000.000	4	299000.000	357000.000	324750.000
SO4	89800.000	99300.000	112000.000	110000.000	4	89800.000	112000.000	102775.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1250.000	1360.000	2	1250.000	1360.000	1305.000
PH	.	.	7.350	7.140	2	7.140	7.350	7.245

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27003

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	48.8 - 59.7	4.0	60.3	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.129	0.087	0.132	0.113	4	0.087	0.132	0.115
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	3.070	<2.480	<2.480	<2.480	1	3.070	3.070	3.070
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1000.000	<1000.000	0			
CL	81500.000	84800.000	66400.000	79100.000	4	66400.000	84800.000	77950.000
SO4	59400.000	59300.000	61700.000	58800.000	4	58800.000	61700.000	59800.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	550.000	563.000	2	550.000	563.000	556.500
PH	.	.	7.230	6.480	2	6.480	7.230	6.855

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27004

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.0 - 42.0	2.0	42.0	ST	$WQAQ_1$	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	5.350	.	.	.	1	5.350	5.350	5.350
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	88500.000	.	.	.	1	88500.000	88500.000	88500.000
SO4	58300.000	.	.	.	1	58300.000	58300.000	58300.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27005

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.5 - 43.5	2.0	43.5	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BIZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	87600.000	.	103000.000	.	2	87600.000	103000.000	95300.000
NIT	.	.	221.000	.	1	221.000	221.000	221.000
SO4	54700.000	.	51700.000	.	2	51700.000	54700.000	53200.000
MG	.	.	13900.000	.	1	13900.000	13900.000	13900.000
CA	.	.	70500.000	.	1	70500.000	70500.000	70500.000
K	.	.	814.000	.	1	814.000	814.000	814.000
NA	.	.	81000.000	.	1	81000.000	81000.000	81000.000
CR	.	.	20.800	.	1	20.800	20.800	20.800
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	27.500	.	1	27.500	27.500	27.500
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27006

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.0 - 42.0	2.0	42.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODF	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	4.100	.	.	.	1	4.100	4.100	4.100
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	1	87800.000	87800.000	87800.000
CL	87800.000	.	.	.	1	56000.000	56000.000	56000.000
SO4	56000.000	.	.	.	1			
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27007

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	40.5 - 44.5	2.0	44.5	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	3.340	.	.	.	1	3.340	3.340	3.340
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	81900.000	.	.	.	1	81900.000	81900.000	81900.000
SO4	61000.000	.	.	.	1	61000.000	61000.000	61000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27008

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	42.0 - 46.0	2.0	46.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	84200.000	.	.	.	1	84200.000	84200.000	84200.000
SO4	63700.000	.	.	.	1	63700.000	63700.000	63700.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27010

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	53.0 - 57.0	2.0	57.3	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	102000.000	.	.	.	1	102000.000	102000.000	102000.000
SO4	53000.000	.	.	.	1	53000.000	53000.000	53000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27011

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	51.0 - 55.0	2.0	55.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIEK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	4.140	.	.	.	1	4.140	4.140	4.140
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	89600.000	.	.	.	1	89600.000	89600.000	89600.000
SO4	52100.000	.	.	.	1	52100.000	52100.000	52100.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27013

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 20.0	2.0	20.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	34.100	.	.	.	1	34.100	34.100	34.100
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCLA	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27016

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	21.0 - 25.0	2.0	25.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.350	<0.200	<0.070	.	0			
ALDRN	<0.350	<0.083	<0.070	.	0			
ISODF	<0.300	<0.056	<0.060	.	0			
PPDDE	<0.265	<0.046	<0.053	.	0			
DLDRN	0.586	0.447	<0.060	.	2	0.447	0.586	0.516
ENDRN	<0.260	<0.060	<0.052	.	0			
PPDDT	<0.350	<0.059	<0.070	.	0			
DCPD	<9.310	<9.310	<9.310	.	0			
MIBK	<12.900	<12.900	<12.900	.	0			
DBCP	<0.130	<0.130	<0.130	.	0			
DMMP	<15.200	<15.200	<15.200	.	0			
DIMP	13.500	39.300	12.900	.	3	12.900	39.300	21.900
DMDS	<1.800	<1.160	<1.800	.	0			
OXAT	<2.000	<1.350	<2.000	.	0			
DITH	<1.100	<3.340	<1.100	.	0			
CPMS	<1.300	<1.080	<1.300	.	0			
CPMSO	<4.200	<1.980	<4.200	.	0			
CPMSO2	<4.700	<2.240	<4.700	.	0			
C6H6	<1.340	<1.340	<1.340	.	0			
BTZ	.	<1.140	<2.000	.	0			
ETC6H5	<1.280	<1.280	<1.280	.	0			
MEC6H5	<1.210	<1.210	<1.210	.	0			
XYLEN	<2.470	<2.470	<2.470	.	0			
MXYLEN	<1.350	<1.350	<1.350	.	0			
11DCE	<1.100	<1.100	<1.100	.	0			
CH2CL2	<5.000	<5.000	<5.000	.	0			
T12DCE	<1.200	<1.200	<1.200	.	0			
11DCLE	<1.200	<1.200	<1.200	.	0			
12DCLE	<0.610	<0.610	<0.610	.	0			
CHCL3	<1.400	<1.400	<1.400	.	0			
CCL4	<2.400	<2.400	<2.400	.	0			
111TCE	<1.700	<1.700	<1.700	.	0			
112TCE	<1.000	<1.000	<1.000	.	0			
TRCLE	<1.100	<1.100	<1.100	.	0			
CLC6H5	<0.580	<0.580	<0.580	.	0			
TCLEE	<1.300	<1.300	<1.300	.	0			
CLDAN	.	<0.152	.	.	0			
FL	2980.000	3020.000	3070.000	.	3	2980.000	3070.000	3023.333
CL	541000.000	542000.000	608000.000	.	3	541000.000	608000.000	563666.667
NTT	.	525.000	1210.000	.	2	525.000	1210.000	867.500
SO4	392000.000	364000.000	375000.000	.	3	364000.000	392000.000	377000.000
MG	21300.000	16900.000	19000.000	.	3	16900.000	21300.000	19066.667
CA	55900.000	<50000.000	46700.000	.	2	46700.000	55900.000	51300.000
K	3970.000	2410.000	3030.000	.	3	2410.000	3970.000	3136.667
NA	542000.000	551000.000	561000.000	.	3	542000.000	561000.000	551333.333
CR	19.500	<5.960	<5.960	.	1	19.500	19.500	19.500
CD	<5.160	<5.160	<5.160	.	0			
PB	<18.600	<18.600	<18.600	.	0			
CU	<7.930	<7.940	<7.940	.	0			
HG	<0.500	<0.359	<0.480	.	0			
ZN	78.700	<20.100	<20.100	.	1	78.700	78.700	78.700
AS	<3.900	8.610	12.000	.	2	8.610	12.000	10.305
SPCOND	2000.000	2150.000	.	.	2	2000.000	2150.000	2075.000
PH	7.780	8.100	.	.	2	7.780	8.100	7.940

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27017

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 20.0	2.0	20.6	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	0.221	.	.	.	1	0.221	0.221	0.221
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.913	.	.	.	1	0.913	0.913	0.913
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MTBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	4110.000	.	.	.	1	4110.000	4110.000	4110.000
CL	410000.000	.	.	.	1	410000.000	410000.000	410000.000
SO4	314000.000	.	.	.	1	314000.000	314000.000	314000.000
AS	11.800	.	.	.	1	11.800	11.800	11.800

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27019

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.0 - 20.0	2.0	20.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450	.	.	.	0			
ALDRN	<0.270	.	.	.	0			
ISODR	<0.216	.	.	.	0			
PPDDE	<0.213	.	.	.	0			
DLDRN	0.244	.	.	.	1	0.244	0.244	0.244
ENDRN	<0.189	.	.	.	0			
PPDDT	<0.210	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	17.000	.	.	.	1	17.000	17.000	17.000
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.702	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27024

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	36.0 - 40.0	2.0	40.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.415	<0.083	<0.083	0			
ALDRN	<0.440	<0.415	<0.083	<0.083	0			
ISODR	<0.360	<0.280	<0.056	<0.056	0			
PPDDE	<0.355	<0.230	<0.046	<0.046	0			
DLDRN	0.313	<0.275	0.291	0.192	3	0.192	0.313	0.265
ENDRN	<0.315	<0.300	0.329	<0.060	1	0.329	0.329	0.329
PPDDT	<0.330	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.435	0.440	0.371	.	3	0.371	0.440	0.415
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	16.600	12.900	14.700	3	12.900	16.600	14.733
DMDS	<1.700	.	.	.	0			
OXAT	2.640	.	.	.	1	2.640	2.640	2.640
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	10.400	.	.	.	1	10.400	10.400	10.400
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	.	<1.920	0			
ETC6H5	<0.620	<0.620	.	<0.620	0			
MEC6H5	<2.100	<2.100	.	<2.100	0			
XYLEN	<1.340	<1.340	.	<1.340	0			
MXYLEN	<1.040	<1.040	.	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	3.950	7.630	3.150	2.730	4	2.730	7.630	4.365
CHCL3	3.300	5.300	4.180	<1.880	3	3.300	5.300	4.260
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	7.330	10.700	5.010	4.210	4	4.210	10.700	6.813
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<1.170	<0.760	<0.152	<0.152	0			
FL	<1000.000	<9090.000	2750.000	2840.000	2	2750.000	2840.000	2795.000
CL	406000.000	402000.000	789000.000	777000.000	4	402000.000	789000.000	593500.000
SO4	633000.000	617000.000	618000.000	623000.000	4	617000.000	633000.000	622750.000
AS	19.600	17.600	17.300	16.600	4	16.600	19.600	17.775
SPCOND	.	.	.	1510.000	1	1510.000	1510.000	1510.000
PH	.	.	.	7.600	1	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27025

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	36.0 - 40.0	2.0	40.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	0.237	.	.	.	1	0.237	0.237	0.237
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.372	.	.	.	1	0.372	0.372	0.372
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	17.100	.	.	.	1	17.100	17.100	17.100
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	18.700	.	.	.	1	18.700	18.700	18.700
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	11.300	.	.	.	1	11.300	11.300	11.300
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	1.550	.	.	.	1	1.550	1.550	1.550
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	579000.000	.	.	.	1	579000.000	579000.000	579000.000
SO4	342000.000	.	.	.	1	342000.000	342000.000	342000.000
AS	7.070	.	.	.	1	7.070	7.070	7.070

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27026

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.0 - 32.0	2.0	32.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	<0.200	<0.083	<0.083	0			
ALDRN	.	<0.083	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	<0.056	0			
PPDDE	.	0.072	<0.046	<0.046	1	0.072	0.072	0.072
DLDRN	.	0.093	0.099	0.138	3	0.093	0.138	0.110
ENDRN	.	<0.060	0.154	<0.060	1	0.154	0.154	0.154
PPDDT	.	<0.059	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	<9.310	0			
MIBK	.	<12.900	<12.900	<12.900	0			
DBCP	.	0.146	0.146	0.147	3	0.146	0.147	0.146
DMMP	.	<15.200	<15.200	<16.300	0			
DIMP	.	<10.500	<10.500	11.200	1	11.200	11.200	11.200
C6H6	.	<1.920	<1.920	<1.920	0			
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	.	<2.480	0			
T12DCE	.	<1.750	<1.750	<1.750	0			
11DCLE	.	<1.930	<1.930	<1.930	0			
12DCLE	.	<2.070	<2.070	<2.070	0			
CHCL3	.	47.100	22.800	19.300	3	19.300	47.100	29.733
CCL4	.	<1.690	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	.	<1.310	<1.310	<1.310	0			
CLC6H5	.	<1.360	<1.360	<1.360	0			
TCLEE	.	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	.	2250.000	2510.000	2690.000	3	2250.000	2690.000	2483.333
CL	.	773000.000	777000.000	821000.000	3	773000.000	821000.000	790333.333
SO4	.	298000.000	293000.000	281000.000	3	281000.000	298000.000	290666.667
AS	.	<2.500	4.940	4.160	2	4.160	4.940	4.550
SPCOND	.	.	.	1550.000	1	1550.000	1550.000	1550.000
PH	.	.	.	7.900	1	7.900	7.900	7.900

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27027

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	31.0 - 35.0	2.0	35.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	0.238	.	.	.	1	0.238	0.238	0.238
DMMP	<15.200	.	.	.	0			
DIMP	61.100	.	.	.	1	61.100	61.100	61.100
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	12.700	.	.	.	1	12.700	12.700	12.700
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	16.200	.	.	.	1	16.200	16.200	16.200
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	358000.000	.	.	.	1	358000.000	358000.000	358000.000
SO4	283000.000	.	.	.	1	283000.000	283000.000	283000.000

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27028

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	27.6 - 31.6	2.0	36.5	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	1.190	0.696	0.804	1.120	4	0.696	1.190	0.953
ENDRN	0.251	0.217	0.184	0.172	4	0.172	0.251	0.206
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	17.900	32.500	20.300	18.400	4	17.900	32.500	22.275
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	1790.000	2120.000	2310.000	2270.000	4	1790.000	2310.000	2122.500
CL	222000.000	275000.000	237000.000	251000.000	4	222000.000	275000.000	246250.000
SO4	156000.000	156000.000	172000.000	183000.000	4	156000.000	183000.000	166750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1220.000	1370.000	2	1220.000	1370.000	1295.000
PH	.	.	7.600	8.000	2	7.600	8.000	7.800

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27030

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.0 - 42.0	2.0	42.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.375	.	<0.083	<0.083	0			
ALDRN	<0.225	.	<0.083	<0.083	0			
ISODR	<0.180	.	<0.056	<0.056	0			
PPDDE	<0.178	.	<0.046	<0.046	0			
DLDRN	2.000	.	> 1.740	3.540	3	1.740	3.540	2.427
ENDRN	<0.158	.	<0.060	<0.060	0			
PPDDT	<0.175	.	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	16.600	<10.500	<10.100	1	16.600	16.600	16.600
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	10.000	<1.920	<1.920	<1.920	1	10.000	10.000	10.000
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	19.800	36.300	15.900	9.050	4	9.050	36.300	20.262
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.585	.	<0.152	<0.152	0			
FL	1760.000	1640.000	1860.000	1820.000	4	1640.000	1860.000	1770.000
CL	166000.000	168000.000	187000.000	164000.000	4	164000.000	187000.000	171250.000
SO4	183000.000	163000.000	154000.000	144000.000	4	144000.000	183000.000	161000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1010.000	1070.000	2	1010.000	1070.000	1040.000
PH	.	.	7.700	8.000	2	7.700	8.000	7.850

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27031

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.0 - 43.0	2.0	43.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.870	0.537	0.139	0.453	4	0.139	0.870	0.500
ENDRN	0.303	<0.060	<0.060	<0.060	1	0.303	0.303	0.303
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	.	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	4.140	.	.	.	1	4.140	4.140	4.140
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	20.900	27.100	25.500	18.800	4	18.800	27.100	23.075
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	1.430	<1.310	<1.310	1	1.430	1.430	1.430
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	1450.000	1790.000	1510.000	1510.000	4	1450.000	1790.000	1565.000
CL	172000.000	176000.000	178000.000	183000.000	4	172000.000	183000.000	177250.000
SO4	165000.000	162000.000	149000.000	142000.000	4	142000.000	165000.000	154500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1000.000	868.000	2	868.000	1000.000	934.000
PH	.	.	7.800	7.800	2	7.800	7.800	7.800

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27037

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	48.1 - 51.5	2.0	52.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.201	.	.	.	1	0.201	0.201	0.201
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	20.600	.	.	.	1	20.600	20.600	20.600
CCLA	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1230.000	.	.	.	1	1230.000	1230.000	1230.000
CL	436000.000	.	.	.	1	436000.000	436000.000	436000.000
SO4	139000.000	.	.	.	1	139000.000	139000.000	139000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27040

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	31.9 - 35.3	2.0	33.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	0.516	.	1	0.516	0.516	0.516
ISODR	<0.072	.	0.291	.	1	0.291	0.291	0.291
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	0.436	.	0.403	.	2	0.403	0.436	0.419
DMMP	<15.200	.	<15.200	.	0			
DIMP	31.900	.	36.500	.	2	31.900	36.500	34.200
DMDS	<1.700	.	<1.160	.	0			
OXAT	3.220	.	2.840	.	2	2.840	3.220	3.030
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	4.730	.	6.440	.	2	4.730	6.440	5.585
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	3.090	.	3.840	.	2	3.090	3.840	3.465
CHCL3	2.970	.	2.940	.	2	2.940	2.970	2.955
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	6.290	.	7.500	.	2	6.290	7.500	6.895
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	1990.000	.	1	1990.000	1990.000	1990.000
CL	712000.000	.	1030000.000	.	2	712000.000	1030000.000	871000.000
NTT	.	.	2430.000	.	1	2430.000	2430.000	2430.000
SO4	624000.000	.	659000.000	.	2	624000.000	659000.000	641500.000
MG	.	.	71900.000	.	1	71900.000	71900.000	71900.000
CA	.	.	200000.000	.	1	200000.000	200000.000	200000.000
K	.	.	7090.000	.	1	7090.000	7090.000	7090.000
NA	.	.	509000.000	.	1	509000.000	509000.000	509000.000
CR	.	.	19.600	.	1	19.600	19.600	19.600
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	20.800	.	19.700	.	2	19.700	20.800	20.250

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27041

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	36.2 - 39.6	2.0	37.0	ST	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODP	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.548	.	.	.	1	0.548	0.548	0.548
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	2.210	.	.	.	1	2.210	2.210	2.210
CH2CL2	32.500	.	.	.	1	32.500	32.500	32.500
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	25.700	.	.	.	1	25.700	25.700	25.700
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1620.000	.	.	.	1	1620.000	1620.000	1620.000
CL	220000.000	.	.	.	1	220000.000	220000.000	220000.000
SO4	165000.000	.	.	.	1	165000.000	165000.000	165000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27042

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	66.3 - 69.7	2.0	71.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.248	.	.	.	1	0.248	0.248	0.248
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	43.200	.	.	.	1	43.200	43.200	43.200
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	1.570	.	.	.	1	1.570	1.570	1.570
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1360.000	.	.	.	1	1360.000	1360.000	1360.000
CL	354000.000	.	.	.	1	354000.000	354000.000	354000.000
SO4	158000.000	.	.	.	1	158000.000	158000.000	158000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27043

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	50.9 - 54.3	2.0	54.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	.	.	0			
ALDRN	<0.180	.	.	.	0			
ISODR	<0.144	.	.	.	0			
PPDDE	<0.142	.	.	.	0			
DLDRN	<0.108	.	.	.	0			
ENDRN	<0.126	.	.	.	0			
PPDDT	<0.132	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	2.010	.	.	.	1	2.010	2.010	2.010
CH2CL2	13.600	.	.	.	1	13.600	13.600	13.600
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.468	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	70200.000	.	.	.	1	70200.000	70200.000	70200.000
SO4	81000.000	.	.	.	1	81000.000	81000.000	81000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27044

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.3 - 48.7	2.0	47.9	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	.	.	0			
ALDRN	<0.180	.	.	.	0			
ISODF	<0.144	.	.	.	0			
PPDDE	<0.142	.	.	.	0			
DLDRN	0.287	.	.	.	1	0.287	0.287	0.287
ENDRN	<0.126	.	.	.	0			
PPDDT	<0.132	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.468	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	75400.000	.	.	.	1	75400.000	75400.000	75400.000
SO4	70400.000	.	.	.	1	70400.000	70400.000	70400.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27045

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	62.6 - 66.0	2.0	67.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.161	.	.	.	1	0.161	0.161	0.161
ENDRN	0.097	.	.	.	1	0.097	0.097	0.097
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	0.263	.	.	.	1	0.263	0.263	0.263
DMMP	<15.200	.	.	.	0			
DIMP	24.500	.	.	.	1	24.500	24.500	24.500
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	3.670	.	.	.	1	3.670	3.670	3.670
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	2.490	.	.	.	1	2.490	2.490	2.490
CHCL3	32.600	.	.	.	1	32.600	32.600	32.600
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	4.770	.	.	.	1	4.770	4.770	4.770
CLC6H5	<1.360	.	.	.	0			
TCLEE	8.390	.	.	.	1	8.390	8.390	8.390
CLDAN	<0.234	.	.	.	0			
FL	<10000.000	.	.	.	0			
CL	750000.000	.	.	.	1	750000.000	750000.000	750000.000
SO4	406000.000	.	.	.	1	406000.000	406000.000	406000.000
AS	7.900	.	.	.	1	7.900	7.900	7.900

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27049

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	61.5 - 65.0	2.0	37.2	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	0.110	.	0.136	.	2	0.110	0.136	0.123
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	20.300	.	19.400	.	2	19.400	20.300	19.850
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	3.520	.	1	3.520	3.520	3.520
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	1650.000	.	1470.000	.	2	1470.000	1650.000	1560.000
CL	299000.000	.	403000.000	.	2	299000.000	403000.000	351000.000
NTT	.	.	3280.000	.	1	3280.000	3280.000	3280.000
SO4	261000.000	.	237000.000	.	2	237000.000	261000.000	249000.000
MG	.	.	34300.000	.	1	34300.000	34300.000	34300.000
CA	.	.	113000.000	.	1	113000.000	113000.000	113000.000
K	.	.	3620.000	.	1	3620.000	3620.000	3620.000
NA	.	.	234000.000	.	1	234000.000	234000.000	234000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27051

