

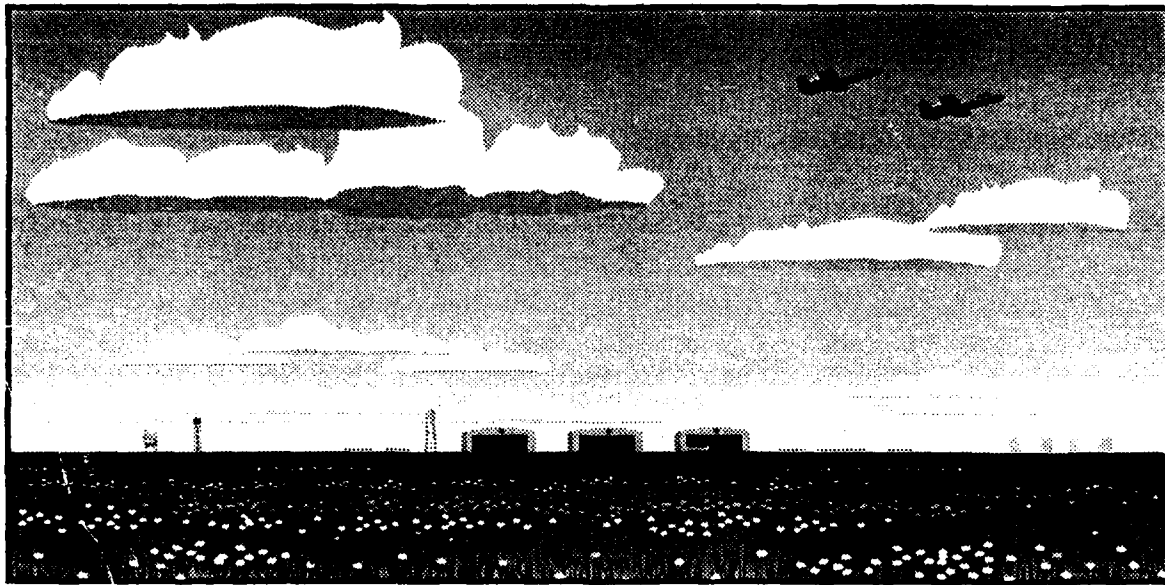
Installation Restoration Program (IRP) - Stage 3

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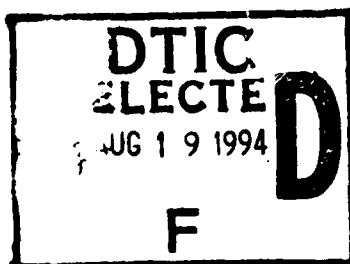


Data Summary

April - June 1994



for McClellan AFB, California



Prepared for:
McClellan AFB/EM
McClellan AFB, California 95652-5990

United States Air Force
Air Force Center for Environmental Excellence
Environmental Services Office
Environmental Restoration Division (AFCEE/ESR))
Brooks Air Force Base, Texas 78235-5000

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Final

AUGUST 1994

INSTALLATION RESTORATION PROGRAM (IRP)
STAGE 3

GROUNDWATER SAMPLING AND ANALYSIS PROGRAM
APRIL THROUGH JUNE 1994
DATA SUMMARY

FINAL

FOR

McCLELLAN AFB/EM
McCLELLAN AFB, CALIFORNIA 95652-5990

August 1994

PREPARED BY:

Radian Corporation
10389 Old Placerville Road
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United States Air Force
Air Force Center for Environmental Excellence
Environmental Services Office
Environmental Restoration Division (AFCEE/ESR)
Brooks AFB, Texas 78235-5000

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NOTICE

This report has been prepared for McClellan Air Force Base (AFB) to aid in the implementation of a final remedial action plan under the Air Force Installation Restoration Program (IRP). As this data summary relates to actual or possible releases of potentially hazardous substances, its release prior to an Air Force final decision on remedial action is in the public's interest. The limited objectives of this data summary, the ongoing nature of the IRP, and the evolving knowledge of site conditions and chemical effects on the environment and on human health all must be considered when evaluating this data summary, since subsequent facts may become known that make this data summary premature or inaccurate. Acceptance of this data summary in performance of the contract under which it is prepared does not mean that the Air Force adopts the conclusions, recommendations, or other views expressed herein, which are those of the contractor only and do not necessarily reflect the official position of the Air Force.