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	33.8 - 53.0	2.0	54.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	7.650	.	1	7.650	7.650	7.650
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1500.000	.	1	1500.000	1500.000	1500.000
CL	.	.	224000.000	.	1	224000.000	224000.000	224000.000
NTT	.	.	3450.000	.	1	3450.000	3450.000	3450.000
SO4	.	.	210000.000	.	1	210000.000	210000.000	210000.000
MG	.	.	31500.000	.	1	31500.000	31500.000	31500.000
CA	.	.	83000.000	.	1	83000.000	83000.000	83000.000
K	.	.	2270.000	.	1	2270.000	2270.000	2270.000
NA	.	.	248000.000	.	1	248000.000	248000.000	248000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27053

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	51.7 - 66.7	2.0	66.7	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISUDR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	85300.000	.	98900.000	.	2	85300.000	98900.000	92100.000
NTT	.	.	353.000	.	1	353.000	353.000	353.000
SO4	46700.000	.	45800.000	.	2	45800.000	46700.000	46250.000
MG	.	.	13900.000	.	1	13900.000	13900.000	13900.000
CA	.	.	74200.000	.	1	74200.000	74200.000	74200.000
K	.	.	5370.000	.	1	5370.000	5370.000	5370.000
NA	.	.	86900.000	.	1	86900.000	86900.000	86900.000
CR	.	.	10.600	.	1	10.600	10.600	10.600
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27054

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	90.0 - 105.0	2.0	66.7	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	4.250	.	<1.340	.	1	4.250	4.250	4.250
ETC6H5	0.930	.	<1.280	.	1	0.930	0.930	0.930
MEC6H5	3.030	.	2.170	.	2	2.170	3.030	2.600
XYLEN	1.520	.	<2.470	.	1	1.520	1.520	1.520
MXYLEN	1.490	.	<1.350	.	1	1.490	1.490	1.490
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<12.000	.	0			
11DCLE	<1.930	.	<12.000	.	0			
12DCLE	<2.070	.	<6.100	.	0			
CHCL3	<1.880	.	<14.000	.	0			
CCL4	<1.690	.	<24.000	.	0			
111TCE	<1.090	.	<17.000	.	0			
112TCE	<1.630	.	<5.000	.	0			
TRCLE	2.760	.	1.240	.	2	1.240	2.760	2.000
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	9280.000	.	.	.	1	9280.000	9280.000	9280.000
SO4	19100.000	.	.	.	1	19100.000	19100.000	19100.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27055

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	120.0 - 135.0	2.0	66.7	SH	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<1.280	.	<1.280	.	0			
MEC6H5	<1.210	.	<1.210	.	0			
XYLEN	<2.470	.	<2.470	.	0			
MXYLEN	<1.350	.	<1.350	.	0			
11DCE	<1.100	.	<1.100	.	0			
CH2CL2	<5.000	.	<5.000	.	0			
T12DCE	<1.200	.	<1.200	.	0			
11DCLE	<1.200	.	<1.200	.	0			
12DCLE	<0.610	.	<0.610	.	0			
CHCL3	<1.400	.	<1.400	.	0			
CCL4	<2.400	.	<2.400	.	0			
111TCE	<1.700	.	<1.700	.	0			
112TCE	<1.000	.	<1.000	.	0			
TRCLE	<1.100	.	<1.100	.	0			
CLC6H5	<0.580	.	<0.580	.	0			
TCLEE	<1.300	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	2100.000	.	2580.000	.	2	2100.000	2580.000	2340.000
CL	2570.000	.	<4800.000	.	1	2570.000	2570.000	2570.000
NTT	.	.	927.000	.	1	927.000	927.000	927.000
SO4	5170.000	.	<10000.000	.	1	5170.000	5170.000	5170.000
MG	.	.	<500.000	.	0			
CA	.	.	4760.000	.	1	4760.000	4760.000	4760.000
K	.	.	7410.000	.	1	7410.000	7410.000	7410.000
NA	.	.	63400.000	.	1	63400.000	63400.000	63400.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	26.200	.	1	26.200	26.200	26.200
CU	.	.	39.400	.	1	39.400	39.400	39.400
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	3.490	.	<2.500	.	1	3.490	3.490	3.490

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27056

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	35.0 - 40.0	2.0	44.2	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	.	.	.	0			
ALDRN	<0.264	.	.	.	0			
ISODR	<0.216	.	.	.	0			
PPDDE	<0.213	.	.	.	0			
DLDRN	<0.162	.	.	.	0			
ENDRN	0.176	.	.	.	1	0.176	0.176	0.176
PPDDT	<0.198	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	18.800	.	.	.	1	18.800	18.800	18.800
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.340	.	.	.	0			
ETC6H5	<1.280	.	.	.	0			
MEC6H5	<1.210	.	.	.	0			
XYLEN	<2.470	.	.	.	0			
MXYLEN	<1.350	.	.	.	0			
11DCE	<1.100	.	.	.	0			
CH2CL2	<5.000	.	.	.	0			
T12DCE	<1.200	.	.	.	0			
11DCLE	<1.200	.	.	.	0			
12DCLE	<0.610	.	.	.	0			
CHCL3	17.700	.	.	.	1	17.700	17.700	17.700
CCL4	<2.400	.	.	.	0			
111TCE	<1.700	.	.	.	0			
112TCE	<1.000	.	.	.	0			
TRCLE	<1.100	.	.	.	0			
CLC6H5	<0.580	.	.	.	0			
TCLEE	<1.300	.	.	.	0			
CLDAN	<0.702	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	382000.000	.	.	.	1	382000.000	382000.000	382000.000
SO4	302000.000	.	.	.	1	302000.000	302000.000	302000.000
AS	5.630	.	.	.	1	5.630	5.630	5.630

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27057

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	57.0 - 62.0	2.0	44.2	SS	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.169	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	0.103	.	1	0.103	0.103	0.103
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCLA	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	40000.000	.	48500.000	.	2	40000.000	48500.000	44250.000
NTT	.	.	16200.000	.	1	16200.000	16200.000	16200.000
SO4	268000.000	.	265000.000	.	2	265000.000	268000.000	266500.000
MG	.	.	4630.000	.	1	4630.000	4630.000	4630.000
CA	.	.	46900.000	.	1	46900.000	46900.000	46900.000
K	.	.	2650.000	.	1	2650.000	2650.000	2650.000
NA	.	.	207000.000	.	1	207000.000	207000.000	207000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	3.880	.	<2.500	.	1	3.880	3.880	3.880

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27059

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	18.5 - 23.5	2.0	23.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MTHK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	2.360	.	.	.	1	2.360	2.360	2.360
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27062

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.6 - 43.6	2.0	44.6		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	0.457	.	0.216	.	2	0.216	0.457	0.337
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	0.393	.	0.258	.	2	0.258	0.393	0.326
DMMP	<15.200	.	<15.200	.	0			
DIMP	26.400	.	30.400	.	2	26.400	30.400	28.400
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	3.930	.	4.850	.	2	3.930	4.850	4.390
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	0.725	.	1	0.725	0.725	0.725
CHCL3	.	.	16.500	.	1	16.500	16.500	16.500
CCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	2.160	.	1	2.160	2.160	2.160
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	2350.000	.	1970.000	.	2	1970.000	2350.000	2160.000
CL	791000.000	.	934000.000	.	2	791000.000	934000.000	862500.000
NTT	.	.	4800.000	.	1	4800.000	4800.000	4800.000
SO4	415000.000	.	434000.000	.	2	415000.000	434000.000	424500.000
MG	.	.	56200.000	.	1	56200.000	56200.000	56200.000
CA	.	.	198000.000	.	1	198000.000	198000.000	198000.000
K	.	.	2340.000	.	1	2340.000	2340.000	2340.000
NA	.	.	412000.000	.	1	412000.000	412000.000	412000.000
CR	.	.	23.700	.	1	23.700	23.700	23.700
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	119.000	.	1	119.000	119.000	119.000
AS	11.600	.	9.510	.	2	9.510	11.600	10.555

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27063

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	40.0 - 60.0	2.0	60.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.166	<0.083	0			
ALDRN	<0.176	<0.083	<0.166	<0.083	0			
ISODR	<0.144	<0.056	<0.112	<0.056	0			
PPDDE	<0.142	<0.046	<0.092	<0.046	0			
DLDRN	0.527	0.214	0.277	0.175	4	0.175	0.527	0.298
ENDRN	<0.126	<0.060	<0.120	<0.060	0			
PPDDT	<0.132	<0.059	<0.118	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.228	0.259	0.215	0.198	4	0.198	0.259	0.225
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	25.500	20.500	13.900	22.200	4	13.900	25.500	20.525
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	4.230	.	.	.	1	4.230	4.230	4.230
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	22.600	44.200	22.800	24.000	4	22.600	44.200	28.400
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	1.510	3.430	<1.310	<1.310	2	1.510	3.430	2.470
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.304	<0.152	0			
FL	<10000.000	<9090.000	2640.000	2730.000	2	2640.000	2730.000	2685.000
CL	936000.000	619000.000	698000.000	619000.000	4	619000.000	936000.000	718000.000
SO4	355000.000	353000.000	333000.000	315000.000	4	315000.000	355000.000	339000.000
AS	6.320	3.380	5.440	5.270	4	3.380	6.320	5.103
SPCOND	.	.	2210.000	2270.000	2	2210.000	2270.000	2240.000
PH	.	.	7.350	7.640	2	7.350	7.640	7.495

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27064

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	44.6 - 64.6	2.0	62.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.046	<0.046	<0.046	0			
DLDRN	0.737	0.398	1.350	0.841	4	0.398	1.350	0.832
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PPDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	1.590	.	1	1.590	1.590	1.590
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	1.860	<1.040	<1.040	<1.040	1	1.860	1.860	1.860
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	31.200	55.800	26.100	24.900	4	24.900	55.800	34.500
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	1.620	<1.310	<1.310	1	1.620	1.620	1.620
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	1330.000	1580.000	1720.000	1870.000	4	1330.000	1870.000	1625.000
CL	259000.000	286000.000	256000.000	225000.000	4	225000.000	286000.000	256500.000
SO4	175000.000	187000.000	194000.000	191000.000	4	175000.000	194000.000	186750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1400.000	1560.000	2	1400.000	1560.000	1480.000
PH	.	.	7.430	8.300	2	7.430	8.300	7.865

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27066

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	44.0 - 64.0	2.0	62.4	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	.	.	0			
ALDRN	<0.176	.	.	.	0			
ISODR	<0.144	.	.	.	0			
PPDDE	<0.142	.	.	.	0			
DLDRN	0.308	.	.	.	1	0.308	0.308	0.308
ENDRN	<0.126	.	.	.	0			
PPDDT	<0.132	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	51.600	.	.	.	1	51.600	51.600	51.600
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.468	.	.	.	0			
FL	1280.000	.	.	.	1	1280.000	1280.000	1280.000
CL	350000.000	.	.	.	1	350000.000	350000.000	350000.000
SO4	150000.000	.	.	.	1	150000.000	150000.000	150000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27068

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.0 - 65.0	2.0	65.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.523	<0.083	0			
ALDRN	<0.088	<0.083	<0.523	<0.083	0			
ISODR	<0.072	<0.056	<0.353	<0.056	0			
PPDDE	<0.071	<0.046	<0.290	<0.046	0			
DLDRN	0.278	0.355	<0.347	0.196	3	0.196	0.355	0.276
ENDRN	<0.063	<0.060	<0.378	<0.060	0			
PPDDT	<0.066	<0.059	<0.372	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	46.300	111.000	46.000	58.300	4	46.000	111.000	65.400
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.958	<0.152	0			
FL	1430.000	1280.000	1440.000	1590.000	4	1280.000	1590.000	1435.000
CL	265000.000	328000.000	359000.000	348000.000	4	265000.000	359000.000	325000.000
SO4	139000.000	141000.000	154000.000	133000.000	4	133000.000	154000.000	141750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1400.000	1490.000	2	1400.000	1490.000	1445.000
PH	.	.	7.360	7.610	2	7.360	7.610	7.485

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27070

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.0 - 65.0	2.0	65.1	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.173	.	.	.	1	0.173	0.173	0.173
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	2.010	.	.	.	1	2.010	2.010	2.010
CH2CL2	30.800	.	.	.	1	30.800	30.800	30.800
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	53.900	.	.	.	1	53.900	53.900	53.900
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1080.000	.	.	.	1	1080.000	1080.000	1080.000
CL	292000.000	.	.	.	1	292000.000	292000.000	292000.000
SO4	134000.000	.	.	.	1	134000.000	134000.000	134000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27071

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.0 - 65.0	2.0	65.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.188	0.207	0.158	0.218	4	0.158	0.218	0.193
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	21.900	<10.500	<10.100	1	21.900	21.900	21.900
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	3.170	<2.480	<2.480	<2.480	1	3.170	3.170	3.170
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	11.300	33.200	28.000	40.300	4	11.300	40.300	28.200
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	1080.000	1170.000	2	1080.000	1170.000	1125.000
CL	166000.000	195000.000	211000.000	230000.000	4	166000.000	230000.000	200500.000
SO4	80800.000	88500.000	107000.000	112000.000	4	80800.000	112000.000	97075.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	990.000	1140.000	2	990.000	1140.000	1065.000
PH	.	.	7.350	7.510	2	7.350	7.510	7.430

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27072

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	45.0 - 65.0	2.0	63.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	13.300	30.900	7.720	7.390	4	7.390	30.900	14.828
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1000.000	<1000.000	0			
CL	213000.000	190000.000	166000.000	161000.000	4	161000.000	213000.000	182500.000
SO4	74600.000	72300.000	71500.000	71700.000	4	71500.000	74600.000	72525.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	900.000	875.000	2	875.000	900.000	887.500
PH	.	.	7.820	7.190	2	7.190	7.820	7.505

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27073

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	43.8 - 53.8	2.0	54.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.079	<0.054	0.117	0.092	3	0.079	0.117	0.096
ENDRN	<0.063	<0.060	0.323	<0.060	1	0.323	0.323	0.323
PPDDT	<0.066	<0.059	0.069	<0.059	1	0.069	0.069	0.069
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	2.210	<1.850	<1.850	<1.850	1	2.210	2.210	2.210
CH2CL2	24.700	<2.480	<2.480	<2.480	1	24.700	24.700	24.700
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	37.000	77.300	53.300	53.000	4	37.000	77.300	55.150
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1250.000	<1000.000	1340.000	1370.000	3	1250.000	1370.000	1320.000
CL	383000.000	149000.000	364000.000	330000.000	4	149000.000	383000.000	306500.000
SO4	134000.000	134000.000	150000.000	146000.000	4	134000.000	150000.000	141000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	1410.000	1220.000	2	1220.000	1410.000	1315.000
PH	.	.	7.700	7.850	2	7.700	7.850	7.775

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27074

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.3 - 48.3	2.0	48.5		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.446	0.284	0.180	0.316	4	0.180	0.446	0.306
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	<1.920	<1.340	<1.920	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	<0.620	<1.280	<0.620	0			
MEC6H5	<2.100	<2.100	<1.210	<2.100	0			
XYLEN	<1.340	<1.340	<2.470	<1.340	0			
MXYLEN	<1.040	<1.040	<1.350	<1.040	0			
11DCE	.	<1.850	<1.100	<1.850	0			
CH2CL2	.	.	<5.000	<2.480	0			
T12DCE	<1.750	<1.750	<1.200	<1.750	0			
11DCLE	<1.930	<1.930	<1.200	<1.930	0			
12DCLE	<2.070	<2.070	<0.610	<2.070	0			
CHCL3	49.400	82.700	27.000	30.600	4	27.000	82.700	47.425
CCL4	<1.690	<1.690	<2.400	<1.690	0			
111TCE	<1.090	<1.090	<1.700	<1.090	0			
112TCE	<1.630	<1.630	<1.000	<1.630	0			
TRCLE	1.390	2.330	<1.100	<1.310	2	1.390	2.330	1.860
CLC6H5	<1.360	<1.360	<0.580	<1.360	0			
TCLEE	<2.760	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1180.000	1420.000	1250.000	1690.000	4	1180.000	1690.000	1385.000
CL	292000.000	288000.000	339000.000	283000.000	4	283000.000	339000.000	300500.000
NIT	.	.	20700.000	.	1	20700.000	20700.000	20700.000
SO4	157000.000	173000.000	159000.000	154000.000	4	154000.000	173000.000	160750.000
MG	.	.	30100.000	.	1	30100.000	30100.000	30100.000
CA	.	.	108000.000	.	1	108000.000	108000.000	108000.000
K	.	.	5220.000	.	1	5220.000	5220.000	5220.000
NA	.	.	199000.000	.	1	199000.000	199000.000	199000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	.	1270.000	1	1270.000	1270.000	1270.000
PH	.	.	.	7.660	1	7.660	7.660	7.660

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27075

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.5 - 59.5	2.0	60.6	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.264	<0.083	<0.083	<0.083	0			
ISODR	<0.216	<0.056	<0.056	<0.056	0			
PPDDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	0.161	0.465	0.383	0.125	4	0.125	0.465	0.283
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	0.191	1	0.191	0.191	0.191
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	45.700	1	45.700	45.700	45.700
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	5.920	.	.	.	1	5.920	5.920	5.920
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	4.880	<2.480	<2.480	<2.480	1	4.880	4.880	4.880
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	26.400	55.800	26.100	<1.880	3	26.100	55.800	36.100
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1480.000	1620.000	1810.000	3350.000	4	1480.000	3350.000	2065.000
CL	292000.000	265000.000	234000.000	782000.000	4	234000.000	782000.000	393250.000
SO4	196000.000	202000.000	199000.000	442000.000	4	196000.000	442000.000	259750.000
AS	<2.500	<2.500	<2.500	11.200	1	11.200	11.200	11.200
SPCOND	.	.	1210.000	2650.000	2	1210.000	2650.000	1930.000
PH	.	.	7.770	8.100	2	7.770	8.100	7.935

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27076

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	50.0 - 60.0	2.0	61.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.451	<0.054	0.115	0.110	3	0.110	0.451	0.225
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.214	0.295	0.182	0.201	4	0.182	0.295	0.223
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	22.400	18.400	14.500	14.600	4	14.500	22.400	17.475
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	21.100	<1.880	23.300	23.800	3	21.100	23.800	22.733
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<10000.000	2510.000	2740.000	2	2510.000	2740.000	2625.000
CL	734000.000	687000.000	693000.000	658000.000	4	658000.000	734000.000	693000.000
SO4	35200.000	334000.000	312000.000	305000.000	4	35200.000	334000.000	246550.000
AS	6.030	5.770	6.710	5.020	4	5.020	6.710	5.883
SPCOND	.	.	2550.000	2440.000	2	2440.000	2550.000	2495.000
PH	.	.	7.630	7.360	2	7.360	7.630	7.495

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27077

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	34.9 - 54.9	2.0	57.2	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.166	<0.083	<0.083	0			
ALDRN	<0.176	<0.166	<0.083	<0.083	0			
ISODR	<0.144	<0.112	<0.056	0.083	1	0.083	0.083	0.083
PPDDE	<0.142	<0.092	<0.046	<0.046	0			
DLDRN	0.216	<0.110	<0.054	0.068	2	0.068	0.216	0.142
ENDRN	<0.126	<0.120	0.212	<0.060	1	0.212	0.212	0.212
PPDDT	<0.132	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.299	0.318	0.253	0.235	4	0.235	0.318	0.276
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	33.000	26.000	17.800	27.700	4	17.800	33.000	26.125
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	6.870	.	.	.	1	6.870	6.870	6.870
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	<1.920	<1.920	0			
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.040	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	<1.750	.	<1.750	<1.750	0			
11DCLE	<1.930	.	<1.930	<1.930	0			
12DCLE	<2.070	.	<2.070	<2.070	0			
CHCL3	14.000	.	18.900	12.100	3	12.100	18.900	15.000
CCL4	<1.690	.	<1.690	<1.690	0			
111TCE	<1.090	.	<1.090	<1.090	0			
112TCE	<1.630	.	<1.630	<1.630	0			
TRCLE	2.510	.	2.070	1.830	3	1.830	2.510	2.137
CLC6H5	<1.360	.	<1.360	<1.360	0			
TCLEE	<2.760	.	<2.760	<2.760	0			
CLDAN	<0.468	<0.304	<0.152	<0.152	0			
FL	<1000.000	<9090.000	2930.000	3020.000	2	2930.000	3020.000	2975.000
CL	662000.000	588000.000	690000.000	679000.000	4	588000.000	690000.000	654750.000
SO4	368000.000	432000.000	404000.000	403000.000	4	368000.000	432000.000	401750.000
AS	8.290	8.170	9.120	8.530	4	8.170	9.120	8.527
SPCOND	.	.	2550.000	3250.000	2	2550.000	3250.000	2900.000
PH	.	.	7.400	7.470	2	7.400	7.470	7.435

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27078

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	40.2 - 50.2	2.0	50.6	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.249	<0.083	<0.083	0			
ALDRN	<0.264	<0.249	<0.083	<0.083	0			
ISODR	<0.216	<0.168	<0.056	<0.056	0			
PPDDE	<0.213	<0.138	<0.046	<0.046	0			
DLDRN	0.262	<0.165	<0.054	0.065	2	0.065	0.262	0.164
ENDRN	<0.189	<0.180	<0.060	<0.060	0			
PPDDT	<0.198	<0.177	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	0.145	0.214	0.169	3	0.145	0.214	0.176
DMMP	<15.200	<15.200	.	<16.300	0			
DIMP	16.600	24.100	.	44.400	3	16.600	44.400	28.367
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	5.430	.	.	.	1	5.430	5.430	5.430
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	2.140	<1.880	<1.880	1	2.140	2.140	2.140
CCL4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	1.430	<1.310	1	1.430	1.430	1.430
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.456	<0.152	<0.152	0			
FL	<10000.000	<10000.000	3250.000	3370.000	2	3250.000	3370.000	3310.000
CL	484000.000	723000.000	813000.000	732000.000	4	484000.000	813000.000	688000.000
SO4	336000.000	341000.000	487000.000	441000.000	4	336000.000	487000.000	401250.000
AS	9.730	9.970	14.500	12.100	4	9.730	14.500	11.575
SPCOND	.	.	3000.000	3480.000	2	3000.000	3480.000	3240.000
PH	.	.	7.490	7.390	2	7.390	7.490	7.440

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27082

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	29.7 - 39.7	2.0	40.4	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	0.310	.	.	.	1	0.310	0.310	0.310
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	0.240	.	.	.	1	0.240	0.240	0.240
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIEK	<12.900	.	.	.	0			
DBCP	0.367	.	.	.	1	0.367	0.367	0.367
DMMP	<15.200	.	.	.	0			
DIMP	74.900	.	.	.	1	74.900	74.900	74.900
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	3.520	.	.	.	1	3.520	3.520	3.520
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	2.350	.	.	.	1	2.350	2.350	2.350
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	4.530	.	.	.	1	4.530	4.530	4.530
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	<10000.000	.	.	.	0			
CL	769000.000	.	.	.	1	769000.000	769000.000	769000.000
SO4	638000.000	.	.	.	1	638000.000	638000.000	638000.000
AS	18.900	.	.	.	1	18.900	18.900	18.900

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28022

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	47.8 - 51.2	2.0	52.8	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	1.720	.	1	1.720	1.720	1.720
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	14.800	.	1	14.800	14.800	14.800
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	31800.000	.	1	31800.000	31800.000	31800.000
NIT	.	.	2170.000	.	1	2170.000	2170.000	2170.000
SO4	.	.	72100.000	.	1	72100.000	72100.000	72100.000
MG	.	.	10900.000	.	1	10900.000	10900.000	10900.000
CA	.	.	78000.000	.	1	78000.000	78000.000	78000.000
K	.	.	3580.000	.	1	3580.000	3580.000	3580.000
NA	.	.	49100.000	.	1	49100.000	49100.000	49100.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28023

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	32.7 - 41.9	2.0	52.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.054	.	0			
ENDRN	<0.063	.	<0.060	.	0			
PPDDT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	56100.000	.	65900.000	.	2	56100.000	65900.000	61000.000
NTT	.	.	8330.000	.	1	8330.000	8330.000	8330.000
SO4	172000.000	.	154000.000	.	2	154000.000	172000.000	163000.000
MG	.	.	18000.000	.	1	18000.000	18000.000	18000.000
CA	.	.	121000.000	.	1	121000.000	121000.000	121000.000
K	.	.	4160.000	.	1	4160.000	4160.000	4160.000
NA	.	.	74200.000	.	1	74200.000	74200.000	74200.000
CR	.	.	10.000	.	1	10.000	10.000	10.000
CD	.	.	<5.160	.	0			
PB	.	.	23.400	.	1	23.400	23.400	23.400
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	40.300	.	1	40.300	40.300	40.300
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28025

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	92.0 - 102.0	2.0	52.0	SH	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	<10.500	.	.	.	0			
DMDS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MEC6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCL4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1390.000	.	.	.	1	1390.000	1390.000	1390.000
CL	2090.000	.	.	.	1	2090.000	2090.000	2090.000
SO4	20700.000	.	.	.	1	20700.000	20700.000	20700.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28026

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	110.0 - 120.0	2.0	52.0	SH	5	6

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.211	.	0			
ALDRN	<0.088	.	<0.146	.	0			
ISODR	<0.072	.	<0.109	.	0			
PPDDE	<0.071	.	<0.046	.	0			
DLDRN	<0.054	.	<0.079	.	0			
ENDRN	<0.063	.	<0.085	.	0			
PPDDT	<0.066	.	<0.097	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMMP	<15.200	.	<15.200	.	0			
DIMP	<10.500	.	<10.500	.	0			
DMDS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.920	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	<1.850	.	<1.100	.	0			
CH2CL2	<2.480	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCLE	<1.930	.	<1.200	.	0			
12DCLE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCL4	<1.690	.	<2.400	.	0			
111TCE	<1.090	.	<1.700	.	0			
112TCE	<1.630	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.234	.	<0.233	.	0			
FL	2390.000	.	2490.000	.	2	2390.000	2490.000	2440.000
CL	2230.000	.	<4800.000	.	1	2230.000	2230.000	2230.000
NTT	.	.	27.400	.	1	27.400	27.400	27.400
SO4	12100.000	.	12700.000	.	2	12100.000	12700.000	12400.000
MG	.	.	<500.000	.	0			
CA	.	.	4860.000	.	1	4860.000	4860.000	4860.000
K	.	.	675.000	.	1	675.000	675.000	675.000
NA	.	.	63900.000	.	1	63900.000	63900.000	63900.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	23.900	.	1	23.900	23.900	23.900
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	<2.500	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28027

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.0 - 48.0	2.0	48.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	35900.000	.	1	35900.000	35900.000	35900.000
NTT	.	.	3440.000	.	1	3440.000	3440.000	3440.000
SO4	.	.	53500.000	.	1	53500.000	53500.000	53500.000
MG	.	.	8670.000	.	1	8670.000	8670.000	8670.000
CA	.	.	68400.000	.	1	68400.000	68400.000	68400.000
K	.	.	3560.000	.	1	3560.000	3560.000	3560.000
NA	.	.	42100.000	.	1	42100.000	42100.000	42100.000
CR	.	.	6.190	.	1	6.190	6.190	6.190
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28028

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	57.5 - 67.5	2.0	48.0	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODF	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	0			
CL	.	.	28200.000	.	1	28200.000	28200.000	28200.000
NIT	.	.	199.000	.	1	199.000	199.000	199.000
SO4	.	.	129000.000	.	1	129000.000	129000.000	129000.000
MG	.	.	3080.000	.	1	3080.000	3080.000	3080.000
CA	.	.	44200.000	.	1	44200.000	44200.000	44200.000
K	.	.	2800.000	.	1	2800.000	2800.000	2800.000
NA	.	.	80900.000	.	1	80900.000	80900.000	80900.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 30009

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	9.0 - 24.0	2.0	24.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1320.000	.	1	1320.000	1320.000	1320.000
CL	.	.	93400.000	.	1	93400.000	93400.000	93400.000
NTT	.	.	8680.000	.	1	8680.000	8680.000	8680.000
SO4	.	.	447000.000	.	1	447000.000	447000.000	447000.000
MG	.	.	37300.000	.	1	37300.000	37300.000	37300.000
CA	.	.	104000.000	.	1	104000.000	104000.000	104000.000
K	.	.	6350.000	.	1	6350.000	6350.000	6350.000
NA	.	.	160000.000	.	1	160000.000	160000.000	160000.000
CR	.	.	16.300	.	1	16.300	16.300	16.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	135.000	.	1	135.000	135.000	135.000
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 30011

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	123.0 - 133.0	2.0	24.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	2480.000	.	1	2480.000	2480.000	2480.000
CL	.	.	29300.000	.	1	29300.000	29300.000	29300.000
NTT	.	.	24.300	.	1	24.300	24.300	24.300
SO4	.	.	<10000.000	.	0			
MG	.	.	<500.000	.	0			
CA	.	.	9380.000	.	1	9380.000	9380.000	9380.000
K	.	.	2100.000	.	1	2100.000	2100.000	2100.000
NA	.	.	84100.000	.	1	84100.000	84100.000	84100.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37305

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	0.0 - 0.0	2.0	27.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	.	.	.	0			
ALDRN	0.140	.	.	.	1	0.140	0.140	0.140
ISODR	<0.060	.	.	.	0			
PPDDE	<0.053	.	.	.	0			
DLDRN	<0.060	.	.	.	0			
ENDRN	<0.052	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMMP	<15.200	.	.	.	0			
DIMP	1220.000	.	.	.	1	1220.000	1220.000	1220.000
DMDS	<1.800	.	.	.	0			
OXAT	<2.000	.	.	.	0			
DITH	<1.100	.	.	.	0			
CPMS	<1.300	.	.	.	0			
CPMSO	<4.200	.	.	.	0			
CPMSO2	<4.700	.	.	.	0			
C6H6	<1.340	.	.	.	0			
ETC6H5	<1.280	.	.	.	0			
MEC6H5	<1.210	.	.	.	0			
XYLEN	<2.470	.	.	.	0			
MXYLEN	<1.350	.	.	.	0			
11DCE	<1.100	.	.	.	0			
CH2CL2	<5.000	.	.	.	0			
T12DCE	<1.200	.	.	.	0			
11DCLE	<1.200	.	.	.	0			
12DCLE	0.744	.	.	.	1	0.744	0.744	0.744
CHCL3	<1.400	.	.	.	0			
CCL4	<2.400	.	.	.	0			
111TCE	<1.700	.	.	.	0			
112TCE	1.080	.	.	.	1	1.080	1.080	1.080
TRCLE	<1.100	.	.	.	0			
CLC6H5	<0.580	.	.	.	0			
TCLEE	<1.300	.	.	.	0			
FL	1950.000	.	.	.	1	1950.000	1950.000	1950.000
CL	534000.000	.	.	.	1	534000.000	534000.000	534000.000
NTT	349.000	.	.	.	1	349.000	349.000	349.000
SO4	789000.000	.	.	.	1	789000.000	789000.000	789000.000
MG	94800.000	.	.	.	1	94800.000	94800.000	94800.000
CA	431000.000	.	.	.	1	431000.000	431000.000	431000.000
K	1960.000	.	.	.	1	1960.000	1960.000	1960.000
NA	471000.000	.	.	.	1	471000.000	471000.000	471000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	29.300	.	.	.	1	29.300	29.300	29.300
AS	10.800	.	.	.	1	10.800	10.800	10.800
SPCOND	2550.000	.	.	.	1	2550.000	2550.000	2550.000
PH	7.120	.	.	.	1	7.120	7.120	7.120

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37308

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	0.0 - 0.0	2.0	20.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	0.083	<0.070	<0.070	<0.070	1	0.083	0.083	0.083
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	0.066	<0.053	<0.053	<0.053	1	0.066	0.066	0.066
DLDRN	0.672	<0.060	0.291	<0.060	2	0.291	0.672	0.482
ENDRN	0.658	<0.052	<0.052	<0.052	1	0.658	0.658	0.658
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	58.000	58.600	54.100	30.500	4	30.500	58.600	50.300
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.207	0.249	<0.130	<0.130	2	0.207	0.249	0.228
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	153.000	86.700	78.400	43.700	4	43.700	153.000	90.450
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	50.600	10.800	59.100	63.800	4	10.800	63.800	46.075
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	9.340	<5.000	<5.000	1	9.340	9.340	9.340
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	2.000	2.550	1.690	0.604	4	0.604	2.550	1.711
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	14.000	29.600	14.400	9.360	4	9.360	29.600	16.840
FL	1610.000	2070.000	2090.000	2190.000	4	1610.000	2190.000	1990.000
CL	263000.000	246000.000	275000.000	267000.000	4	246000.000	275000.000	262750.000
NIT	2640.000	835.000	667.000	924.000	4	667.000	2640.000	1266.500
SO4	2180000.000	440000.000	430000.000	409000.000	4	409000.000	2180000.000	864750.000
MG	93800.000	66600.000	68100.000	64400.000	4	64400.000	93800.000	73225.000
CA	198000.000	123000.000	120000.000	111000.000	4	111000.000	198000.000	138000.000
K	3350.000	6080.000	4130.000	4640.000	4	3350.000	6080.000	4550.000
NA	400000.000	273000.000	272000.000	276000.000	4	272000.000	400000.000	305250.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	8.390	1	8.390	8.390	8.390
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	27.100	<20.100	21.600	23.400	3	21.600	27.100	24.033
AS	6.330	<2.500	<3.070	<3.070	1	6.330	6.330	6.330
SPCOND	1680.000	1500.000	.	.	2	1500.000	1680.000	1590.000
PH	7.350	7.510	.	.	2	7.350	7.510	7.430

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37309

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	0.0 - 0.0	2.0	23.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	0.090	<1.400	<0.700	<0.070	1	0.090	0.090	0.090
ALDRN	0.108	<1.400	<0.700	<0.070	1	0.108	0.108	0.108
ISODF	<0.060	<1.200	<0.600	<0.060	0			
PPDDE	<0.053	<1.060	<0.530	<0.053	0			
DLDRN	<0.060	<1.200	<0.600	<0.060	0			
ENDRN	0.421	<1.040	<0.520	<0.052	1	0.421	0.421	0.421
PPDDT	<0.066	<1.400	<0.700	<0.070	0			
DCPD	618.000	736.000	475.000	529.000	4	475.000	736.000	589.500
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.173	0.183	0.176	0.229	4	0.173	0.229	0.190
DMMP	<15.200	<15.200	<15.200	<76.000	0			
DIMP	802.000	1020.000	829.000	765.000	4	765.000	1020.000	854.000
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	6.900	8.340	6.480	5.930	4	5.930	8.340	6.912
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	20.200	24.000	27.100	55.500	4	20.200	55.500	31.700
CPMSO2	24.200	35.400	32.600	39.300	4	24.200	39.300	32.875
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	5.330	<1.210	<1.210	1	5.330	5.330	5.330
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	7.060	<5.000	<5.000	1	7.060	7.060	7.060
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	6.190	<0.610	6.270	4.150	3	4.150	6.270	5.537
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	3.300	3.040	3.160	2.300	4	2.300	3.300	2.950
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	59.700	70.900	45.400	46.500	4	45.400	70.900	55.625
FL	2770.000	1850.000	2790.000	3060.000	4	1850.000	3060.000	2617.500
CL	600000.000	514000.000	624000.000	444000.000	4	444000.000	624000.000	545500.000
NTT	740.000	2080.000	2180.000	1750.000	4	740.000	2180.000	1687.500
SO4	633000.000	624000.000	591000.000	585000.000	4	585000.000	633000.000	608250.000
MG	77500.000	60800.000	71400.000	56100.000	4	56100.000	77500.000	66450.000
CA	229000.000	126000.000	144000.000	117000.000	4	117000.000	229000.000	154000.000
K	2140.000	4010.000	2580.000	2580.000	4	2140.000	4010.000	2827.500
NA	707000.000	499000.000	539000.000	432000.000	4	432000.000	707000.000	544250.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	26.000	1	26.000	26.000	26.000
HG	.	<0.359	<0.240	<0.480	0			
ZN	<20.100	<20.100	<20.100	56.000	1	56.000	56.000	56.000
AS	7.230	2.810	<3.070	<3.070	2	2.810	7.230	5.020
SPCOND	2550.000	2250.000	.	.	2	2250.000	2550.000	2400.000
PH	7.350	7.470	.	.	2	7.350	7.470	7.410

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37312

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	0.0 - 0.0	2.0	13.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.700	<0.070	<0.070	0			
ALDRN	<0.070	<0.700	<0.070	<0.070	0			
ISODR	<0.060	<0.600	<0.060	<0.060	0			
PPDDE	<0.053	<0.530	<0.053	<0.053	0			
DLDRN	0.289	1.170	1.620	0.135	4	0.135	1.620	0.803
ENDRN	0.276	<0.520	1.510	<0.052	2	0.276	1.510	0.893
PPDDT	<0.066	<0.700	<0.070	<0.070	0			
DCPD	<9.310	23.700	<9.310	<9.310	1	23.700	23.700	23.700
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	22.200	23.000	<10.500	<10.500	2	22.200	23.000	22.600
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	3.290	<1.300	<1.300	1	3.290	3.290	3.290
FL	1920.000	1890.000	2090.000	2310.000	4	1890.000	2310.000	2052.500
CL	262000.000	247000.000	258000.000	228000.000	4	228000.000	262000.000	248750.000
NTT	574.000	124.000	1020.000	1050.000	4	124.000	1050.000	692.000
SO4	555000.000	473000.000	481000.000	415000.000	4	415000.000	555000.000	481000.000
MG	91800.000	66000.000	72500.000	61700.000	4	61700.000	91800.000	73000.000
CA	187000.000	129000.000	135000.000	116000.000	4	116000.000	187000.000	141750.000
K	2590.000	4530.000	2430.000	4040.000	4	2430.000	4530.000	3397.500
NA	312000.000	231000.000	250000.000	228000.000	4	228000.000	312000.000	255250.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	28.600	<20.100	<20.100	149.000	2	28.600	149.000	88.800
AS	4.970	<2.500	<3.070	<3.070	1	4.970	4.970	4.970
SPCOND	1600.000	1400.000	.	.	2	1400.000	1600.000	1500.000
PH	7.330	6.510	.	.	2	6.510	7.330	6.920

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37313

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	0.0 - 0.0	2.0	28.8	SS	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.700	<0.070	<0.070	0			
ALDRN	0.299	<0.700	<0.070	<0.070	1	0.299	0.299	0.299
ISODR	<0.060	<0.600	<0.060	<0.060	0			
PPDDE	<0.053	<0.530	<0.053	<0.053	0			
DLDRN	<0.060	<0.600	<0.060	0.086	1	0.086	0.086	0.086
ENDRN	0.072	<0.520	<0.052	<0.052	1	0.072	0.072	0.072
PPDDT	<0.066	<0.700	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<304.000	0			
DIMP	4480.000	5180.000	2170.000	3850.000	4	2170.000	5180.000	3920.000
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	4.140	4.880	<2.000	4.400	3	4.140	4.880	4.473
DITH	9.210	13.200	8.970	11.000	4	8.970	13.200	10.595
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	0.757	<0.610	0.679	2	0.679	0.757	0.718
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	2870.000	2770.000	2030.000	2780.000	4	2030.000	2870.000	2612.500
CL	1520000.000	1340000.000	730000.000	1130000.000	4	730000.000	1520000.000	1180000.000
NTT	<10.000	<10.000	85.400	236.000	2	85.400	236.000	160.700
SO4	1490000.000	1470000.000	1030000.000	1170000.000	4	1030000.000	1490000.000	1290000.000
MG	191000.000	173000.000	> 400000.000	117000.000	4	117000.000	400000.000	220250.000
CA	610000.000	510000.000	270000.000	262000.000	4	262000.000	610000.000	413000.000
K	6820.000	12700.000	12300.000	9430.000	4	6820.000	12700.000	10312.500
NA	1040000.000	1020000.000	600000.000	821000.000	4	600000.000	1040000.000	870250.000
CR	<5.960	24.800	<5.960	.	1	24.800	24.800	24.800
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	23.300	44.200	2	23.300	44.200	33.750
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	36.600	<20.100	22.100	34.600	3	22.100	36.600	31.100
AS	13.600	<2.500	<3.070	<3.070	1	13.600	13.600	13.600
SPCOND	5000.000	4400.000	.	.	2	4400.000	5000.000	4700.000
PH	7.040	7.140	.	.	2	7.040	7.140	7.090

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37316

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	88.1 - 96.2	4.0	31.0	SH	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODE	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	60.800	27.000	<10.100	2	27.000	60.800	43.900
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	2.780	1	2.780	2.780	2.780
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	5.490	<2.100	<2.100	1	5.490	5.490	5.490
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	13.400	<2.480	<2.480	1	13.400	13.400	13.400
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	<1.400	5.600	<1.880	<1.880	1	5.600	5.600	5.600
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	1750.000	1780.000	2060.000	2090.000	4	1750.000	2090.000	1920.000
CL	106000.000	95800.000	74500.000	85500.000	4	74500.000	106000.000	90450.000
NTT	107.000	.	.	.	1	107.000	107.000	107.000
SO4	518000.000	485000.000	505000.000	508000.000	4	485000.000	518000.000	504000.000
MG	<500.000	.	.	.	0			
CA	19200.000	.	.	.	1	19200.000	19200.000	19200.000
K	2230.000	.	.	.	1	2230.000	2230.000	2230.000
NA	337000.000	.	.	.	1	337000.000	337000.000	337000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	7.680	3.180	<2.500	<2.500	2	3.180	7.680	5.430
SPCOND	1480.000	.	1200.000	1330.000	3	1200.000	1480.000	1336.667
PH	9.540	.	9.150	9.180	3	9.150	9.540	9.290