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PREFACE

Radian Corporation is the contractor for the IRP, Stage 3 Remedial Investigation/Feasibility Study (RI/FS) at McClellan AFB, California. This work was performed for the Air Force Center for Environmental Excellence, Environmental Services Office, Environmental Restoration Division (AFCEE/ESR) under Air Force Contract No. F33615-90-D-4013, Delivery Order 0003.

This data summary presents and summarizes the Groundwater Sampling and Analysis Program results for April through June 1994. The data includes analytical results from monitoring and extraction well groundwater samples and from groundwater-level data measured from on- and off-base wells.

Radian would like to acknowledge the cooperation of the McClellan AFB Office of Environmental Management Restoration (EMR). In particular, Radian acknowledges the assistance of Ms. Doris Varnadore of EMR. Ms. Varnadore was the Contracting Officer's Technical Project Manager.

Approved:

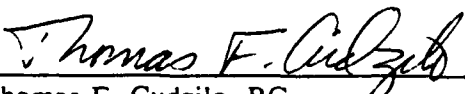

Thomas F. Cudzilo, RG
Technical Peer Reviewer

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1.0 DATA SUMMARY

In support of ongoing Remedial Investigation/Feasibility Study (RI/FS) activities at McClellan Air Force Base (AFB), California, Radian Corporation (Radian) personnel measure water levels and collect and analyze groundwater samples from selected on- and off-base wells on a quarterly basis. This data summary provides, in tabular form, analytical results for samples collected during the April through June 1994 (Second Quarter [2Q94]) sampling effort. Data are provided in the following 10 tables:

- Table 1 — Sampling Schedule;
- Table 2 — Quarterly Groundwater-Level Data;
- Table 3 — Master Log of Wells Sampled;
- Table 4 — Wells Containing Analytes at Concentrations Equal to or Exceeding State and Federal Drinking Water Standards;
- Table 5 — Ambient Blanks with Associated Well Samples;
- Table 6 — Trip Blanks with Associated Well Samples;
- Table 7 — Summary of Quality Control Results for Blanks;
- Table 8 — Summary of Quality Control Results for Duplicates;
- Table 9 — Summary of Quality Control Results for Spikes; and
- Table 10 — Summary of Qualified Data

Six monitoring zones (A through F) divide the groundwater regime, by depth and lithology, beneath McClellan AFB. The base and adjacent off-base areas are also divided into six geographic sectors, designated A through F (Figure 1). Results are presented by zone and sector to support review and data use.

In March 1994, groundwater levels were measured in 316 wells (292 monitoring wells, 5 piezometers, and 19 extraction wells). The locations of all wells and piezometers are shown on Plate 1; water-level elevations are provided in Table 2. Potentiometric-surface contours and estimated trichloroethene concentration isopleths are shown on Plates 2, 3, 4, and 5.

Radian personnel collected groundwater samples from 113 locations between 1 April and 22 April 1994. The locations included 102 monitoring wells, 10 extraction wells, and one composite sample of 6 Sector D extraction wells (EWs) (EW-73, EW-83, EW-84, EW-85, EW-86, and EW-87) from the Sector D pipeline.

Groundwater samples were analyzed by Radian Analytical Services (Austin, Texas) using United States Environmental Protection Agency (U.S. EPA) *Test Methods for Evaluating Solid Waste, Third Edition*, Physical/Chemical Methods SW846 (U.S. EPA, 1986). Selected samples were analyzed for the following analytes:

- Halogenated volatile organic compounds (HVOCs) using Method SW8010;
- Aromatic volatile organic compounds (VOCs) using Method SW8020; and
- Metals using Methods SW6010, SW7060, SW7421, SW7470, and SW7740.