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37317

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	51.2 - 60.6	4.0	31.1	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	> 9.040	<1.920	<1.920	<1.920	1	9.040	9.040	9.040
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	<1200.000	<1000.000	1290.000	1170.000	2	1170.000	1290.000	1230.000
CL	68000.000	49200.000	56000.000	61800.000	4	49200.000	68000.000	58750.000
NIT	154.000	.	.	.	1	154.000	154.000	154.000
SO4	644000.000	580000.000	627000.000	659000.000	4	580000.000	659000.000	627500.000
MG	2900.000	.	.	.	1	2900.000	2900.000	2900.000
CA	<5000.000	.	.	.	0			
K	2590.000	.	.	.	1	2590.000	2590.000	2590.000
NA	311000.000	.	.	.	1	311000.000	311000.000	311000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	79.600	.	.	.	1	79.600	79.600	79.600
AS	7.230	<2.500	<2.500	<2.500	1	7.230	7.230	7.230
SPCONL	1540.000	.	1300.000	1560.000	3	1300.000	1560.000	1466.667
PH	8.730	.	8.630	8.490	3	8.490	8.730	8.617

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37318

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	41.8 - 50.7	4.0	27.0	SH	5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	2.470	1	2.470	2.470	2.470
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	2.410	<1.880	<1.880	5.510	2	2.410	5.510	3.960
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	9.210	<1.360	<1.360	12.000	2	9.210	12.000	10.605
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	<1200.000	<1000.000	<1000.000	<1000.000	0			
CL	45000.000	44300.000	44300.000	39000.000	4	39000.000	45000.000	43150.000
NTT	54.100	.	.	.	1	54.100	54.100	54.100
SO4	342000.000	294000.000	313000.000	314000.000	4	294000.000	342000.000	315750.000
MG	3520.000	.	.	.	1	3520.000	3520.000	3520.000
CA	58900.000	.	.	.	1	58900.000	58900.000	58900.000
K	4840.000	.	.	.	1	4840.000	4840.000	4840.000
NA	280000.000	.	.	.	1	280000.000	280000.000	280000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	1040.000	.	880.000	1040.000	3	880.000	1040.000	986.667
PH	9.020	.	8.570	8.780	3	8.570	9.020	8.790

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37319

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	145.4 - 154.5	4.0	29.0	SH	5	6

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	44.700	35.600	6.760	9.040	4	6.760	44.700	24.025
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	152.000	13.800	3.100	<1.880	3	3.100	152.000	56.300
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	6.940	<1.360	<1.360	<1.360	1	6.940	6.940	6.940
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	1710.000	1760.000	1670.000	1600.000	4	1600.000	1760.000	1685.000
CL	29900.000	6540.000	6110.000	5290.000	4	5290.000	29900.000	11960.000
NTT	232.000	.	.	.	1	232.000	232.000	232.000
SO4	117000.000	19100.000	20200.000	18600.000	4	18600.000	117000.000	43725.000
MG	<500.000	.	.	.	0			
CA	6520.000	.	.	.	1	6520.000	6520.000	6520.000
K	<1260.000	.	.	.	0			
NA	193000.000	.	.	.	1	193000.000	193000.000	193000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	615.000	.	290.000	290.000	3	290.000	615.000	398.333
PH	8.850	.	9.310	9.200	3	8.850	9.310	9.120

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37320

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	22.7 - 32.7	4.0	35.0	SS	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	0.071	0.070	<0.060	0.140	3	0.070	0.140	0.094
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	17.100	27.100	21.500	18.900	4	17.100	27.100	21.150
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	2.390	<1.340	1.750	<1.340	2	1.750	2.390	2.070
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	11.400	0.772	10.000	<0.580	3	0.772	11.400	7.391
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	<1220.000	<1220.000	0			
CL	134000.000	145000.000	155000.000	150000.000	4	134000.000	155000.000	146000.000
NTT	416.000	3860.000	4200.000	3680.000	4	416.000	4200.000	3039.000
SO4	432000.000	417000.000	413000.000	375000.000	4	375000.000	432000.000	409250.000
MG	54700.000	42600.000	44300.000	43000.000	4	42600.000	54700.000	46150.000
CA	170000.000	130000.000	127000.000	122000.000	4	122000.000	170000.000	137250.000
K	2320.000	5050.000	2890.000	3350.000	4	2320.000	5050.000	3402.500
NA	253000.000	180000.000	176000.000	177000.000	4	176000.000	253000.000	196500.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	12.100	<7.940	1	12.100	12.100	12.100
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	21.800	21.500	<20.100	<20.100	2	21.500	21.800	21.650
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	1660.000	2200.000	.	.	2	1660.000	2200.000	1930.000
PH	7.500	7.470	.	.	2	7.470	7.500	7.485

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37321

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	64.0 - 73.9	4.0	35.0	SS	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	15.100	<10.500	<10.500	<10.100	1	15.100	15.100	15.100
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	3.460	<1.880	<1.880	<1.880	1	3.460	3.460	3.460
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	5.550	<1.360	3.600	2.980	3	2.980	5.550	4.043
TCLEE	1.990	<2.760	<2.760	<2.760	1	1.990	1.990	1.990
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	<1200.000	<1000.000	<1000.000	<1000.000	0			
CL	21600.000	18800.000	16800.000	16700.000	4	16700.000	21600.000	18475.000
NTT	<10.000	.	.	.	0			
SO4	220000.000	213000.000	216000.000	219000.000	4	213000.000	220000.000	217000.000
MG	526.000	.	.	.	1	526.000	526.000	526.000
CA	13500.000	.	.	.	1	13500.000	13500.000	13500.000
K	<1260.000	.	.	.	0			
NA	183000.000	.	.	.	1	183000.000	183000.000	183000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	681.000	.	525.000	640.000	3	525.000	681.000	615.333
PH	9.110	.	8.770	8.580	3	8.580	9.110	8.820

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37322

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	87.8 - 96.9	4.0	35.0	SS	5	5

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	1.820	<1.920	<1.920	<1.920	1	1.820	1.820	1.820
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	1.610	<1.880	<1.880	<1.880	1	1.610	1.610	1.610
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	10.500	<1.360	7.740	<1.360	2	7.740	10.500	9.120
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	<1200.000	<1000.000	<1000.000	<1000.000	0			
CL	18200.000	18500.000	17100.000	16600.000	4	16600.000	18500.000	17600.000
NTT	262.000	.	.	.	1	262.000	262.000	262.000
SO4	178000.000	200000.000	207000.000	209000.000	4	178000.000	209000.000	198500.000
MG	<500.000	.	.	.	0			
CA	10900.000	.	.	.	1	10900.000	10900.000	10900.000
K	<1260.000	.	.	.	0			
NA	171000.000	.	.	.	1	171000.000	171000.000	171000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	670.000	.	500.000	595.000	3	500.000	670.000	588.333
PH	8.660	.	9.190	9.020	3	8.660	9.190	8.957

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37323

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	16.5 - 26.3	4.0	10.0	SH	5	2

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	0.164	1	0.164	0.164	0.164
DMMP	<15.200	.	<15.200	<16.300	0			
DIMP	72.800	.	15.700	76.600	3	15.700	76.600	55.033
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<1.590	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	.	<1.920	2.730	1	2.730	2.730	2.730
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	.	<0.620	<0.620	0			
MEC6H5	<1.210	.	<2.100	<2.100	0			
XYLEN	<2.470	.	<1.340	<1.340	0			
MXYLEN	<1.350	.	<1.040	<1.040	0			
11DCE	<1.100	.	<1.850	<1.850	0			
CH2CL2	<5.000	.	<2.480	<2.480	0			
T12DCE	<1.200	.	<1.750	<1.750	0			
11DCLE	<1.200	.	<1.930	<1.930	0			
12DCLE	<3.050	.	<2.070	<2.070	0			
CHCL3	79.600	.	36.700	42.000	3	36.700	79.600	52.767
CCLA	<2.400	.	<1.690	<1.690	0			
111TCE	<1.700	.	<1.090	<1.090	0			
112TCE	<1.000	.	<1.630	<1.630	0			
TRCLE	<1.100	.	<1.310	<1.310	0			
CLC6H5	<0.580	.	<1.360	15.500	1	15.500	15.500	15.500
TCLEE	<1.300	.	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	1440.000	<1000.000	2310.000	2770.000	3	1440.000	2770.000	2173.333
CL	352000.000	246000.000	238000.000	286000.000	4	238000.000	352000.000	280500.000
NTT	1410.000	.	.	.	1	1410.000	1410.000	1410.000
SO4	1090000.000	987000.000	1020000.000	1180000.000	4	987000.000	1180000.000	1069250.000
MG	77600.000	.	.	.	1	77600.000	77600.000	77600.000
CA	472000.000	.	.	.	1	472000.000	472000.000	472000.000
K	2630.000	.	.	.	1	2630.000	2630.000	2630.000
NA	555000.000	.	.	.	1	555000.000	555000.000	555000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	35.100	.	.	.	1	35.100	35.100	35.100
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	2830.000	.	2280.000	2930.000	3	2280.000	2930.000	2680.000
PH	7.950	.	7.490	7.370	3	7.370	7.950	7.603

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37327

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	29.6 - 34.5	4.0	34.9	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.166	<0.083	<0.083	0			
ALDRN	<0.070	<0.166	<0.083	<0.083	0			
ISODR	<0.060	<0.112	<0.056	<0.056	0			
PPDDE	<0.053	<0.092	<0.046	<0.046	0			
DLDRN	<0.060	<0.110	<0.054	<0.054	0			
ENDRN	<0.052	<0.120	<0.060	<0.060	0			
PPDDT	<0.066	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<3.340	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	.	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	.	<0.620	<0.620	0			
MEC6H5	<1.210	.	<2.100	<2.100	0			
XYLEN	<2.470	.	<1.340	<1.340	0			
MXYLEN	<1.350	.	<1.040	<1.040	0			
11DCE	<1.100	.	<1.850	<1.850	0			
CH2CL2	<5.000	.	<2.480	<2.480	0			
T12DCE	<1.200	.	<1.750	<1.750	0			
11DCLE	<1.200	.	<1.930	<1.930	0			
12DCLE	<0.610	.	<2.070	<2.070	0			
CHCL3	<1.400	.	<1.880	<1.880	0			
CCL4	<2.400	.	<1.690	<1.690	0			
111TCE	<1.700	.	<1.090	<1.090	0			
112TCE	<1.000	.	<1.630	<1.630	0			
TRCLE	<1.100	.	<1.310	<1.310	0			
CLC6H5	<0.580	.	<1.360	7.080	1	7.080	7.080	7.080
TCLEE	<1.300	.	<2.760	<2.760	0			
CLDAN	.	<0.304	<0.152	<0.152	0			
FL	1680.000	<1000.000	2700.000	2670.000	3	1680.000	2700.000	2350.000
CL	302000.000	243000.000	257000.000	250000.000	4	243000.000	302000.000	263000.000
NIT	10300.000	.	.	.	1	10300.000	10300.000	10300.000
SO4	1120000.000	1080000.000	1190000.000	1200000.000	4	1080000.000	1200000.000	1147500.000
MG	77200.000	.	.	.	1	77200.000	77200.000	77200.000
CA	308000.000	.	.	.	1	308000.000	308000.000	308000.000
K	3170.000	.	.	.	1	3170.000	3170.000	3170.000
NA	682000.000	.	.	.	1	682000.000	682000.000	682000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	37.800	.	.	.	1	37.800	37.800	37.800
AS	9.940	<2.500	<2.500	<2.500	1	9.940	9.940	9.940
SPCOND	3150.000	2250.000	2530.000	2950.000	4	2250.000	3150.000	2720.000
PH	7.750	7.500	7.090	6.960	4	6.960	7.750	7.325

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37330

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	37.5 - 57.2	4.0	57.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<3.340	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	30.800	26.400	18.100	17.200	4	17.200	30.800	23.125
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	2.690	1.740	2	1.740	2.690	2.215
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	1300.000	1600.000	1630.000	1620.000	4	1300.000	1630.000	1537.500
CL	378000.000	142000.000	291000.000	319000.000	4	142000.000	378000.000	282500.000
NTT	3370.000	.	.	.	1	3370.000	3370.000	3370.000
SO4	161000.000	147000.000	154000.000	168000.000	4	147000.000	168000.000	157500.000
MG	40300.000	.	.	.	1	40300.000	40300.000	40300.000
CA	139000.000	.	.	.	1	139000.000	139000.000	139000.000
K	3220.000	.	.	.	1	3220.000	3220.000	3220.000
NA	280000.000	.	.	.	1	280000.000	280000.000	280000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	27.300	.	.	.	1	27.300	27.300	27.300
AS	<3.900	2.750	<2.500	<2.500	1	2.750	2.750	2.750
SPCOND	1800.000	.	1380.000	1650.000	3	1380.000	1800.000	1610.000
PH	7.640	.	7.330	7.000	3	7.000	7.640	7.323

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37331

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.6 - 48.6	4.0	48.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	<0.060	<0.054	<0.054	<0.054	0			
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<3.340	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	4.250	<1.920	<1.920	<1.920	1	4.250	4.250	4.250
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	1.320	<2.100	<2.100	<2.100	1	1.320	1.320	1.320
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	18.700	26.100	25.800	19.900	4	18.700	26.100	22.625
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	16.500	<1.360	6.590	1.660	3	1.660	16.500	8.250
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	1410.000	1260.000	1730.000	1560.000	4	1260.000	1730.000	1490.000
CL	405000.000	308000.000	327000.000	338000.000	4	308000.000	405000.000	344500.000
NIT	3500.000	.	.	.	1	3500.000	3500.000	3500.000
SO4	167000.000	162000.000	169000.000	178000.000	4	162000.000	178000.000	169000.000
MG	44400.000	.	.	.	1	44400.000	44400.000	44400.000
CA	160000.000	.	.	.	1	160000.000	160000.000	160000.000
K	2990.000	.	.	.	1	2990.000	2990.000	2990.000
NA	324000.000	.	.	.	1	324000.000	324000.000	324000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	69.100	.	.	.	1	69.100	69.100	69.100
AS	4.970	<2.500	<2.500	<2.500	1	4.970	4.970	4.970
SPCOND	1860.000	.	1350.000	1800.000	3	1350.000	1860.000	1670.000
PH	7.340	.	7.340	6.870	3	6.870	7.340	7.183

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37332

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	46.9 - 51.4	4.0	51.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	1.020	<0.070	<0.070	1	1.020	1.020	1.020
ALDRN	<0.070	<0.700	<0.070	<0.070	0			
ISODP	<0.060	<0.600	<0.060	<0.060	0			
PPDDE	<0.053	<0.530	<0.053	<0.053	0			
DLDRN	0.447	0.742	0.711	1.020	4	0.447	1.020	0.730
ENDRN	0.130	<0.520	<0.052	<0.052	1	0.130	0.130	0.130
PPDDT	<0.066	<0.700	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	1.550	<1.340	<1.340	1	1.550	1.550	1.550
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	3.340	2.520	<1.400	3.390	3	2.520	3.390	3.083
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	5.700	<0.580	3.220	2	3.220	5.700	4.460
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	2130.000	2410.000	2540.000	2610.000	4	2130.000	2610.000	2422.500
CL	729000.000	673000.000	714000.000	609000.000	4	609000.000	729000.000	681250.000
NTT	3940.000	4650.000	5130.000	4360.000	4	3940.000	5130.000	4520.000
SO4	403000.000	393000.000	393000.000	331000.000	4	331000.000	403000.000	380000.000
MG	122000.000	43200.000	200000.000	34200.000	4	34200.000	200000.000	99850.000
CA	390000.000	129000.000	116000.000	96700.000	4	96700.000	390000.000	182925.000
K	3310.000	7110.000	3970.000	3780.000	4	3310.000	7110.000	4542.500
NA	1340000.000	544000.000	501000.000	506000.000	4	501000.000	1340000.000	722750.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	7.530	<5.160	5.470	2	5.470	7.530	6.500
PB	<18.600	<18.600	<18.600	38.100	1	38.100	38.100	38.100
CU	<7.930	<7.940	<7.940	41.300	1	41.300	41.300	41.300
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	77.700	<20.100	131.000	54.000	3	54.000	131.000	87.567
AS	9.040	4.830	4.500	5.800	4	4.500	9.040	6.042
SPCOND	2380.000	2200.000	.	.	2	2200.000	2380.000	2290.000
PH	7.640	7.460	.	.	2	7.460	7.640	7.550

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37333

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.4 - 47.7	4.0	47.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	0.168	0.084	0.205	0.226	4	0.084	0.226	0.171
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	13.000	14.900	13.500	11.600	4	11.600	14.900	13.250
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	<1220.000	<1220.000	0			
CL	374000.000	372000.000	394000.000	372000.000	4	372000.000	394000.000	378000.000
NTT	2080.000	2820.000	3330.000	2920.000	4	2080.000	3330.000	2787.500
SO4	171000.000	163000.000	157000.000	153000.000	4	153000.000	171000.000	161000.000
MG	8140.000	6750.000	10500.000	13800.000	4	6750.000	13800.000	9797.500
CA	114000.000	83000.000	80100.000	85700.000	4	80100.000	114000.000	90700.000
K	4070.000	7620.000	4740.000	5580.000	4	4070.000	7620.000	5502.500
NA	352000.000	247000.000	233000.000	247000.000	4	233000.000	352000.000	269750.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<1.000	<0.359	<0.240	<0.480	0			
ZN	36.800	<20.100	<20.100	33.600	2	33.600	36.800	35.200
AS	6.780	<2.500	<3.070	4.800	2	4.800	6.780	5.790
SPCOND	1640.000	1200.000	.	.	2	1200.000	1640.000	1420.000
PH	11.000	7.050	.	.	2	7.050	11.000	9.025

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37334

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	42.3 - 67.3	4.0	64.0	SH	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	0.124	0.122	0.169	0.154	4	0.122	0.169	0.142
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	.	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<3.340	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	<0.620	<0.620	<0.620	0			
MEC6H5	<1.210	<2.100	<2.100	<2.100	0			
XYLEN	<2.470	<1.340	<1.340	<1.340	0			
MXYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCLE	<1.200	<1.930	<1.930	<1.930	0			
12DCLE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	<1.400	<1.880	<1.880	<1.880	0			
CCL4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	2.640	<1.360	3.710	2.310	3	2.310	3.710	2.887
TCLEE	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	<1200.000	<1000.000	<1000.000	<1000.000	0			
CL	107000.000	78500.000	72000.000	76900.000	4	72000.000	107000.000	83600.000
NTT	536.000	.	.	.	1	536.000	536.000	536.000
SO4	61900.000	65800.000	64800.000	67100.000	4	61900.000	67100.000	64900.000
MG	13500.000	.	.	.	1	13500.000	13500.000	13500.000
CA	66600.000	.	.	.	1	66600.000	66600.000	66600.000
K	2770.000	.	.	.	1	2770.000	2770.000	2770.000
NA	78000.000	.	.	.	1	78000.000	78000.000	78000.000
CR	12.700	.	.	.	1	12.700	12.700	12.700
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	811.000	.	590.000	691.000	3	590.000	811.000	697.333
PH	7.480	.	7.490	7.130	3	7.130	7.490	7.367

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37335

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	38.2 - 57.6	4.0	51.0	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	0.068	0.078	0.065	0.328	4	0.065	0.328	0.135
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	15.200	<15.200	<15.200	1	15.200	15.200	15.200
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	1.740	<1.340	1	1.740	1.740	1.740
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	9.870	<0.580	8.550	1.650	3	1.650	9.870	6.690
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	<1220.000	<1220.000	0			
CL	96600.000	103000.000	112000.000	111000.000	4	96600.000	112000.000	105650.000
NTT	472.000	250.000	255.000	236.000	4	236.000	472.000	303.250
SO4	55200.000	56300.000	54400.000	51000.000	4	51000.000	56300.000	54225.000
MG	11800.000	12700.000	13600.000	13900.000	4	11800.000	13900.000	13000.000
CA	82500.000	79400.000	69800.000	67400.000	4	67400.000	82500.000	74775.000
K	2270.000	4010.000	2430.000	2920.000	4	2270.000	4010.000	2907.500
NA	102000.000	87200.000	80900.000	75200.000	4	75200.000	102000.000	86325.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	<20.100	25.100	39.800	21.400	3	21.400	39.800	28.767
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	776.000	600.000	.	.	2	600.000	776.000	688.000
PH	7.450	7.550	.	.	2	7.450	7.550	7.500

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37336

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	19.3 - 38.9	4.0	39.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0			
ALDRN	<0.070	<0.083	<0.083	<0.083	0			
ISODR	<0.060	<0.056	<0.056	<0.056	0			
PPDDE	<0.053	<0.046	<0.046	<0.046	0			
DLDRN	0.075	0.075	0.082	<0.054	3	0.075	0.082	0.077
ENDRN	<0.052	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.800	<1.160	<1.160	<1.160	0			
OXAT	<2.000	<1.350	<1.350	<1.350	0			
DITH	<1.100	<3.340	<1.590	<3.340	0			
CPMS	<1.300	<1.080	<1.080	<1.080	0			
CPMSO	<4.200	<1.980	<1.980	<1.980	0			
CPMSO2	<4.700	<2.240	<2.240	<2.240	0			
C6H6	<1.340	.	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	<1.280	.	<0.620	<0.620	0			
MEC6H5	<1.210	.	<2.100	<2.100	0			
XYLEN	<2.470	.	<1.340	<1.340	0			
MXYLEN	<1.350	.	<1.040	<1.040	0			
11DCE	<1.100	.	<1.850	<1.850	0			
CH2CL2	9.570	.	<2.480	<2.480	1	9.570	9.570	9.570
T12DCE	<1.200	.	<1.750	<1.750	0			
11DCLE	<1.200	.	<1.930	<1.930	0			
12DCLE	<0.610	.	<2.070	<2.070	0			
CHCL3	2.910	.	9.230	5.410	3	2.910	9.230	5.850
CCLA	<2.400	.	<1.690	<1.690	0			
111TCE	<1.700	.	<1.090	<1.090	0			
112TCE	<1.000	.	<1.630	<1.630	0			
TRCLE	<1.100	.	<1.310	<1.310	0			
CLC6H5	7.150	.	6.910	2.520	3	2.520	7.150	5.527
TCLEE	<1.300	.	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	1260.000	<1000.000	1360.000	1590.000	3	1260.000	1590.000	1403.333
CL	156000.000	244000.000	225000.000	226000.000	4	156000.000	244000.000	212750.000
NTT	1730.000	.	.	.	1	1730.000	1730.000	1730.000
SO4	131000.000	142000.000	159000.000	189000.000	4	131000.000	189000.000	155250.000
MG	17100.000	.	.	.	1	17100.000	17100.000	17100.000
CA	103000.000	.	.	.	1	103000.000	103000.000	103000.000
K	2630.000	.	.	.	1	2630.000	2630.000	2630.000
NA	148000.000	.	.	.	1	148000.000	148000.000	148000.000
CR	<5.960	.	.	.	0			
CD	<5.160	.	.	.	0			
PB	<18.600	.	.	.	0			
CU	<7.930	.	.	.	0			
HG	<0.500	.	.	.	0			
ZN	<20.100	.	.	.	0			
AS	<3.900	<2.500	<2.500	<2.500	0			
SPCOND	1070.000	.	1180.000	1710.000	3	1070.000	1710.000	1320.000
PH	7.200	.	6.880	6.960	3	6.880	7.200	7.013

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37337

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	25.8 - 40.3	4.0	32.1	SH	3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	<0.083	<0.083	<0.083	0			
ALDRN	.	<0.083	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	<0.056	0			
PPDDE	.	<0.046	<0.046	<0.046	0			
DLDRN	.	<0.054	0.068	0.062	2	0.062	0.068	0.065
ENDRN	.	<0.060	<0.060	<0.060	0			
PPDDT	.	<0.059	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	<9.310	0			
MTBK	.	<12.900	<12.900	<12.900	0			
DBCP	.	<0.130	<0.130	<0.130	0			
DMMP	.	<15.200	<30.400	<16.300	0			
DIMP	.	<10.500	<10.500	<10.100	0			
DMDS	.	<1.160	<1.160	<1.160	0			
OXAT	.	<1.350	<1.350	<1.350	0			
DITH	.	<3.340	<1.590	<1.590	0			
CPMS	.	<1.080	<1.080	<1.080	0			
CPMSO	.	<1.980	<1.980	<1.980	0			
CPMSO2	.	<2.240	<2.240	<2.240	0			
C6H6	.	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	<1.750	0			
11DCLE	.	<1.930	<1.930	<1.930	0			
12DCLE	.	<2.070	<2.070	<2.070	0			
CHCL3	.	<1.880	<1.880	<1.880	0			
CCL4	.	<1.690	<1.690	<1.690	0			
111TCE	.	8.310	<1.090	<1.090	1	8.310	8.310	8.310
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	.	<1.310	<1.310	<1.310	0			
CLC6H5	.	<1.360	<1.360	2.760	1	2.760	2.760	2.760
TCLEE	.	<2.760	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	<0.152	0			
FL	.	<1000.000	1000.000	1310.000	2	1000.000	1310.000	1155.000
CL	.	65800.000	63000.000	67000.000	3	63000.000	67000.000	65266.667
SO4	.	173000.000	123000.000	105000.000	3	105000.000	173000.000	133666.667
AS	.	<2.500	<2.500	<2.500	0			
SPCOND	.	.	650.000	952.000	2	650.000	952.000	801.000
PH	.	.	7.110	7.010	2	7.010	7.110	7.060

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37338

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	6.8 - 29.2	4.0	23.5	SH	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	0.090	0.063	0.062	0.108	4	0.062	0.108	0.081
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	17.400	<10.500	<10.500	<10.500	1	17.400	17.400	17.400
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	1.490	<1.340	1	1.490	1.490	1.490
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	4.860	2.950	<1.400	2.030	3	2.030	4.860	3.280
CCLA	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	7.350	<0.580	8.370	2.640	3	2.640	8.370	6.120
TCLEE	<1.300	1.690	<1.300	<1.300	1	1.690	1.690	1.690
FL	1470.000	1280.000	1400.000	1880.000	4	1280.000	1880.000	1507.500
CL	255000.000	134000.000	148000.000	260000.000	4	134000.000	260000.000	199250.000
NIT	1440.000	1620.000	1040.000	1320.000	4	1040.000	1620.000	1355.000
SO4	521000.000	388000.000	392000.000	449000.000	4	388000.000	521000.000	437500.000
MG	50600.000	45700.000	41900.000	54000.000	4	41900.000	54000.000	48050.000
CA	159000.000	143000.000	127000.000	162000.000	4	127000.000	162000.000	147750.000
K	8420.000	31900.000	16000.000	8660.000	4	8420.000	31900.000	16245.000
NA	220000.000	209000.000	180000.000	242000.000	4	180000.000	242000.000	212750.000
CR	<5.960	<5.960	<5.960	.	0			
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	<20.100	37.200	25.600	41.800	3	25.600	41.800	34.867
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	2120.000	1100.000	.	.	2	1100.000	2120.000	1610.000
PH	7.250	7.260	.	.	2	7.250	7.260	7.255

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37339

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	11.7 - 22.3	4.0	20.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	0.128	1	0.128	0.128	0.128
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<76.000	0			
DIMP	498.000	724.000	515.000	546.000	4	498.000	724.000	570.750
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	3940.000	4240.000	4230.000	4650.000	4	3940.000	4650.000	4265.000
CL	2140000.000	2220000.000	2020000.000	1990000.000	4	1990000.000	2220000.000	2092500.000
NTT	9480.000	8610.000	9230.000	8920.000	4	8610.000	9480.000	9060.000
SO4	2100000.000	2120000.000	2180000.000	1970000.000	4	1970000.000	2180000.000	2092500.000
MG	194000.000	203000.000	167000.000	174000.000	4	167000.000	203000.000	184500.000
CA	796000.000	818000.000	537000.000	668000.000	4	537000.000	818000.000	704750.000
K	2460.000	5050.000	3510.000	3610.000	4	2460.000	5050.000	3657.500
NA	1300000.000	1390000.000	1060000.000	1220000.000	4	1060000.000	1390000.000	1242500.000
CR	<5.960	39.800	<5.960	.	1	39.800	39.800	39.800
CD	<5.160	<5.160	<5.160	9.500	1	9.500	9.500	9.500
PB	<18.600	<18.600	<18.600	25.800	1	25.800	25.800	25.800
CU	<7.930	<7.940	<7.940	9.820	1	9.820	9.820	9.820
HG	.	<0.359	<0.240	<0.480	0			
ZN	91.700	37.900	93.900	152.000	4	37.900	152.000	93.875
AS	5.330	<2.500	<3.070	3.500	2	3.500	5.330	4.415
SPCOND	5700.000	7000.000	.	.	2	5700.000	7000.000	6350.000
PH	7.560	7.170	.	.	2	7.170	7.560	7.365

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37342

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	12.9 - 29.0	4.0	27.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	47.300	57.100	41.100	44.000	4	41.100	57.100	47.375
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	1.360	0.936	1.470	1.110	4	0.936	1.470	1.219
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	1.090	<1.000	<1.000	<1.000	1	1.090	1.090	1.090
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	1.360	2.200	2.190	3	1.360	2.200	1.917
FL	<1200.000	1280.000	1460.000	1510.000	3	1280.000	1510.000	1416.667
CL	451000.000	461000.000	576000.000	586000.000	4	451000.000	586000.000	518500.000
NTT	7010.000	5200.000	5650.000	8210.000	4	5200.000	8210.000	6517.500
SO4	678000.000	716000.000	883000.000	861000.000	4	678000.000	883000.000	784500.000
MG	54600.000	61000.000	74500.000	65700.000	4	54600.000	74500.000	63950.000
CA	252000.000	281000.000	311000.000	287000.000	4	252000.000	311000.000	282750.000
K	6040.000	9150.000	6130.000	6600.000	4	6040.000	9150.000	6980.000
NA	412000.000	403000.000	444000.000	426000.000	4	403000.000	444000.000	421250.000
CR	<5.960	17.600	<5.960	.	1	17.600	17.600	17.600
CD	<5.160	<5.160	<5.160	5.470	1	5.470	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	0.360	1	0.360	0.360	0.360
ZN	<20.100	<20.100	82.900	<20.100	1	82.900	82.900	82.900
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	2450.000	2290.000	.	.	2	2290.000	2450.000	2370.000
PH	7.160	6.950	.	.	2	6.950	7.160	7.055

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37343

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	3.7 - 35.1	4.0	35.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODF	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	0.213	<0.060	<0.060	<0.060	1	0.213	0.213	0.213
ENDRN	0.090	<0.052	<0.052	<0.052	1	0.090	0.090	0.090
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	20.300	16.800	11.900	3	11.900	20.300	16.333
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<152.000	<76.000	0			
DIMP	899.000	1110.000	966.000	468.000	4	468.000	1110.000	860.750
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	3.570	1.940	1.830	1.900	4	1.830	3.570	2.310
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	2.970	2.740	2.240	0.801	4	0.801	2.970	2.188
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	8.930	3.090	2	3.090	8.930	6.010
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	1540.000	1550.000	1600.000	1750.000	4	1540.000	1750.000	1610.000
CL	407000.000	303000.000	333000.000	223000.000	4	223000.000	407000.000	316500.000
NTT	86.600	21.400	190.000	100.000	4	21.400	190.000	99.500
SO4	462000.000	416000.000	428000.000	355000.000	4	355000.000	462000.000	415250.000
MG	67600.000	68800.000	54000.000	50200.000	4	50200.000	68800.000	60150.000
CA	174000.000	185000.000	144000.000	119000.000	4	119000.000	185000.000	155500.000
K	5140.000	7110.000	4590.000	5580.000	4	4590.000	7110.000	5605.000
NA	268000.000	294000.000	270000.000	250000.000	4	250000.000	294000.000	270500.000
CR	<5.960	10.900	<5.960	11.100	2	10.900	11.100	11.000
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	21.900	1	21.900	21.900	21.900
CU	<7.930	<7.940	26.700	<7.940	1	26.700	26.700	26.700
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	66.600	<20.100	24.400	36.900	3	24.400	66.600	42.633
AS	4.950	<2.500	3.900	4.300	3	3.900	4.950	4.383
SPCOND	1650.000	1290.000	.	.	2	1290.000	1650.000	1470.000
PH	7.500	7.300	.	.	2	7.300	7.500	7.400

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37345

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.4 - 37.1	4.0	37.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	1270.000	1240.000	2	1240.000	1270.000	1255.000
CL	74500.000	84500.000	52000.000	60500.000	4	52000.000	84500.000	67875.000
NTT	242.000	51.900	668.000	446.000	4	51.900	668.000	351.975
SO4	222000.000	198000.000	153000.000	186000.000	4	153000.000	222000.000	189750.000
MG	19300.000	18100.000	16200.000	17900.000	4	16200.000	19300.000	17875.000
CA	111000.000	127000.000	74700.000	83000.000	4	74700.000	127000.000	98925.000
K	2410.000	5050.000	1660.000	3180.000	4	1660.000	5050.000	3075.000
NA	95200.000	90900.000	69500.000	79500.000	4	69500.000	95200.000	83775.000
CR	<5.960	<5.960	<5.960	7.630	1	7.630	7.630	7.630
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.480	0			
ZN	<20.100	<20.100	77.100	100.000	2	77.100	100.000	88.550
AS	<3.900	<2.500	<3.070	3.100	1	3.100	3.100	3.100
SPCOND	9800.000	820.000	:	:	2	820.000	9800.000	5310.000
PH	7.320	7.220	:	:	2	7.220	7.320	7.270

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37346

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	8.6 - 24.0	4.0	24.0	SH	$WQAQ_1$	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	52.200	<10.500	1	52.200	52.200	52.200
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	.	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	.	<1.280	<1.280	0			
MEC6H5	<1.210	.	<1.210	<1.210	0			
XYLEN	<2.470	.	<2.470	<2.470	0			
MXYLEN	<1.350	.	<1.350	<1.350	0			
11DCE	<1.100	.	<1.100	<1.100	0			
CH2CL2	<5.000	.	<5.000	<5.000	0			
T12DCE	<1.200	.	<1.200	<1.200	0			
11DCLE	<1.200	<1.930	<1.200	<1.200	0			
12DCLE	<0.610	.	<0.610	<0.610	0			
CHCL3	<1.400	.	<1.400	<1.400	0			
CCL4	<2.400	.	<2.400	<2.400	0			
111TCE	<1.700	.	<1.700	<1.700	0			
112TCE	<1.000	.	<1.000	<1.000	0			
TRCLE	<1.100	.	<1.100	<1.100	0			
CLC6H5	<0.580	.	<0.580	<0.580	0			
TCLEE	<1.300	.	<1.300	<1.300	0			
FL	1290.000	1270.000	<1220.000	1300.000	3	1270.000	1300.000	1286.667
CL	64800.000	98400.000	73900.000	40900.000	4	40900.000	98400.000	69500.000
NTT	114.000	70.200	722.000	292.000	4	70.200	722.000	299.550
SO4	164000.000	166000.000	159000.000	79500.000	4	79500.000	166000.000	142125.000
MG	14800.000	17100.000	17200.000	10500.000	4	10500.000	17200.000	14900.000
CA	81000.000	99000.000	91800.000	48700.000	4	48700.000	99000.000	80125.000
K	3800.000	5050.000	3660.000	2670.000	4	2670.000	5050.000	3795.000
NA	82100.000	80600.000	71800.000	64100.000	4	64100.000	82100.000	74650.000
CR	<5.960	9.110	<5.960	<5.960	1	9.110	9.110	9.110
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.240	0			
ZN	<20.100	<20.100	42.800	49.500	2	42.800	49.500	46.150
AS	<3.900	<2.500	<3.070	3.200	1	3.200	3.200	3.200
SPCOND	849.000	800.000	.	.	2	800.000	849.000	824.500
PH	7.410	7.300	.	.	2	7.300	7.410	7.355

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37347

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	23.2 - 33.8	4.0	33.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	19.100	256.000	33.500	<10.500	3	19.100	256.000	102.867
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	<1220.000	<1220.000	0			
CL	62000.000	147000.000	55500.000	54900.000	4	54900.000	147000.000	79850.000
NIT	1280.000	820.000	1180.000	2710.000	4	820.000	2710.000	1497.500
SO4	129000.000	182000.000	112000.000	109000.000	4	109000.000	182000.000	133000.000
MG	16400.000	25900.000	16000.000	17800.000	4	16000.000	25900.000	19025.000
CA	69700.000	110000.000	70500.000	72000.000	4	69700.000	110000.000	80550.000
K	3450.000	6190.000	3050.000	3440.000	4	3050.000	6190.000	4032.500
NA	70800.000	89000.000	69500.000	69100.000	4	69100.000	89000.000	74600.000
CR	<5.960	8.330	<5.960	6.940	2	6.940	8.330	7.635
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	21.900	1	21.900	21.900	21.900
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.240	0			
ZN	<20.100	<20.100	52.200	61.200	2	52.200	61.200	56.700
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	810.000	900.000	.	.	2	810.000	900.000	855.000
PH	7.600	7.150	.	.	2	7.150	7.600	7.375

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37348

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	16.4 - 42.0	4.0	41.0	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
CKAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	2.430	<1.400	2.200	2	2.200	2.430	2.315
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	1.230	<0.580	2.050	1.260	3	1.230	2.050	1.513
TCLEE	<1.300	2.090	<1.300	1.720	2	1.720	2.090	1.905
FL	1450.000	1580.000	1470.000	1360.000	4	1360.000	1580.000	1465.000
CL	91900.000	83500.000	189000.000	325000.000	4	83500.000	325000.000	172350.000
NTT	2580.000	1950.000	4010.000	7170.000	4	1950.000	7170.000	3927.500
SO4	213000.000	204000.000	334000.000	370000.000	4	204000.000	370000.000	280250.000
MG	22900.000	20000.000	35100.000	46100.000	4	20000.000	46100.000	31025.000
CA	94900.000	110000.000	148000.000	191000.000	4	94900.000	191000.000	135975.000
K	1940.000	3370.000	2430.000	3520.000	4	1940.000	3520.000	2815.000
NA	96800.000	109000.000	124000.000	164000.000	4	96800.000	164000.000	123450.000
CR	<5.960	<5.960	<5.960	15.300	1	15.300	15.300	15.300
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	<20.100	<20.100	34.600	<20.100	1	34.600	34.600	34.600
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	1060.000	720.000	.	.	2	720.000	1060.000	890.000
PH	7.280	7.370	.	.	2	7.280	7.370	7.325

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37351

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.9 - 38.5	4.0	36.0	SS	$WQAQ_2$	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<15.200	0			
DIMP	12.100	15.300	12.400	<10.500	3	12.100	15.300	13.267
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	2.880	<0.580	<1.730	1.600	2	1.600	2.880	2.240
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	1580.000	1590.000	1690.000	1720.000	4	1580.000	1720.000	1645.000
CL	124000.000	<120000.000	128000.000	123000.000	3	123000.000	128000.000	125000.000
NTT	8910.000	9360.000	7890.000	8060.000	4	7890.000	9360.000	8555.000
SO4	189000.000	210000.000	206000.000	194000.000	4	189000.000	210000.000	199750.000
MG	27400.000	33000.000	38000.000	31700.000	4	27400.000	38000.000	32525.000
CA	96700.000	132000.000	139000.000	114000.000	4	96700.000	139000.000	120425.000
K	1590.000	3490.000	1840.000	2500.000	4	1590.000	3490.000	2355.000
NA	125000.000	112000.000	135000.000	120000.000	4	112000.000	135000.000	123000.000
CR	<5.960	<5.960	<5.960	8.330	1	8.330	8.330	8.330
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.240	0			
ZN	<20.100	36.600	<20.100	<20.100	1	36.600	36.600	36.600
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	1170.000	990.000	.	.	2	990.000	1170.000	1080.000
PH	7.140	7.330	.	.	2	7.140	7.330	7.235

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37362

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	34.5 - 45.2	4.0	42.5	SH	1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	1.760	<1.400	1.320	2	1.320	1.760	1.540
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	1670.000	1820.000	1770.000	1760.000	4	1670.000	1820.000	1755.000
CL	240000.000	213000.000	234000.000	231000.000	4	213000.000	240000.000	229500.000
NIT	1770.000	1710.000	1700.000	1760.000	4	1700.000	1770.000	1735.000
SO4	453000.000	456000.000	449000.000	450000.000	4	449000.000	456000.000	452000.000
MG	44600.000	50800.000	53800.000	47400.000	4	44600.000	53800.000	49150.000
CA	135000.000	144000.000	158000.000	147000.000	4	135000.000	158000.000	146000.000
K	2710.000	5050.000	2460.000	3350.000	4	2460.000	5050.000	3392.500
NA	253000.000	278000.000	314000.000	269000.000	4	253000.000	314000.000	278500.000
CR	<11.900	<5.960	<5.960	18.000	1	18.000	18.000	18.000
CD	<5.160	<5.160	<5.160	5.260	1	5.260	5.260	5.260
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.240	0			
ZN	<20.100	65.000	55.100	74.800	3	55.100	74.800	64.967
AS	<3.900	<2.500	<3.070	<3.070	0			
SPCOND	1900.000	1500.000	:	:	2	1500.000	1900.000	1700.000
PH	7.860	7.620	:	:	2	7.620	7.860	7.740

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37363

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	6.9 - 32.2	4.0	32.1	SS	2	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	.	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
CCL4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	4.810	<0.580	9.420	0.661	3	0.661	9.420	4.964
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	<1220.000	<1220.000	0			
CL	93200.000	102000.000	98600.000	86900.000	4	86900.000	102000.000	95175.000
NTT	715.000	2420.000	870.000	<10.000	3	715.000	2420.000	1335.000
SO4	192000.000	180000.000	180000.000	175000.000	4	175000.000	192000.000	181750.000
MG	14200.000	16000.000	23600.000	16200.000	4	14200.000	23600.000	17500.000
CA	51700.000	86600.000	105000.000	72700.000	4	51700.000	105000.000	79000.000
K	3210.000	4780.000	2460.000	2190.000	4	2190.000	4780.000	3160.000
NA	65800.000	89500.000	111000.000	85100.000	4	65800.000	111000.000	87850.000
CR	<11.900	<5.960	<5.960	<5.960	0			
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.240	0			
ZN	<20.100	<20.100	<20.100	<20.100	0			
AS	<3.900	<2.500	<3.070	.	0			
SPCOND	804.000	813.000	.	.	2	804.000	813.000	808.500
PH	7.160	7.250	.	.	2	7.160	7.250	7.205