One hundred eleven (111) locations (100 monitoring wells, 10 extraction wells, and one composite of 6 extraction wells) were sampled for Method SW8010 analyses during 2Q94. Method SW8020 analyses were performed on 87 samples (from 76 monitoring wells, 10 extraction wells, and one composite of 6 extraction wells). Analysis by Methods SW6010, SW7060, SW7421, SW7470, and SW7740 were performed on 77 samples (from 66 monitoring wells, 10 extraction wells, and one composite and 6 extraction wells) that were filtered during collection to remove suspended solids. The analytical results are summarized in Table 3.

Table 4 presents the Above Action Level List for samples in which one or more contaminants equaled or exceeded either the federal or California Maximum 87. Contaminant Levels (MCLs) or the California Action Levels for drinking water. Samples from 39 monitoring wells, 5 extraction wells, and one composite from 6 extraction wells exceeded standards for either organic or inorganic analytes.

The quality control (QC) data presented in this report have been evaluated according to the quality assurance objectives in the final McClellan AFB Quality Assurance Project Plan (QAPP) (Radian, 1992). These objectives represent accuracy and precision performance goals for each analytical method. The results of the QC sample analyses are summarized in Tables 5 through 10, and the quality assessment for each method summarized below.

Method SW8020: High concentrations of trichloroethene in several samples interfered with recoveries of the surrogate trifluorotoluene. These two compounds coelute causing the trifluorotoluene to be recovered outside the quality assurance objectives. Samples were not diluted and reanalyzed to avoid diluting low concentrations of other target analytes. No data were qualified.

Method SW6010: Target analytes were detected in more than 50% of the equipment blanks analyzed for metals. Barium, calcium, iron, sodium, and zinc systematically reported in the blanks resulted in qualification of data for some or all of these five analytes in 74 of the 77 samples submitted for Method 6010 analysis. Corrective action

has been implemented to investigate the cause and identify procedural changes that may be needed to reduce or eliminate equipment blank problems.

Method SW7740: Historically, the Method 7740 matrix spike recoveries have indicated that a systematic interference is present, resulting in a potential low bias. Fifty percent of the matrix spike recoveries for 2Q94 were below the project recovery limits. When the matrix spike recovery is low, Method of Standard Additions is used to correct for matrix effects. This was performed as required, and provided valid results. Therefore, no individual sample results are qualified. The low matrix spike recoveries are systematic and samples associated with acceptable matrix spikes may have the potential for low bias.

Performance Evaluation Samples: Performance Evaluation (PE) samples are used to assess analytical accuracy and to evaluate the laboratory's ability to correctly identify, quantitate, and report known concentrations of analytes typically detected in the groundwater samples collected for this project. The PE sample results provide a point-in-time evaluation of data quality related to the program QA objectives. PE samples were submitted to Radian laboratory for analysis by Method SW8010, Method SW6010, and Method SW7740.