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37365

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	49.1 - 59.7	4.0	33.5	SH	5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	.	.	<0.070	0			
ALDRN	<0.070	.	.	<0.070	0			
ISODR	<0.060	.	.	<0.060	0			
PPDDE	<0.053	.	.	<0.053	0			
DLDRN	<0.060	.	.	<0.060	0			
ENDRN	<0.052	.	.	<0.052	0			
PPDDT	<0.066	.	.	<0.070	0			
DCPD	<9.310	.	.	<9.310	0			
MIBK	<12.900	.	.	<12.900	0			
DBCP	0.348	.	.	<0.130	1	0.348	0.348	0.348
DMMP	<15.200	.	.	<15.200	0			
DIMP	16.700	.	.	11.500	2	11.500	16.700	14.100
DMDS	<1.800	.	.	<1.800	0			
OXAT	<2.000	.	.	<2.000	0			
DITH	<1.100	.	.	<1.100	0			
CPMS	<1.300	.	.	<1.300	0			
CPMSO	<4.200	.	.	<4.200	0			
CPMSO2	<4.700	.	.	<4.700	0			
C6H6	<1.340	.	.	<1.340	0			
BIZ	.	.	.	<2.000	0			
ETC6H5	<1.280	.	.	<1.280	0			
MEC6H5	<1.210	.	.	<1.210	0			
XYLEN	<2.470	.	.	<2.470	0			
MXYLEN	<1.350	.	.	<1.350	0			
11DCE	<1.100	.	.	<1.100	0			
CH2CL2	5.330	.	.	<5.000	1	5.330	5.330	5.330
T12DCE	<1.200	.	.	<1.200	0			
11DCLE	<1.200	.	.	<1.200	0			
12DCLE	<0.610	.	.	<0.610	0			
CHCL3	6.700	.	.	<1.400	1	6.700	6.700	6.700
CCL4	<2.400	.	.	<2.400	0			
111TCE	<1.700	.	.	<1.700	0			
112TCE	<1.000	.	.	<1.000	0			
TRCLE	4.600	.	.	<1.100	1	4.600	4.600	4.600
CLC6H5	<0.580	.	.	<0.580	0			
TCLEE	<1.300	.	.	<1.300	0			
FL	<1200.000	.	.	<1220.000	0			
CL	53600.000	.	.	45100.000	2	45100.000	53600.000	49350.000
NTT	128.000	.	.	844.000	2	128.000	844.000	486.000
SO4	234000.000	.	.	256000.000	2	234000.000	256000.000	245000.000
MG	3520.000	.	.	4030.000	2	3520.000	4030.000	3775.000
CA	31400.000	.	.	35000.000	2	31400.000	35000.000	33200.000
K	1260.000	.	.	<1260.000	1	1260.000	1260.000	1260.000
NA	188000.000	.	.	277000.000	2	188000.000	277000.000	232500.000
CR	<11.900	.	.	<5.960	0			
CD	<5.160	.	.	<5.160	0			
PB	23.200	.	.	<18.600	1	23.200	23.200	23.200
CU	<7.930	.	.	<7.940	0			
HG	<0.500	.	.	<0.240	0			
ZN	114.000	.	.	<20.100	1	114.000	114.000	114.000
AS	<3.900	.	.	.	0			
SPCOND	1190.000	.	.	.	1	1190.000	1190.000	1190.000
PH	7.870	.	.	.	1	7.870	7.870	7.870

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37367

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	11.5 - 38.4	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIREX	.	.	<12.900	<12.900	0			
DBCP	.	.	2.570	2.100	2	2.100	2.570	2.335
DMMP	.	.	<15.200	<163.000	0			
DIMP	.	.	397.000	486.000	2	397.000	486.000	441.500
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	4.160	3.280	2	3.280	4.160	3.720
CPMSO	.	.	113.000	92.400	2	92.400	113.000	102.700
CPMSO2	.	.	4.310	4.320	2	4.310	4.320	4.315
C6H6	.	.	2.920	<1.920	1	2.920	2.920	2.920
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	127.000	116.000	2	116.000	127.000	121.500
CCLA	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	4.100	3.720	2	3.720	4.100	3.910
CLC6H5	.	.	9.230	<1.360	1	9.230	9.230	9.230
TCLEE	.	.	35.800	30.000	2	30.000	35.800	32.900
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2050.000	1360.000	2	1360.000	2050.000	1705.000
CL	.	.	201000.000	175000.000	2	175000.000	201000.000	188000.000
NTT	.	.	2820.000	2710.000	2	2710.000	2820.000	2765.000
SO4	.	.	578000.000	508000.000	2	508000.000	578000.000	543000.000
MG	.	.	50900.000	50200.000	2	50200.000	50900.000	50550.000
CA	.	.	158000.000	161000.000	2	158000.000	161000.000	159500.000
K	.	.	.	3310.000	1	3310.000	3310.000	3310.000
NA	.	.	265000.000	259000.000	2	259000.000	265000.000	262000.000
CR	.	.	<5.960	22.500	1	22.500	22.500	22.500
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	<20.100	45.900	1	45.900	45.900	45.900
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1520.000	.	1	1520.000	1520.000	1520.000
PH	.	.	7.190	.	1	7.190	7.190	7.190

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37369

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	4.1 - 25.2	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	0.333	0.245	2	0.245	0.333	0.289
ENDRN	.	.	0.428	0.063	2	0.063	0.428	0.245
PPDDT	.	.	<0.059	0.081	1	0.081	0.081	0.081
DCPD	.	.	59.400	48.900	2	48.900	59.400	54.150
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<76.000	<163.000	0			
DIMP	.	.	251.000	287.000	2	251.000	287.000	269.000
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	8.590	7.230	2	7.230	8.590	7.910
CPMSO2	.	.	4.110	4.120	2	4.110	4.120	4.115
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	3.000	<2.070	1	3.000	3.000	3.000
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	8.880	<1.360	1	8.880	8.880	8.880
TCLEE	.	.	8.960	7.890	2	7.890	8.960	8.425
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2690.000	2890.000	2	2690.000	2890.000	2790.000
CL	.	.	210000.000	245000.000	2	210000.000	245000.000	227500.000
SO4	.	.	391000.000	482000.000	2	391000.000	482000.000	436500.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	2810.000	1560.000	2	1560.000	2810.000	2185.000
PH	.	.	7.010	7.370	2	7.010	7.370	7.190

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37370

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ$_1$	DENVER SAND DES.
ALL	4.4 - 25.8	4.0	0.0			

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<76.000	<163.000	0			
DIMP	.	.	278.000	1130.000	2	278.000	1130.000	704.000
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.240	0			
C6H6	.	.	8.430	<1.920	1	8.430	8.430	8.430
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	2.650	<1.310	1	2.650	2.650	2.650
CLC6H5	.	.	27.300	<1.360	1	27.300	27.300	27.300
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2550.000	2810.000	2	2550.000	2810.000	2680.000
CL	.	.	568000.000	518000.000	2	518000.000	568000.000	543000.000
SO4	.	.	899000.000	932000.000	2	899000.000	932000.000	915500.000
AS	.	.	2.720	3.390	2	2.720	3.390	3.055
SPCOND	.	.	2810.000	2080.000	2	2080.000	2810.000	2445.000
PH	.	.	7.010	8.000	2	7.010	8.000	7.505

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37371

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	28.3 - 39.0	4.0	0.0		5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	16.600	1	16.600	16.600	16.600
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<163.000	0			
DIMP	.	.	1100.000	1480.000	2	1100.000	1480.000	1290.000
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	<1.360	<1.360	0			
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2590.000	2740.000	2	2590.000	2740.000	2665.000
CL	.	.	467000.000	429000.000	2	429000.000	467000.000	448000.000
NTT	.	.	838.000	838.000	2	838.000	838.000	838.000
SO4	.	.	700000.000	678000.000	2	678000.000	700000.000	689000.000
MG	.	.	61900.000	61900.000	2	61900.000	61900.000	61900.000
CA	.	.	231000.000	231000.000	2	231000.000	231000.000	231000.000
NA	.	.	428000.000	428000.000	2	428000.000	428000.000	428000.000
CR	.	.	<5.960	<5.960	0			
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
ZN	.	.	<20.100	<20.100	0			
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	2200.000	2270.000	2	2200.000	2270.000	2235.000
PH	.	.	7.290	7.210	2	7.210	7.290	7.250

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37372

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	61.5 - 88.5	0.0	0.0		5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MTBK	.	.	<12.900	<12.900	0			
DBCP	.	.	0.207	<0.130	1	0.207	0.207	0.207
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.240	0			
C6H6	.	.	10.300	<1.920	1	10.300	10.300	10.300
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	2.830	<1.310	1	2.830	2.830	2.830
CLC6H5	.	.	42.400	4.980	2	4.980	42.400	23.690
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2350.000	2530.000	2	2350.000	2530.000	2440.000
CL	.	.	57800.000	59600.000	2	57800.000	59600.000	58700.000
SO4	.	.	370000.000	345000.000	2	345000.000	370000.000	357500.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1010.000	1180.000	2	1010.000	1180.000	1095.000
PH	.	.	8.820	8.770	2	8.770	8.820	8.795

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37373

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	4.3 - 25.7	0.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	0.113	<0.046	1	0.113	0.113	0.113
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	0.110	<0.059	1	0.110	0.110	0.110
DCPD	.	.	430.000	210.000	2	210.000	430.000	320.000
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	.	<163.000	0			
DIMP	.	.	.	2220.000	1	2220.000	2220.000	2220.000
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	5.100	1.760	2	1.760	5.100	3.430
DITH	.	.	19.300	5.290	2	5.290	19.300	12.295
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	4.090	2.220	2	2.220	4.090	3.155
CPMSO2	.	.	16.100	15.100	2	15.100	16.100	15.600
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	18.200	5.170	2	5.170	18.200	11.685
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	3.570	<1.310	1	3.570	3.570	3.570
CLC6H5	.	.	3.560	<1.360	1	3.560	3.560	3.560
TCLEE	.	.	15.700	6.340	2	6.340	15.700	11.020
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2620.000	1520.000	2	1520.000	2620.000	2070.000
CL	.	.	744000.000	271000.000	2	271000.000	744000.000	507500.000
NTT	.	.	59.600	57.100	2	57.100	59.600	58.350
SO4	.	.	921000.000	467000.000	2	467000.000	921000.000	694000.000
MG	.	.	108000.000	50500.000	2	50500.000	108000.000	79250.000
CA	.	.	329000.000	167000.000	2	167000.000	329000.000	248000.000
K	.	.	.	2860.000	1	2860.000	2860.000	2860.000
NA	.	.	589000.000	307000.000	2	307000.000	589000.000	448000.000
CR	.	.	<5.960	21.000	1	21.000	21.000	21.000
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	29.800	24.900	2	24.900	29.800	27.350
AS	.	.	3.650	<2.500	1	3.650	3.650	3.650
SPCOND	.	.	3120.000	.	1	3120.000	3120.000	3120.000
PH	.	.	7.030	.	1	7.030	7.030	7.030

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37374

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	8.7 - 24.9	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<163.000	0			
DIMP	.	.	445.000	472.000	2	445.000	472.000	458.500
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	2.680	3.320	2	2.680	3.320	3.000
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	2.930	3.020	2	2.930	3.020	2.975
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	13.300	21.900	2	13.300	21.900	17.600
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	4170.000	<10000.000	1	4170.000	4170.000	4170.000
CL	.	.	386000.000	716000.000	2	386000.000	716000.000	551000.000
NTT	.	.	938.000	1150.000	2	938.000	1150.000	1044.000
SO4	.	.	2140000.000	2020000.000	2	2020000.000	2140000.000	2080000.000
MG	.	.	160000.000	143000.000	2	143000.000	160000.000	151500.000
CA	.	.	557000.000	527000.000	2	527000.000	557000.000	542000.000
K	.	.	.	1110.000	1	1110.000	1110.000	1110.000
NA	.	.	754000.000	624000.000	2	624000.000	754000.000	689000.000
CR	.	.	<5.960	45.700	1	45.700	45.700	45.700
CD	.	.	<5.160	5.460	1	5.460	5.460	5.460
PB	.	.	<18.600	24.000	1	24.000	24.000	24.000
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	<20.100	28.900	1	28.900	28.900	28.900
AS	.	.	2.790	2.660	2	2.660	2.790	2.725
SPCOND	.	.	4450.000	.	1	4450.000	4450.000	4450.000
PH	.	.	6.730	.	1	6.730	6.730	6.730

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37376

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	40.3 - 51.0	4.0	0.0		5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	3.640	<1.920	1	3.640	3.640	3.640
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	1.380	<1.310	1	1.380	1.380	1.380
CLC6H5	.	.	33.000	<1.360	1	33.000	33.000	33.000
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	<1000.000	<1000.000	0			
CL	.	.	14800.000	15200.000	2	14800.000	15200.000	15000.000
SO4	.	.	192000.000	210000.000	2	192000.000	210000.000	201000.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	520.000	456.000	2	456.000	520.000	488.000
PH	.	.	8.780	9.700	2	8.780	9.700	9.240

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37377

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	22.7 - 38.9	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MTBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	63.100	57.400	2	57.400	63.100	60.250
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	3.070	2.540	2	2.540	3.070	2.805
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	5.800	<1.920	1	5.800	5.800	5.800
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	2.250	<1.880	1	2.250	2.250	2.250
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	1.710	<1.310	1	1.710	1.710	1.710
CLC6H5	.	.	22.700	3.470	2	3.470	22.700	13.085
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2340.000	1850.000	2	1850.000	2340.000	2095.000
CL	.	.	165000.000	161000.000	2	161000.000	165000.000	163000.000
NTT	.	.	697.000	.	1	697.000	697.000	697.000
SO4	.	.	506000.000	477000.000	2	477000.000	506000.000	491500.000
MG	.	.	56900.000	50600.000	2	50600.000	56900.000	53750.000
CA	.	.	151000.000	135000.000	2	135000.000	151000.000	143000.000
K	.	.	.	2810.000	1	2810.000	2810.000	2810.000
NA	.	.	229000.000	208000.000	2	208000.000	229000.000	218500.000
CR	.	.	<5.960	6.460	1	6.460	6.460	6.460
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	19.800	1	19.800	19.800	19.800
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	29.400	45.600	2	29.400	45.600	37.500
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1410.000	.	1	1410.000	1410.000	1410.000
PH	.	.	7.020	.	1	7.020	7.020	7.020

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37378

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	23.8 - 34.7	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	0.073	0.080	2	0.073	0.080	0.076
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	11.600	1	11.600	11.600	11.600
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	3.140	<1.920	1	3.140	3.140	3.140
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	12.600	11.100	2	11.100	12.600	11.850
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	1360.000	1680.000	2	1360.000	1680.000	1520.000
CL	.	.	104000.000	89700.000	2	89700.000	104000.000	96850.000
NIT	.	.	1350.000	1250.000	2	1250.000	1350.000	1300.000
SO4	.	.	327000.000	327000.000	2	327000.000	327000.000	327000.000
MG	.	.	36800.000	36300.000	2	36300.000	36800.000	36550.000
CA	.	.	113000.000	117000.000	2	113000.000	117000.000	115000.000
K	.	.	.	2040.000	1	2040.000	2040.000	2040.000
NA	.	.	173000.000	164000.000	2	164000.000	173000.000	168500.000
CR	.	.	<5.960	15.000	1	15.000	15.000	15.000
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	<20.100	<20.100	0			
AS	.	.	2.680	<2.500	1	2.680	2.680	2.680
SPCOND	.	.	1100.000	.	1	1100.000	1100.000	1100.000
PH	.	.	7.110	.	1	7.110	7.110	7.110

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37379

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	39.3 - 55.5	4.0	0.0		5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	47.100	53.700	2	47.100	53.700	50.400
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	5.760	<1.920	1	5.760	5.760	5.760
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	1.370	<1.310	1	1.370	1.370	1.370
CLC6H5	.	.	17.800	<1.360	1	17.800	17.800	17.800
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	3000.000	2760.000	2	2760.000	3000.000	2880.000
CL	.	.	418000.000	427000.000	2	418000.000	427000.000	422500.000
NTT	.	.	2070.000	1940.000	2	1940.000	2070.000	2005.000
SO4	.	.	1450000.000	1600000.000	2	1450000.000	1600000.000	1525000.000
MG	.	.	41900.000	45100.000	2	41900.000	45100.000	43500.000
CA	.	.	272000.000	251000.000	2	251000.000	272000.000	261500.000
K	.	.	.	2330.000	1	2330.000	2330.000	2330.000
NA	.	.	729000.000	577000.000	2	577000.000	729000.000	653000.000
CR	.	.	<5.960	25.400	1	25.400	25.400	25.400
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	210.000	37.900	2	37.900	210.000	123.950
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	3100.000	.	1	3100.000	3100.000	3100.000
PH	.	.	7.230	.	1	7.230	7.230	7.230

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37380

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	64.3 - 75.0	4.0	0.0		5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	0.191	<0.130	1	0.191	0.191	0.191
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	3.650	<1.920	1	3.650	3.650	3.650
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	15.400	<1.360	1	15.400	15.400	15.400
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2100.000	2680.000	2	2100.000	2680.000	2390.000
CL	.	.	412000.000	384000.000	2	384000.000	412000.000	398000.000
NTT	.	.	.	147.000	1	147.000	147.000	147.000
SO4	.	.	1100000.000	1120000.000	2	1100000.000	1120000.000	1110000.000
MG	.	.	.	6580.000	1	6580.000	6580.000	6580.000
CA	.	.	.	133000.000	1	133000.000	133000.000	133000.000
K	.	.	5580.000	3210.000	2	3210.000	5580.000	4395.000
NA	.	.	.	589000.000	1	589000.000	589000.000	589000.000
CR	.	.	.	12.000	1	12.000	12.000	12.000
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	<0.359	<0.500	0			
ZN	.	.	.	<20.100	0			
AS	.	.	<2.500	<2.500	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37381

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	7.3 - 28.5	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	236.000	1	236.000	236.000	236.000
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	.	<163.000	0			
DIMP	.	.	.	2410.000	1	2410.000	2410.000	2410.000
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	1.830	1	1.830	1.830	1.830
DITH	.	.	<3.340	5.320	1	5.320	5.320	5.320
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	3.640	2.420	2	2.420	3.640	3.030
CPMSO2	.	.	<2.240	13.900	1	13.900	13.900	13.900
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	5.280	1	5.280	5.280	5.280
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	2.680	8.310	2	2.680	8.310	5.495
TCLEE	.	.	<2.760	7.100	1	7.100	7.100	7.100
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	3650.000	2650.000	2	2650.000	3650.000	3150.000
CL	.	.	1060000.000	283000.000	2	283000.000	1060000.000	671500.000
NTT	.	.	.	<10.000	0			
SO4	.	.	1420000.000	503000.000	2	503000.000	1420000.000	961500.000
MG	.	.	148000.000	49100.000	2	49100.000	148000.000	98550.000
CA	.	.	600000.000	162000.000	2	162000.000	600000.000	381000.000
K	.	.	.	2810.000	1	2810.000	2810.000	2810.000
NA	.	.	504000.000	326000.000	2	326000.000	504000.000	415000.000
CR	.	.	52.400	20.200	2	20.200	52.400	36.300
CD	.	.	8.580	<5.160	1	8.580	8.580	8.580
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	40.900	<20.100	1	40.900	40.900	40.900
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	3820.000	.	1	3820.000	3820.000	3820.000
PH	.	.	7.060	.	1	7.060	7.060	7.060

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37382

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	33.6 - 50.0	4.0	0.0		3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	0.273	1	0.273	0.273	0.273
ENDRN	.	.	.	<0.060	0			
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	<10.100	0			
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<1.590	0			
CPMS	.	.	.	<1.080	0			
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	.	<2.240	0			
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	16.600	1	16.600	16.600	16.600
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	1.870	1	1.870	1.870	1.870
TCLEE	.	.	.	<2.760	0			
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	2340.000	1	2340.000	2340.000	2340.000
CL	.	.	.	281000.000	1	281000.000	281000.000	281000.000
SO4	.	.	.	180000.000	1	180000.000	180000.000	180000.000
AS	.	.	.	<2.500	0			
SPCOND	.	.	.	1780.000	1	1780.000	1780.000	1780.000
PH	.	.	.	7.200	1	7.200	7.200	7.200

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37383

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	17.6 - 39.0	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	51.300	61.900	2	51.300	61.900	56.600
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	3.170	<1.920	1	3.170	3.170	3.170
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	11.400	<1.360	1	11.400	11.400	11.400
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	1580.000	939.000	2	939.000	1580.000	1259.500
CL	.	.	131000.000	112000.000	2	112000.000	131000.000	121500.000
NTT	.	.	2280.000	2170.000	2	2170.000	2280.000	2225.000
SO4	.	.	570000.000	505000.000	2	505000.000	570000.000	537500.000
MG	.	.	49900.000	45000.000	2	45000.000	49900.000	47450.000
CA	.	.	162000.000	154000.000	2	154000.000	162000.000	158000.000
K	.	.	.	2960.000	1	2960.000	2960.000	2960.000
NA	.	.	233000.000	218000.000	2	218000.000	233000.000	225500.000
CR	.	.	<5.960	17.200	1	17.200	17.200	17.200
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
HG	.	.	.	<0.500	0			
ZN	.	.	<20.100	66.900	1	66.900	66.900	66.900
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1410.000	.	1	1410.000	1410.000	1410.000
PH	.	.	7.480	.	1	7.480	7.480	7.480

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37386

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	39.5 - 50.4	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDDE	.	.	.	<0.046	0			
DLDRN	.	.	.	0.472	1	0.472	0.472	0.472
ENDRN	.	.	.	0.067	1	0.067	0.067	0.067
PPDDT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	12.000	1	12.000	12.000	12.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<1.590	0			
CPMS	.	.	.	<1.080	0			
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	.	<2.240	0			
C6H6	.	.	.	3.980	1	3.980	3.980	3.980
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCLE	.	.	.	<1.930	0			
12DCLE	.	.	.	<2.070	0			
CHCL3	.	.	.	10.500	1	10.500	10.500	10.500
CCL4	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	6.990	1	6.990	6.990	6.990
TCLEE	.	.	.	<2.760	0			
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	3570.000	1	3570.000	3570.000	3570.000
CL	.	.	.	502000.000	1	502000.000	502000.000	502000.000
SO4	.	.	.	300000.000	1	300000.000	300000.000	300000.000
AS	.	.	.	4.380	1	4.380	4.380	4.380
SPCOND	.	.	.	2790.000	1	2790.000	2790.000	2790.000
PH	.	.	.	7.320	1	7.320	7.320	7.320

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37387

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	36.8 - 42.6	4.0	0.0		5	2 + 3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	0.779	<0.130	1	0.779	0.779	0.779
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	73.800	<1.920	1	73.800	73.800	73.800
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	1.320	<0.620	1	1.320	1.320	1.320
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	3.600	<1.340	1	3.600	3.600	3.600
MXYLEN	.	.	1.370	<1.040	1	1.370	1.370	1.370
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	8.620	<1.880	1	8.620	8.620	8.620
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	8.680	<1.310	1	8.680	8.680	8.680
CLC6H5	.	.	74.700	<1.360	1	74.700	74.700	74.700
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	3220.000	4820.000	2	3220.000	4820.000	4020.000
CL	.	.	303000.000	287000.000	2	287000.000	303000.000	295000.000
NTT	.	.	17200.000	17200.000	2	17200.000	17200.000	17200.000
SO4	.	.	2350000.000	2260000.000	2	2260000.000	2350000.000	2305000.000
MG	.	.	35600.000	35600.000	2	35600.000	35600.000	35600.000
CA	.	.	206000.000	206000.000	2	206000.000	206000.000	206000.000
NA	.	.	1170000.000	1170000.000	2	1170000.000	1170000.000	1170000.000
CR	.	.	8.140	8.140	2	8.140	8.140	8.140
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
ZN	.	.	<20.100	<20.100	0			
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	4020.000	4980.000	2	4020.000	4980.000	4500.000
PH	.	.	9.500	11.900	2	9.500	11.900	10.700

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37388

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	69.8 - 86.0	4.0	0.0		5	4

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	<15.200	<16.300	0			
DIMP	.	.	<10.500	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.240	0			
C6H6	.	.	10.100	<1.920	1	10.100	10.100	10.100
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	1.830	<1.310	1	1.830	1.830	1.830
CLC6H5	.	.	32.800	2.070	2	2.070	32.800	17.435
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2650.000	3700.000	2	2650.000	3700.000	3175.000
CL	.	.	403000.000	383000.000	2	383000.000	403000.000	393000.000
SO4	.	.	1580000.000	1480000.000	2	1480000.000	1580000.000	1530000.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	3240.000	4010.000	2	3240.000	4010.000	3625.000
PH	.	.	9.000	9.750	2	9.000	9.750	9.375

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37389

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	8.4 - 35.2	4.0	0.0		3	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	0.411	1	0.411	0.411	0.411
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	0.400	0.560	2	0.400	0.560	0.480
DMMP	.	.	<15.200	<163.000	0			
DIMP	.	.	343.000	912.000	2	343.000	912.000	627.500
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	9.520	13.700	2	9.520	13.700	11.610
CPMSO2	.	.	5.490	8.860	2	5.490	8.860	7.175
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	56.500	23.700	2	23.700	56.500	40.100
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	2.740	1.720	2	1.720	2.740	2.230
TCLEE	.	.	28.500	28.100	2	28.100	28.500	28.300
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2190.000	2810.000	2	2190.000	2810.000	2500.000
CL	.	.	217000.000	204000.000	2	204000.000	217000.000	210500.000
NTT	.	.	163.000	163.000	2	163.000	163.000	163.000
SO4	.	.	405000.000	412000.000	2	405000.000	412000.000	408500.000
MG	.	.	53800.000	53800.000	2	53800.000	53800.000	53800.000
CA	.	.	141000.000	141000.000	2	141000.000	141000.000	141000.000
NA	.	.	219000.000	219000.000	2	219000.000	219000.000	219000.000
CR	.	.	<5.960	<5.960	0			
CD	.	.	<5.160	<5.160	0			
PB	.	.	<18.600	<18.600	0			
CU	.	.	<7.940	<7.940	0			
ZN	.	.	21.200	21.200	2	21.200	21.200	21.200
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	1480.000	1850.000	2	1480.000	1850.000	1665.000
PH	.	.	7.230	7.030	2	7.030	7.230	7.130

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37390

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
DEN	40.1 - 46.0	4.0	0.0		5	3

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	<10.100	0			
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.240	<2.240	0			
C6H6	.	.	8.500	<1.920	1	8.500	8.500	8.500
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	23.700	3.500	2	3.500	23.700	13.600
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	<1000.000	958.000	1	958.000	958.000	958.000
CL	.	.	55700.000	72500.000	2	55700.000	72500.000	64100.000
SO4	.	.	242000.000	251000.000	2	242000.000	251000.000	246500.000
AS	.	.	<2.500	<2.500	0			
SPCOND	.	.	700.000	939.000	2	700.000	939.000	819.500
PH	.	.	8.640	8.080	2	8.080	8.640	8.360

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37391

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	19.7 - 41.1	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	<0.054	0.064	1	0.064	0.064	0.064
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	0.148	1	0.148	0.148	0.148
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	4.690	4.370	2	4.370	4.690	4.530
DMMP	.	.	<16.300	<163.000	0			
DIMP	.	.	> 2030.000	2010.000	2	2010.000	2030.000	2020.000
DMDS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	3.260	2.500	2	2.500	3.260	2.880
CPMSO	.	.	148.000	135.000	2	135.000	148.000	141.500
CPMSO2	.	.	5.920	5.280	2	5.280	5.920	5.600
C6H6	.	.	<1.920	<1.920	0			
BTZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	2.260	2.550	2	2.260	2.550	2.405
CHCL3	.	.	79.300	92.900	2	79.300	92.900	86.100
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	2.200	1.940	2	1.940	2.200	2.070
CLC6H5	.	.	<1.360	<1.360	0			
TCLEE	.	.	92.000	56.000	2	56.000	92.000	74.000
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	2070.000	3350.000	2	2070.000	3350.000	2710.000
CL	.	.	390000.000	494000.000	2	390000.000	494000.000	442000.000
NTT	.	.	.	2540.000	1	2540.000	2540.000	2540.000
SO4	.	.	174000.000	660000.000	2	174000.000	660000.000	417000.000
MG	.	.	.	67200.000	1	67200.000	67200.000	67200.000
CA	.	.	.	220000.000	1	220000.000	220000.000	220000.000
K	.	.	4840.000	4680.000	2	4680.000	4840.000	4760.000
NA	.	.	.	427000.000	1	427000.000	427000.000	427000.000
CR	.	.	.	26.900	1	26.900	26.900	26.900
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	<0.500	<0.500	0			
ZN	.	.	.	21.900	1	21.900	21.900	21.900
AS	.	.	3.320	<2.500	1	3.320	3.320	3.320

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37392

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	13.2 - 29.4	4.0	0.0		1	

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.203	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDRN	.	.	0.095	<0.054	1	0.095	0.095	0.095
ENDRN	.	.	0.234	<0.060	1	0.234	0.234	0.234
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MIBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.13)	<0.130	0			
DMMP	.	.	<16.300	<16.300	0			
DIMP	.	.	29.000	15.000	2	15.000	29.000	22.000
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	1.250	<3.340	1	1.250	1.250	1.250
CPMS	.	.	0.675	<1.080	1	0.675	0.675	0.675
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	4.490	<2.240	1	4.490	4.490	4.490
C6H6	.	.	15.100	<1.920	1	15.100	15.100	15.100
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	1.420	<0.620	1	1.420	1.420	1.420
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	1.940	<1.340	1	1.940	1.940	1.940
MXYLEN	.	.	1.140	<1.040	1	1.140	1.140	1.140
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	115.000	<1.880	1	115.000	115.000	115.000
CCL4	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	<1.310	<1.310	0			
CLC6H5	.	.	8.410	<1.360	1	8.410	8.410	8.410
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
FL	.	.	1980.000	1690.000	2	1690.000	1980.000	1835.000
CL	.	.	112000.000	118000.000	2	112000.000	118000.000	115000.000
NTT	.	.	.	806.000	1	806.000	806.000	806.000
SO4	.	.	427000.000	444000.000	2	427000.000	444000.000	435500.000
MG	.	.	.	47900.000	1	47900.000	47900.000	47900.000
CA	.	.	.	141000.000	1	141000.000	141000.000	141000.000
K	.	.	2910.000	.	1	2910.000	2910.000	2910.000
NA	.	.	.	229000.000	1	229000.000	229000.000	229000.000
CR	.	.	.	19.500	1	19.500	19.500	19.500
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	<7.940	0			
HG	.	.	<0.500	<0.500	0			
ZN	.	.	.	<20.100	0			
AS	.	.	.	<2.500	0			

APPENDIX A.5
FIELD QA/QC DATA

TASK 25 FY87 FIELD QUARTER REPORT

STORET CODE:				34506	34511	34496	34501	34531	98563	98564	39330	1002	34030	81512	32102	39350	98555	34301
METHOD CODE:				TT8	TT8	TT8	TT8	TT8	PP8A	PP8A	MM8A	VV8	SS8	PP8A	TT8	MM8A	MM8	TT8
PARAMETER:				111TCE	112TCE	11DCLE	11DCE	12DCLE	1,4-DITH	1,4-OXAT	ALDRIN	ARSENIC	BENZENE	BTZ	CCL4	CHLORDANE	CL	CLC6H5
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	UG/L
LD.GRP.	#	SAMPLE ID	DATE	TIME														
T25FQ2	1	22005	12/12/86	13:52	MISS_HT	MISS_HT	MISS_HT	MISS_HT	MISS_HT	<1.60	<1.40	<0.088	<2.50	MISS_HT	NRQ	MISS_HT	<0.234	303000	MISS_HT
T25FQ2	2	22031	12/16/86	09:48	<1.10	<1.60	<1.90	NA	<2.10	<1.60	<1.40	<0.088	<2.50	<1.92	NRQ	<1.70	<0.234	346000	<1.40
T25FQ2	3	24120	12/17/86	09:15	<1.10	<1.60	<1.90	NA	<2.10	<1.60	<1.40	<0.090	NO FRACT	<1.92	NRQ	<1.70	<0.234	98900	<1.40
T25FQ2	4	23046	12/19/86	14:37	<1.10	<1.60	<1.90	NA	<2.10	<1.60	<1.40	<0.088	10.9	<1.92	NRQ	<1.70	<0.234	346000	<1.40
T25FQ2	5	23202	12/31/86	09:33	<1.10	<1.60	<1.90	NA	<2.10	<1.60	<1.40	<0.088	<2.50	<1.92	NRQ	<1.70	<0.234	415000	<1.40
T25FQ2	6	24182	01/02/87	12:23	<1.10	<1.60	<1.90	<1.80	<2.10	<1.60	<1.40	<0.088	<2.50	<1.92	NRQ	<1.70	<0.234	108000	<1.40
T25FQ2	7	24166	01/07/87	11:15	<1.10	<1.60	<1.90	<1.80	<2.10	<1.60	<1.40	<0.090	<2.50	<1.92	NRQ	<1.70	<0.234	201000	<1.40
T25FQ2	8	24027	01/14/87	10:22	MISS_HT	MISS_HT	MISS_HT	MISS_HT	MISS_HT	<1.60	<1.40	<0.180	<2.50	MISS_HT	NRQ	MISS_HT	<0.468	87400	MISS_HT
T25FQ2	9	23179	01/14/87	13:01	MISS_HT	MISS_HT	MISS_HT	MISS_HT	MISS_HT	297	21.6	<0.900	22.6	MISS_HT	NRQ	MISS_HT	<2.34	2600000	MISS_HT
T25FQ2	10	37368	01/14/87	14:45	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25FQ2	11	37367	01/14/87	12:17	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25FQ2	21	RMB 1	12/15/86	14:35	MISS_HT	MISS_HT	MISS_HT	MISS_HT	MISS_HT	<1.60	<1.40	<0.088	<2.50	MISS_HT	NRQ	MISS_HT	<0.234	<1590	MISS_HT
T25FQ2	22	RMB 2	12/31/86	11:30	<1.10	<1.60	<1.90	NA	<2.10	<1.60	<1.40	<0.088	<2.50	<1.92	NRQ	<1.70	<0.234	<1590	<1.40
T25FQ2	23	RMB 3	01/02/87	13:07	<1.10	<1.60	<1.90	<1.80	<2.10	<1.60	<1.40	<0.088	<2.50	<1.92	NRQ	<1.70	<0.234	<1590	<1.40
T25FQ3	1	23204	03/17/87	13:34	<1.09	<1.63	<1.93	<1.85	3.80	NRQ	NRQ	<0.415	<2.50	<1.92	NRQ	<1.69	<0.760	227000	<1.36
T25FQ3	2	23009	03/18/87	14:15	<1.09	<1.63	<1.93	<1.85	4.01	NRQ	NRQ	<0.249	<2.50	<1.92	NRQ	<1.69	<0.456	251000	<1.36
T25FQ3	3	23140	03/23/87	14:51	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25FQ3	4	24108	03/25/87	08:43	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	0.012	<1.92	NRQ	<1.69	<0.152	212000	<1.36
T25FQ3	5	23085	04/13/87	12:52	<1.09	<1.63	<1.93	<1.85	<2.07	12.9	3.81	<0.083	4.47	MISSED	<1.1	<1.69	<0.152	314000	<1.36
T25FQ3	6	24185	03/30/87	10:06	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	82400	<1.36
T25FQ3	7	27071	03/31/87	07:44	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	185000	<1.36
T25FQ3	8	24168	04/01/87	14:54	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	45500	2.03
T25FQ3	9	22008	04/02/87	09:15	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	8.08	<1.92	<1.1	<1.69	<0.152	705000	<1.36
T25FQ3	10	24171	04/03/87	09:44	<5.45	<8.15	<9.65	<9.25	<10.4	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<8.45	<0.152	29700	<6.80
T25FQ3	16	RMBLK	04/01/87	14:38	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ3	20	RMBLK	03/30/87	08:32	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	24300	<1.36
T25FQ3	26	ORGBLK	04/01/87	09:15	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ4	1	37323	06/19/87	09:31	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	<2.50	<1.92	NRQ	<1.69	<0.152	254000	<1.36
T25FQ4	2	22065	06/22/87	11:51	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	<2.50	<1.92	NRQ	<1.69	<0.152	344000	<1.36
T25FQ4	3	22008	06/24/87	11:12	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	8.94	<1.92	NRQ	<1.69	<0.152	832000	<1.36
T25FQ4	4	23118	06/26/87	09:42	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	3.36	<1.92	<1.1	<1.69	<0.152	233000	<1.36
T25FQ4	5	23211	06/29/87	09:28	NA	NA	NA	NA	NA	<3.34	2.04	<0.083	4.30	<1.92	<1.1	NA	<0.152	340000	NA
T25FQ4	6	27064	07/01/87	11:35	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	261000	<1.36
T25FQ4	7	24174	07/07/87	10:45	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	15600	9.29
T25FQ4	8	24180	07/09/87	08:32	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	4.90	<0.152	228000	<1.36
T25FQ4	14	RMBLK	06/22/87	15:00	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ4	15	RMBLK	06/26/87	13:28	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ4	16	RMBLK	07/08/87	12:46	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ4	24	ORGBLK	06/29/87	12:09	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	3.48	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ4	25	ORGBLK	07/08/87	13:37	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.50	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25FQ5	1	23201	08/27/87	09:12	<1.09	<1.63	<1.93	<1.85	<2.07	<3.04	<1.40	<0.083	<2.52	4.09	<1.2	<1.69	<0.152	97000	12.9
T25FQ5	2	37334	08/31/87	09:09	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	77100	2.50
T25FQ5	3	23033	09/01/87	12:47	<1.09	<1.63	<1.93	<1.85	<2.07	31.6	6.58	<0.083	3.41	<1.92	<1.1	<1.69	<0.152	1380000	<1.36
T25FQ5	4	22065	09/08/87	14:20	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	<2.52	<1.92	NRQ	<1.69	<0.152	306000	<1.36
T25FQ5	5	22019	09/09/87	08:27	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	<2.52	<1.92	NRQ	<1.69	<0.152	333000	<1.36
T25FQ5	6	37337	09/10/87	10:49	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	64700	2.97
T25FQ5	7	27024	09/14/87	07:57	<1.09	<1.63	<1.93	<1.85	2.95	NRQ	NRQ	<0.083	14.6	<1.92	NRQ	<1.69	<0.152	761000	<1.36
T25FQ5	8	24101	09/15/87	09:59	1.27	<1.63	<1.93	<1.85	4.17	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	3.64	<0.152	282000	<1.36
T25FQ5	9	27073	09/16/87	08:01	<1.09	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	<2.52	3.51	NRQ	<1.69	<0.152	326000	<1.36
T25FQ5	10	23208	09/17/87	09:13	<1.09	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	4.00	4.53	<1.1	<1.69	<0.152	355000	13.6