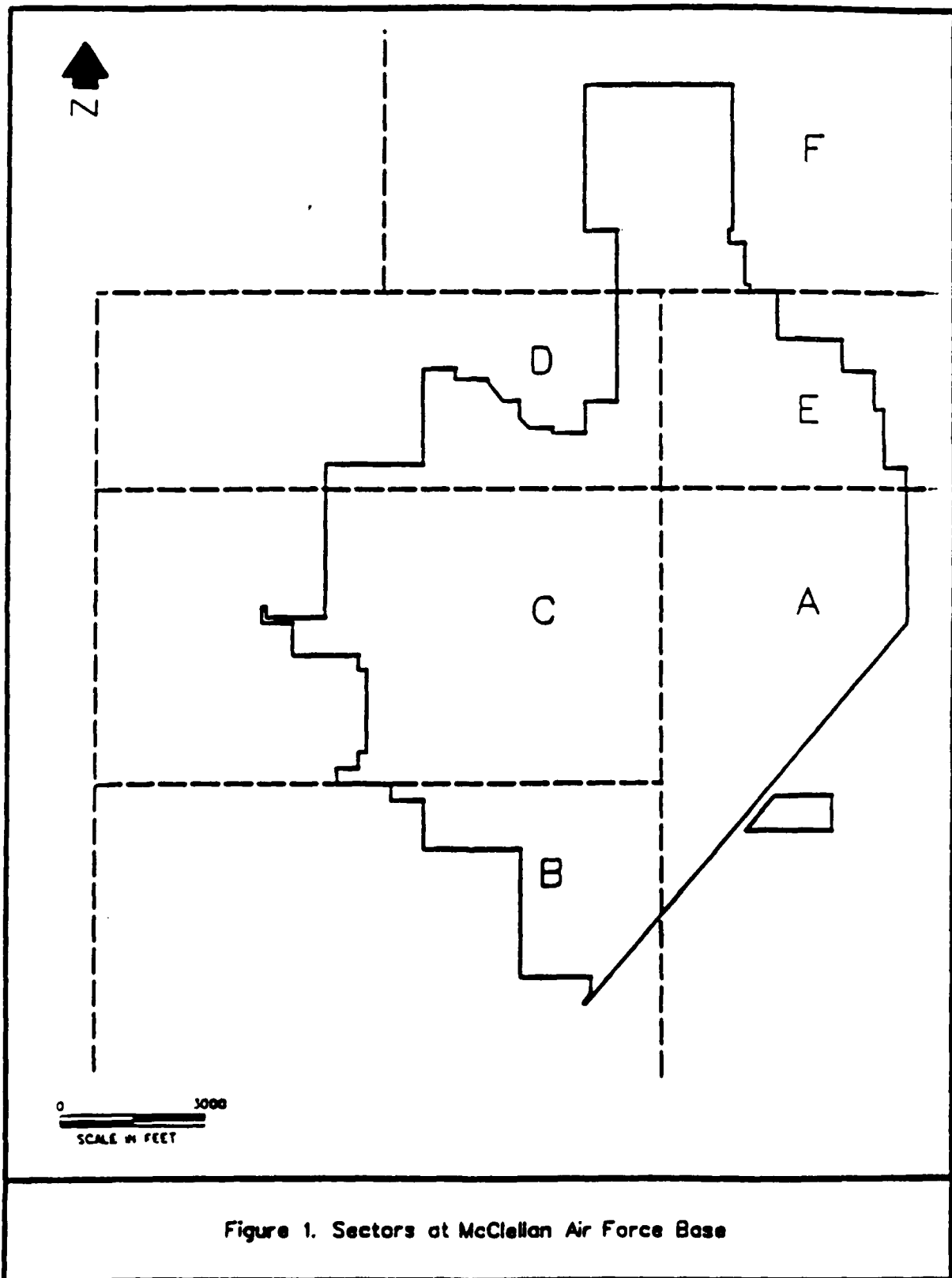
Method SW8010: The sixteen spiked analytes were all correctly identified and quantitated within the acceptable limits. The results indicate a potential for false positives for chloroform and dibromomethane.

Method SW6010: Fifteen of the nineteen analytes were correctly identified and quantitated within acceptable limits. Antimony was below the reporting limit and was therefore not detected. Low recoveries were reported for aluminum, lead, and silver.

Method SW7740: Results were within the acceptable limits.

The few PE deficiencies do not increase or decrease the number of wells exceeding action levels for any constituents. It is likely that these results are sporadic occurrences and do not indicate a systematic impact. The SW6010 result for lead does not influence use of the sample results since the more specific Method SW7421 was also performed. The batch QC results for SW8010 analyses do not show systematic blank contamination for chloroform or dibromomethane. MS/MSD recoveries for silver, and aluminum were also acceptable. Corrective action has been requested to determine the cause of the false positive organic recoveries and the low recoveries for the inorganics and the laboratory is to provide written documentation of the findings. In addition, EPA PE samples and PE samples from other projects have no similar deficiencies.

Although individual sample results required qualification (291 analyte measurements from a total of 6,549), the remaining analytical data were unqualified. Ninety-five percent of the data produced are valid, and the completeness objective was met for the 2Q94 sampling event.



VER. 4063 SECTORS 2/06/94

Table 1. Sampling Scheduling, Groundwater Sampling and Analyses Program
First Quarter 1994 Through Third Quarter, 1994,
McClellan Air Force Base

Well Number	1Q94 (COMPLETED)				2Q94 (CURRENT)			3Q94 (PROPOSED)		
	Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020
			7421,7470	Method 8290			7421,7470	7740		Method 7421,747
EC-1	X	X	X		X	X	X		X	X
EFF-GWC				X						
EW-63					X	X	X		X	X
EW-73									X	X
EW-83					X	X	X		X	X
EW-84					X	X	X		X	X
EW-85					X	X	X		X	X
EW-86					X	X	X		X	X
EW-87					X	X	X		X	X
EW-137	X	X	X		X	X	X		X	X
EW-140	X	X	X		X	X	X		X	X
EW-141	X	X	X						X	X
EW-144	X	X	X		X	X	X		X	X
EW-233	X	X	X						X	X
EW-234									X	X
EW-246										
EW-247										
EW-250										
EW-251										
EW-253										
EW-254										
MW-5					X	X	X			
MW-6										
MW-7										
MW-10					X	X	X			
MW-11									X	X
MW-12									X	X
MW-13										
MW-14					X	X	X			
MW-15									X	X
MW-16D					X	X	X			
MW-17S										
MW-17D					X	X	X			
MW-18D					X	X	X			
MW-19D	X		X							
MW-20D										
MW-21D										
MW-22D										
MW-23D	X		X						X	

Table 1 (Continued)

1Q94					2Q94			3Q94			
Well Number	Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,7060		Method 8010	Methods 6010,706	
			7421,7470 7740	Method 8290			7421,7470 7740			7421,747 7740	
MW-24D											
MW-25S											
MW-25D											
MW-26D	X										
MW-27D	X										
MW-28D					X	X					
MW-29D											
MW-31S											
MW-33S											
MW-36S											
MW-38D					X	X	X				
MW-39S											
MW-40S											
MW-41S	X		X		X		X	X			X
MW-44S											
MW-49S					X	X	X				
MW-51											
MW-52								X	X		X
MW-53					X	X	X				
MW-54					X	X	X				
MW-55											
MW-56											
MW-57											
MW-58	X		X								
MW-59								X			X
MW-60					X	X					
MW-61											
MW-62								X			
MW-63	X		X								
MW-64	X							X			X
MW-65											
MW-66											
MW-68											
MW-70					X	X	X				
MW-71											
MW-72								X	X		X
MW-74											
MW-75											
MW-76											
MW-88								X	X		X
MW-89					X	X	X				
MW-90					X	X	X				

Table 1 (Continued)

Well Number	1Q94			2Q94			3Q94		
	Method 8010	Method 8020	Methods 6010,7060	Method 8010	Method 8020	Methods 6010,7060	Method 8010	Method 8020	Methods 6010,706
			7421,7470 7740			7421,7470 7740			7421,747 7740
MW-91							X	X	X
MW-92									
MW-100				X	X	X			
MW-101			X				X		
MW-102				X					
MW-103									
MW-104									
MW-105									
MW-106									
MW-107									
MW-108				X	X	X			
MW-109									
MW-110									
MW-111				X					
MW-112			X						
MW-115									
MW-117									
MW-118									
MW-119							X	X	X
MW-120									
MW-121									
MW-122									
MW-123									
MW-124									
MW-125									
MW-126							X	X	X
MW-127							X	X	X
MW-128									
MW-129									
MW-130									
MW-131									
MW-132									
MW-133				X	X	X			
MW-134									
MW-135				X	X	X			
MW-136				X	X	X			
MW-138				X	X	X			
MW-139							X	X	X
MW-142				X	X	X			
MW-143							X	X	
MW-145									
MW-146									

Table 1 (Continued)