TASK 25 FY87 FIELD QUARTER REPORT

STORET CODE:					32106	99133	39320	39300	77985	39380	81580	98551	98552	39390	34371	98556	34386	39430	98553
METHOD CODE:					TTB	Q8	MMBA	MMBA	R8	MMBA	PPBA	QQ8	QQ8	MMBA	SSB	MMB	MMBA	MMBA	SSB
PARAMETER:					CHCL3	DBCP	P,P'-DDE	P,P'-DDT	DCPD	DIELDRIN	DMDS	DIMP	DMMP	ENDRIN	ETHYLBENZ	FL	HCCPD	ISODRIN	M-XYL
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	UG/L
LO.GRP.	#	SAMPLE ID	DATE	TIME															
T25FQ2	1	22005	12/12/86	13:52	MISS_MT	<0.130	<0.071	<0.066	<9.31	0.054	<1.70	<10.5	<15.2	<0.063	MISS_MT	1620	<0.147	<0.072	MISS_MT
T25FQ2	2	22031	12/16/86	09:48	<1.90	<0.130	<0.071	<0.066	<9.31	<0.054	<1.70	<10.5	<15.2	<0.063	<0.62	<1000	<0.147	<0.072	<1.04
T25FQ2	3	24120	12/17/86	09:15	<1.90	<0.130	<0.071	<0.070	<9.31	0.170	<1.70	<10.5	<15.2	<0.063	<0.62	<10000	<0.150	<0.072	<1.04
T25FQ2	4	24056	12/19/86	14:37	51.1	<0.130	<0.071	<0.066	<9.31	0.325	<1.70	<10.5	<15.2	<0.063	<0.62	1410	<0.147	<0.072	<1.04
T25FQ2	5	23202	12/31/86	09:33	7.99	<0.130	<0.071	<0.066	<9.31	<0.054	<1.70	222	<15.2	<0.063	<0.62	<1000	<0.147	<0.072	<1.04
T25FQ2	6	24182	01/02/87	12:23	<1.90	1.26	<0.071	<0.066	<9.31	0.346	<1.70	27.1	<15.2	0.069	<0.62	1030	<0.147	0.139	<1.04
T25FQ2	7	24166	01/07/87	11:15	<1.90	<0.130	<0.071	<0.070	<9.31	0.127	<1.70	<10.5	<15.2	<0.063	<0.62	1820	<0.150	<0.072	<1.04
T25FQ2	8	24027	01/14/87	10:22	MISS_MT	<0.130	<0.142	<0.140	<9.31	<0.108	<1.70	66.3	<15.2	<0.126	MISS_MT	1970	<0.300	<0.144	MISS_MT
T25FQ2	9	23179	01/14/87	13:01	MISS_MT	1.95	<0.710	<0.700	616	<0.540	<1.70	5.42	<15.2	<0.630	MISS_MT	<1000	1.92	<0.720	MISS_MT
T25FQ2	10	37368	01/14/87	14:45	NRQ	0.888	NRQ	NRQ	NRQ	NRQ	NRQ	61.2	<15.2	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25FQ2	11	37367	01/14/87	12:17	NRQ	3.68	NRQ	NRQ	NRQ	NRQ	NRQ	465	<15.2	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25FQ2	21	RMB 1	12/15/86	14:35	MISS_MT	<0.130	<0.071	<0.066	<9.31	<0.054	<1.70	<10.5	<15.2	<0.063	MISS_MT	<1000	<0.147	<0.072	MISS_MT
T25FQ2	22	RMB 2	12/31/86	11:30	<1.90	<0.130	<0.071	<0.066	<9.31	<0.054	<1.70	<10.5	<15.2	<0.063	<0.62	<1000	<0.147	<0.072	<1.04
T25FQ2	23	RMB 3	01/02/87	13:07	<1.90	<0.130	<0.071	<0.066	<9.31	0.104	<1.70	<10.5	<15.2	<0.063	<0.62	<1000	<0.147	<0.072	<1.04
T25FQ3	1	23204	03/17/87	13:34	37.3	1.82	<0.230	<0.295	46.7	<0.270	NRQ	359	<15.2	<0.300	<0.62	<1000	<0.415	<0.280	<1.04
T25FQ3	2	23009	03/18/87	14:15	<1.88	<0.130	<0.138	<0.177	11.1	0.763	NRQ	667	<15.2	<0.180	<0.62	3470	<0.249	<0.168	<1.04
T25FQ3	3	23140	03/23/87	14:51	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	284	<15.2	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25FQ3	4	24108	03/25/87	08:43	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	NRQ	<10.5	<15.2	<0.060	<0.62	<10000	<0.083	<0.056	<1.04
T25FQ3	5	23085	04/13/87	12:52	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	59.9	<15.2	<0.060	MISSED	3610	<0.083	<0.056	MISSED
T25FQ3	6	24185	03/30/87	10:06	<1.88	<0.130	<0.046	<0.059	<9.31	0.316	<1.16	<10.5	<15.2	<0.060	<0.62	950	<0.083	<0.056	<1.04
T25FQ3	7	27071	03/31/87	07:44	42.5	<0.130	<0.046	<0.059	<9.31	0.210	<1.16	<10.5	<15.2	<0.060	<0.62	924	<0.083	<0.056	<1.04
T25FQ3	8	24168	04/01/87	14:54	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ3	9	22008	04/02/87	09:15	43.0	0.264	<0.288	<0.059	<9.31	0.920	<1.16	28.2	<15.2	<0.060	<0.62	<10000	<0.083	<0.056	<1.04
T25FQ3	10	24171	04/03/87	09:44	>609	<0.130	<0.288	<0.059	<9.31	0.062	<1.16	<10.5	<15.2	<0.060	<0.62	1940	<0.083	<0.056	<1.04
T25FQ3	16	RMBLK	04/01/87	14:38	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ3	20	RMBLK	03/30/87	08:32	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ3	26	ORGBLK	04/01/87	09:15	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ4	1	37323	06/19/87	09:31	37.7	<0.130	<0.046	<0.059	<9.31	<0.054	NRQ	15.8	<15.2	<0.060	<0.62	2420	<0.083	<0.056	<1.04
T25FQ4	2	22065	06/22/87	11:51	12.9	<0.130	<0.046	<0.059	<9.31	<0.054	NRQ	<10.5	<15.2	<0.060	<0.62	1760	<0.083	<0.056	<1.04
T25FQ4	3	22008	06/24/87	11:12	15.7	0.340	<0.046	<0.059	<9.31	0.669	NRQ	53.8	<15.2	0.300	<0.62	2680	<0.083	<0.056	<1.04
T25FQ4	4	23118	06/26/87	09:42	<1.88	<0.130	<0.046	<0.059	<9.31	0.213	<1.16	593	<152	0.097	<0.62	4920	<0.083	<0.056	<1.04
T25FQ4	5	23211	06/29/87	09:28	NA	<0.130	<0.046	<0.059	NA	0.462	<1.16	<10.5	<15.2	<0.060	<0.62	4100	<0.083	<0.056	<1.04
T25FQ4	6	27064	07/01/87	11:35	26.1	<0.130	<0.046	<0.059	<9.31	0.837	<1.16	<10.5	<15.2	<0.060	<0.62	1720	<0.083	<0.056	<1.04
T25FQ4	7	24174	07/07/87	10:45	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ4	8	24180	07/09/87	08:32	404	3.02	<0.046	<0.059	<9.31	0.266	<1.16	228	<30.4	0.381	<0.62	2850	<0.083	<0.056	<1.04
T25FQ4	14	RMBLK	06/22/87	15:00	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ4	15	RMBLK	06/26/87	13:28	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ4	16	RMBLK	07/08/87	12:46	<1.88	<0.130	<0.046	<0.059	<9.31	0.199	<1.16	<10.5	<15.2	0.142	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ4	24	ORGBLK	06/29/87	12:09	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ4	25	ORGBLK	07/08/87	13:37	<1.88	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.5	<15.2	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ5	1	23201	08/27/87	09:12	23.8	<0.130	<0.046	<0.059	<9.31	<0.054	<1.14	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ5	2	37334	08/31/87	09:09	<1.88	<0.130	<0.046	<0.059	<9.31	0.139	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQ5	3	23033	09/01/87	12:47	<1.88	<0.130	<0.046	<0.059	<9.31	0.291	<1.16	984	<163	<0.060	<0.62	3940	<0.083	<0.056	<1.04
T25FQ5	4	22065	09/08/87	14:20	18.0	<0.130	<0.046	<0.059	<9.31	<0.054	NRQ	<10.1	<16.3	<0.060	<0.62	1520	<0.083	<0.056	<1.04
T25FQ5	5	22019	09/09/87	08:27	13.7	<0.130	<0.046	<0.059	<9.31	<0.054	NRQ	<10.1	<16.3	<0.060	<0.62	1610	<0.083	<0.056	<1.04
T25FQ5	6	37337	09/10/87	10:49	<1.88	<0.130	<0.046	<0.059	<9.31	0.074	<1.16	<10.1	<16.3	<0.060	<0.62	1300	<0.083	<0.056	<1.04
T25FQ5	7	27024	09/14/87	07:57	<1.88	0.331	<0.046	<0.059	<9.31	0.173	NRQ	14.6	<16.3	<0.060	<0.62	2840	<0.083	<0.056	<1.04
T25FQ5	8	24101	09/15/87	09:59	860	7.09	<0.046	<0.059	48.3	1.14	<1.16	383	<163	0.888	<0.62	2620	<0.083	<0.056	<1.04
T25FQ5	9	27073	09/16/87	08:01	45.9	<0.130	<0.046	<0.059	<9.31	0.106	NRQ	<10.1	<16.3	<0.060	<0.62	1310	<0.083	<0.056	<1.04
T25FQ5	10	23208	09/17/87	09:13	17.5	<0.130	<0.046	<0.059	<9.31	0.061	<1.16	<10.1	<16.3	<0.060	<0.62	4290	<0.083	<0.056	<1.04

TASK 25 FY87 FIELD QUARTER REPORT

STORET CODE:					81596	34423	98554	98562	98563	98561	400	99758	94	98581	34546	34475	34010	39180
METHOD CODE:					R8	TT8	SS8	PP8A	PP8A	PP8A	0	0	0	MM8	TT8	TT8	SS8	TT8
PARAMETER:					RMBK	METHYLCL	O&P-XYL	CPMS	CPMSO2	CPMSO	FIELD PH	DEPTH	SP COND	SO4	T12DCE	TCLEE	TOLUEN	TRCLE
UNITS:					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	STD UNITS	CM	UMHOS/CM	UG/L	UG/L	UG/L	UG/L	UG/L
FLD GRP.	#	SAMPLE ID	DATE	TIME														
T25F02	1	22005	12/12/86	13:52	<12.9	MISS_HT	MISS_HT	<1.00	<2.60	<3.20	7.70	1330	1310	177000	MISS_HT	MISS_HT	MISS_HT	MISS_HT
T25F02	2	22031	12/16/86	09:48	<12.9	NA	<1.34	<1.00	<2.60	5.10	8.77	2830	1800	428000	<1.8	<2.8	<2.10	<1.3
T25F02	3	24120	12/17/86	09:15	<12.9	NA	<1.34	<1.00	<2.60	3.81	7.34	2810	1800	376000	<1.8	<2.8	<2.10	<1.3
T25F02	4	27066	12/19/86	14:37	<12.9	NA	<1.34	<1.00	<2.60	<3.20	7.54	1170	1300	163000	<1.8	<2.8	<2.10	<1.3
T25F02	5	23202	12/31/86	09:33	<12.9	NA	<1.34	<1.00	<2.60	4.66	7.36	674	3010	1140000	<1.8	<2.8	<2.10	<1.3
T25F02	6	24182	01/02/87	12:23	<12.9	<2.50	<1.34	<1.00	8.94	<3.20	7.30	445	1040	278000	<1.8	<2.8	<2.10	<1.3
T25F02	7	24166	01/07/87	11:15	<12.9	<2.50	<1.34	<1.00	<2.60	<3.20	7.15	565	1430	411000	<1.8	<2.8	<2.10	<1.3
T25F02	8	24027	01/14/87	10:22	<12.9	MISS_HT	MISS_HT	<1.00	<2.60	<3.20	7.70	975	1250	443000	MISS_HT	MISS_HT	MISS_HT	MISS_HT
T25F02	9	23179	01/14/87	13:01	<12.9	MISS_HT	MISS_HT	152	846	23.1	7.40	1370	10200	1050000	MISS_HT	MISS_HT	MISS_HT	MISS_HT
T25F02	10	37368	01/14/87	14:45	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	0.0	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
T25F02	11	37367	01/14/87	12:17	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	X	X	X	NRQ	NRQ	NRQ	NRQ	NRQ
T25F02	21	RMB 1	12/15/86	14:35	<12.9	MISS_HT	MISS_HT	<1.00	<2.60	<3.20	NRQ	0.0	NRQ	<5000	MISS_HT	MISS_HT	MISS_HT	MISS_HT
T25F02	22	RMB 2	12/31/86	11:30	<12.9	NA	<1.34	<1.00	<2.60	<3.20	NRQ		NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F02	23	RMB 3	01/02/87	13:07	<12.9	8.96	<1.34	<1.00	<2.60	<3.20	NRQ		NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F03	1	23204	03/17/87	13:34	<12.9	NA	<1.34	NRQ	NRQ	NRQ	5.87	555	2200	1260000	<1.8	52	<2.10	1.7
T25F03	2	23009	03/18/87	14:15	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.62	518	1200	233000	<1.8	<2.8	<2.10	<1.3
T25F03	3	23140	03/23/87	14:51	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	6.90	1620	1850	NRQ	NRQ	NRQ	NRQ	NRQ
T25F03	4	24108	03/25/87	08:43	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.71	1050	2200	1090000	<1.8	<2.8	<2.10	<1.3
T25F03	5	23085	04/13/87	12:52	<12.9	NA	MISSED	<1.08	11.5	<1.98	7.60	683	1350	196000	<1.8	<2.8	MISSED	<1.3
T25F03	6	24185	03/30/87	10:06	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.46	411	950	261000	<1.8	<2.8	<2.10	<1.3
T25F03	7	27071	03/31/87	07:44	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.50	1430	880	88600	<1.8	<2.8	<2.10	<1.3
T25F03	8	24168	04/01/87	14:54	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	9.91	3020	880	408000	<1.8	<2.8	<2.10	<1.3
T25F03	9	22008	04/02/87	09:15	<12.9	<2.48	<1.34	<1.08	<2.24	3.88	7.37	1260	2320	218000	<1.8	<2.8	<2.10	3.2
T25F03	10	24171	04/03/87	09:44	<12.9	NA	<1.34	<1.08	<2.24	<1.98	12.0	4080	700	129000	<8.8	<14	<2.10	<6.6
T25F03	16	RMBLK	04/01/87	14:38	<12.9	3.21	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25F03	20	RMBLK	03/30/87	08:32	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		33400	<1.8	<2.8	<2.10	<1.3
T25F03	26	ORGBLK	04/01/87	09:15	<12.9	5.01	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25F04	1	37323	06/19/87	09:31	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.49	722	2280	1050000	<1.8	<2.8	<2.10	<1.3
T25F04	2	22065	06/22/87	11:51	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.58	1570	1480	172000	<1.8	<2.8	<2.10	<1.3
T25F04	3	22008	06/24/87	11:12	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.25	1470	2580	408000	<1.8	<2.8	<2.10	2.4
T25F04	4	23118	06/26/87	09:42	<12.9	<2.48	<1.34	<1.08	12.1	<1.98	7.71	474	1450	294000	<1.8	<2.8	<2.10	<1.3
T25F04	5	23211	06/29/87	09:28	NA	NA	<1.34	<1.08	<2.24	<1.98	7.50	855	1480	261000	NA	NA	<2.10	NA
T25F04	6	27064	07/01/87	11:35	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.43	1410	1400	193000	<1.8	<2.8	<2.10	<1.3
T25F04	7	24174	07/07/87	10:45	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	8.32	1890	630	275000	<1.8	<2.8	<2.10	<1.3
T25F04	8	24180	07/09/87	08:32	<12.9	<2.48	<1.34	4.25	8.28	48.7	7.27	402	1720	939000	<1.8	28	<2.10	<1.3
T25F04	14	RMBLK	06/22/87	15:00	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	NRQ	0.0	NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F04	15	RMBLK	06/26/87	13:28	<12.9	NA	<1.34	<1.08	<2.24	<1.98	NRQ	0.0	NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F04	16	RMBLK	07/08/87	12:46	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	NRQ	NRQ	NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F04	24	ORGBLK	06/29/87	12:09	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	NRQ	NRQ	NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F04	25	ORGBLK	07/08/87	13:37	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	NRQ	NRQ	NRQ	<5000	<1.8	<2.8	<2.10	<1.3
T25F05	1	23201	08/27/87	09:12	<12.9	<2.48	<1.34	<1.19	<2.24	<1.98	9.37	3160	940	344000	<1.8	<2.8	<2.10	<1.3
T25F05	2	37334	08/31/87	09:09	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.13	1970	691	66400	<1.8	<2.8	<2.10	<1.3
T25F05	3	23033	09/01/87	12:47	<12.9	<2.48	<1.34	<1.08	169	<1.98	7.20	811	3020	456000	<1.8	<2.8	<2.10	1.4
T25F05	4	22065	09/08/87	14:20	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	8.20	1140	1180	169000	<1.8	<2.8	<2.10	<1.3
T25F05	5	22019	09/09/87	08:27	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ		1140		172000	<1.8	<2.8	<2.10	<1.3
T25F05	6	37337	09/10/87	10:49	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.01	1170	952	105000	<1.8	<2.8	<2.10	<1.3
T25F05	7	27024	09/14/87	07:57	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.60	1230	1510	625000	<1.8	<2.8	<2.10	4.7
T25F05	8	24101	09/15/87	09:59	<12.9	<2.48	<1.34	13.8	16.3	71.7	7.59	829	2360	664000	<1.8	36	<2.10	<1.3
T25F05	9	27073	09/16/87	08:01	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	7.85	1440	1220	146000	<1.8	<2.8	<2.10	<1.3
T25F05	10	23208	09/17/87	09:13	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.37	594	2560	375000	<1.8	<2.8	<2.10	<1.3

TASK 25 FY87 FIELD QUARTER REPORT

PROJECT CODE:																	
METHOD CODE:					34511	34496	34501	34531	98563	98564	39330	1002	34030	81512	32102	39350	98555	34301
PARAMETER:					TT8	TT8	TT8	TT8	PP8A	PP8A	MM8A	VV8	SS8	PP8A	TT8	MM8A	MM8	TT8
UNITS:					112TCE	11DCLE	11DCE	12DCLE	1,4-DITH	1,4-OXAT	ALDRIN	ARSENIC	BENZENE	BTZ	CCL4	CHLORDANE	CL	CLC6H5
SAMP.GRP.	#	SAMPLE ID	DATE	TIME	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
T25F05	11	24161	09/18/87	09:04	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	272000	5.85
T25F05	12	27064	09/21/87	09:27	<1.63	<1.93	<1.85	<2.07	NRQ	NRQ	<0.083	<2.52	<1.92	NRQ	<1.69	<0.152	227000	<1.36
T25F05	13	37323	09/22/87	10:29	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	2.94	<1.1	<1.69	<0.152	284000	17.6
T25F05	14	RMBLK	08/27/87	14:40	<1.63	<1.93	<1.85	<2.07	<3.04	<1.40	<0.083	<2.52	<1.92	<1.2	<1.69	<0.152	<1590	<1.36
T25F05	15	RMBLK	08/31/87	14:20	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	12000	<1.36
T25F05	16	RMBLK	09/09/87	12:50	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25F05	17	RMBLK	09/10/87	14:16	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	13100	4.84
T25F05	18	RMBLK	09/14/87	13:30	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	1.50
T25F05	19	RMBLK	09/21/87	14:54	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25F05	20	RMBLK	09/22/87	13:45	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25F05	24	ORGBLK	08/27/87	15:45	<1.63	<1.93	<1.85	<2.07	<3.04	<1.40	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25F05	25	ORGBLK	09/14/87	11:30	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.2	<1.69	<0.152	<1590	<1.36
T25F05	26	ORGBLK	09/16/87	13:55	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	<1.36
T25F05	27	ORGBLK	09/22/87	14:45	<1.63	<1.93	<1.85	<2.07	<3.34	<1.35	<0.083	<2.52	<1.92	<1.1	<1.69	<0.152	<1590	<1.36

TASK 25 FIELD QUARTER REPORT

FORET CODE:				3211	99133	39320	39300	77985	39380	81580	98551	98552	39390	34371	98556	34386	39430	98553
ETHOD CODE:				TI	02	MMBA	MMBA	RB	MMBA	PPBA	008	008	MMBA	SSB	MMB	MMBA	MMBA	SSB
ARAMETER:				CHCL	DBCP	P,P'-DDE	P,P'-DDT	DCPD	DIELDRIN	DMDS	DIMP	DMMP	ENDRIN	ETHYLBENZ	FL	HCCPD	ISODRIN	M-XYL
NITS:				UG/.	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															
T25FQS	11	24161	09/16/87 09:04	10..	0.872	<0.046	<0.059	10.2	0.823	<1.16	415	<163	0.551	<0.62	2690	<0.083	<0.056	<1.04
T25FQS	12	27064	09/21/87 09:27	31.[illegible]	<0.130	<0.046	<0.059	<9.31	1.02	NRQ	<10.1	<16.3	<0.060	<0.62	1840	<0.083	<0.056	<1.04
T25FQS	13	37323	09/22/87 10:29	41.[illegible]	0.165	<0.046	<0.059	<9.31	<0.054	<1.16	75.8	<16.3	<0.060	<0.62	2750	<0.083	<0.056	<1.04
T25FQS	14	RWBLK	08/27/87 14:40	<1.6[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.14	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	15	RWBLK	08/31/87 14:20	2.8[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	16	RWBLK	09/09/87 12:50	<1.8[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	17	RWBLK	09/10/87 14:16	4.1[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	18	RWBLK	09/14/87 13:30	<1.8.	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	19	RWBLK	09/21/87 14:54	<1.8[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	20	RWBLK	09/22/87 13:45	<1.8[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	24	ORGBLK	08/27/87 15:45	<1.8.	<0.130	<0.046	<0.059	<9.31	<0.054	<1.14	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	25	ORGBLK	09/14/87 11:30	<1.8	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	26	ORGBLK	09/16/87 13:55	<1.8.	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04
T25FQS	27	ORGBLK	09/22/87 14:45	<1.8[illegible]	<0.130	<0.046	<0.059	<9.31	<0.054	<1.16	<10.1	<16.3	<0.060	<0.62	<1000	<0.083	<0.056	<1.04

TASK 25 FY87 FIELD QUARTER REPORT

TORET CODE:				81556	34423	98554	98562	98560	98561	400	99758	94	98581	34546	34475	34010	39180
ETHOD CODE:				F8	TT8	SS8	PP8A	PP8A	PP8A	0	0	0	NN8	TT8	TT8	SS8	TT8
ARAMETER:				MIBA	METHYLCL	O&P-XYL	CPMS	CPMSO2	CPMSO	FIELD PH	DEPTH	SP COND	SO4	T12DCE	TCLEE	TOLUEN	TRCLE
NITS:				UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	STD UNITS	CM	UMHOS/CM	UG/L	UG/L	UG/L	UG/L	UG/L
.D.GRP.	#	SAMPLE ID	DATE TIME														
T25FQ5	11	24161	09/18/87 09:04	<12.9	<2.48	<1.34	4.54	3.63	37.9	6.99	549	2440	576000	<1.8	8.0	<2.10	<1.3
T25FQ5	12	27064	09/21/87 09:27	<12.9	<2.48	<1.34	NRQ	NRQ	NRQ	8.30	1410	1560	193000	<1.8	<2.8	<2.10	<1.3
T25FQ5	13	37323	09/22/87 10:29	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98	7.37	875	2930	1150000	<1.8	<2.8	<2.10	<1.3
T25FQ5	14	RWBLK	08/27/87 14:40	<12.9	<2.48	<1.34	<1.19	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	15	RWBLK	08/31/87 14:20	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		17000	<1.8	<2.8	<2.10	<1.3
T25FQ5	16	RWBLK	09/09/87 12:50	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	17	RWBLK	09/10/87 14:16	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		17000	<1.8	<2.8	<2.10	<1.3
T25FQ5	18	RWBLK	09/14/87 13:30	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	19	RWBLK	09/21/87 14:54	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	20	RWBLK	09/22/87 13:45	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	24	ORGBLK	08/27/87 15:45	<12.9	<2.48	<1.34	<1.19	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	25	ORGBLK	09/14/87 11:30	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	26	ORGBLK	09/16/87 13:55	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3
T25FQ5	27	ORGBLK	09/22/87 14:45	<12.9	<2.48	<1.34	<1.08	<2.24	<1.98		0.0		<5000	<1.8	<2.8	<2.10	<1.3

DUE DATE	
~~12-28-92~~	
1-2-93	

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