1Q94					2Q94			3Q94				
Well Number	Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,706	
			7421,7470 7740	Method 8290			7421,7470 7740				7421,747 7740	
MW-147												
MW-148	X								X	X		
MW-149					X	X						
MW-150	X		X		X				X			X
MW-151					X							
MW-152	X				X				X			
MW-153	X		X		X		X		X			X
MW-154	X								X			
MW-155												
MW-156	X											
MW-157									X	X		X
MW-158									X	X		X
MW-159									X	X		X
MW-160	X		X									
MW-161												
MW-162									X			
MW-163	X											
MW-164					X	X	X					
MW-165												
MW-166												
MW-167												
MW-169	X				X				X			
MW-170					X	X						
MW-171	X											
MW-172												
MW-173												
MW-174					X	X						
MW-175					X	X						
MW-176					X	X						
MW-177	X		X									
MW-178					X	X	X					
MW-179					X							
MW-180												
MW-181	X											
MW-182						X	X					
MW-183												
MW-184												
MW-185												
MW-186												
MW-187												
MW-188	X											
MW-189												

Table 1 (Continued)

Well Number	1Q94				2Q94			3Q94		
	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8290	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,706 7421,747 7740
MW-190										
MW-191			X		X	X				
MW-192										
MW-193										
MW-194					X					
MW-195										
MW-196										
MW-197	X				X			X	X	
MW-198					X					
MW-199					X	X				
MW-200	X		X							
MW-201					X	X	X			
MW-202										
MW-203										
MW-204										
MW-205								X		
MW-206										
MW-207										
MW-208										
MW-209										
MW-210	X				X		X	X	X	
MW-211										
MW-212	X	X			X	X		X	X	
MW-213								X	X	
MW-214					X	X	X			
MW-215										
MW-216										
MW-217										
MW-218	X		X		X			X	X	
MW-219										
MW-220								X	X	
MW-221										
MW-222	X				X		X	X		
MW-223										
MW-224										
MW-225										
MW-226										
MW-227								X		
MW-228	X	X			X	X	X	X	X	
MW-229					X	X				
MW-230										
MW-231					X	X	X			

Table 1 (Continued)

1Q94					2Q94			3Q94				
Well Number	Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,706	
			7421,7470 7740	Method 8290			7421,7470 7740	7740			7421,747 7740	
MW-232					X	X	X					
MW-235					X	X	X					
MW-236									X	X	X	
MW-237					X		X		X	X	X	
MW-240					X	X	X		X	X	X	
MW-241					X	X	X		X	X	X	
MW-242				X	X	X	X		X	X	X	
MW-243					X	X	X		X	X	X	
MW-244					X	X	X		X	X	X	
MW-270	X	X	X		X	X	X		X	X	X	
MW-271	X	X	X		X	X	X		X	X	X	
MW-272	X	X	X						X	X	X	
MW-281					X	X	X		X	X	X	
MW-282	X	X	X		X	X	X		X	X	X	
MW-283	X	X	X		X	X	X		X	X	X	
MW-284	X	X	X		X	X	X		X	X	X	
MW-285	X	X	X		X	X	X		X	X	X	
MW-286	X	X	X		X	X	X		X	X	X	
MW-287	X	X	X		X	X	X		X	X	X	
MW-288	X	X	X		X	X	X		X	X	X	
MW-289					X	X	X		X	X	X	
MW-290					X	X	X		X	X	X	
MW-291					X	X	X		X	X	X	
MW-292					X	X	X		X	X	X	
MW-999	X	X	X		X	X	X					
MW-1000	X								X			
MW-1001					X							
MW-1002												
MW-1003					X	X	X					
MW-1004												
MW-1005												
MW-1009									X			
MW-1010												
MW-1011												
MW-1012												
MW-1013												
MW-1014									X	X		
MW-1015									X	X		
MW-1016												
MW-1017												
MW-1018			X		X							
MW-1019	X				X				X			

Table 1 (Continued)

1Q94					2Q94			3Q94		
Well Number	Method 8010	Method 8020	Methods 6010,7060		Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,706 7421,747 7740
			7421,7470 7740	Method 8290						
MW-1020	X									
MW-1021								X	X	
MW-1022	X							X		
MW-1023										
MW-1024	X									
MW-1025	X									
MW-1026				X						
MW-1027	DISCONTINUE SAMPLING									
MW-1028	X		X							
MW-1029										
MW-1030					X	X	X			
MW-1031										
MW-1032								X	X	
MW-1033										
MW-1034					X	X	X			
MW-1035								X		
MW-1036										
MW-1037										
MW-1038	DISCONTINUE SAMPLING									
MW-1039	DISCONTINUE SAMPLING									
MW-1040					X	X	X			
MW-1041	X									
MW-1042	X		X							
MW-1043	X									
MW-1044	X		X		X			X		
MW-1045	X	X						X	X	
MW-1046	X							X		
MW-1047	X									
MW-1048										
MW-1049	X				X		X	X	X	
MW-1050	X	X						X	X	
MW-1051	X	X			X	X		X	X	
MW-1052	X							X		
MW-1053	X	X			X			X		
MW-1054					X	X		X		X
MW-1055					X	X		X	X	
MW-1056					X	X				
MW-1057					X			X	X	
MW-1058	X				X			X		
MW-1059	X							X		
MW-1060	X				X	X		X		
MW-1061	X	X			X	X	X	X	X	

Table 1 (Continued)

1Q94					2Q94			3Q94		
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8290	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,706 7421,747 7740
MW-1062								X	X	
MW-1063										
MW-1064							X			
MW-1065	X							X	X	
MW-1066	X									
MW-1067	X				X	X	X			
MW-1068	X						X	X		
MW-1069					X					
MW-1073								X	X	X
MW-1075					X	X	X	X	X	X
PZ-2205										
PZ-2206										
PZ-2207										

WELL IDENTIFICATION:

EC = Area D Extraction Well Composite

EW = Extraction Well

MW = Monitoring Well

PZ = Piezometer

EFF-GWC = Area C Groundwater Treatment Plant Effluent

TABLE 2 QUARTERLY GROUNDWATER-LEVEL DATA,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
APRIL THROUGH JUNE 1994, McCLELLAN AIR FORCE BASE

<u>Groundwater-Level Elevation (feet mean sea level)</u>			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>A Zone Monitoring Wells:</u>			
MW-5	B	- 51.48	- 51.54
MW-7	B	- 45.37	- 45.97
MW-10	D	- 37.88	- 39.56
MW-11	D	- 37.25	- 38.72
MW-12	D	- 38.10	- 39.24
MW-14	D	- 38.02	- 39.67
MW-15	D	- 37.91	- 39.16
MW-21D	C	- 37.51	- 38.13
MW-25D	B	- 40.41	(d)
MW-28D	A	- 35.28	- 36.36
MW-31S	C	(d)	NM
MW-33S	C	- 38.14	- 38.79
MW-36S	C	(d)	(d)
MW-41S	B	- 44.88	- 44.71
MW-44S	C	- 37.07	- 37.63
MW-56	D	- 38.19	NM
MW-60	C	- 37.75	- 38.28
MW-61	C	- 39.86	(d)
MW-62	C	- 36.78	(d)
MW-65	B	- 46.42	- 47.12
MW-68	A	- 38.07	- 39.69
MW-72	D	- 38.08	- 39.81
MW-75	C	- 38.33	- 39.01
MW-82	C	(d)	(b)
MW-88	D	- 37.72	- 38.43
MW-89	D	- 38.31	- 39.21
MW-90	D	- 38.17	- 39.11
MW-91	D	- 37.60	- 38.69
MW-92	D	- 37.49	- 38.42
MW-101	E	- 32.27	- 33.66
MW-102	F	- 27.08	- 27.16
MW-106	D	(d)	(d)
MW-107	C	- 36.11	(d)
MW-110	C	- 36.34	- 37.20
MW-111	C	- 38.95	- 37.67
MW-114	C	(d)	(d)
MW-115	C	- 39.26	- 39.95
MW-116	C	(d)	(d)
MW-117	C	- 42.07	(d)
MW-120	C	(e)	(e)
MW-123	C	- 43.78	- 46.62
MW-128	C	- 38.15	- 38.99

TABLE 2 (Continued)

<u>Groundwater-Level Elevation (feet mean sea level)</u>			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>A Zone Monitoring Wells:</u>			
MW-129	C	- 38.34	- 39.36
MW-131	C	(d)	- 40.15
MW-135	C	- 41.94	(d)
MW-139	C	- 40.29	- 41.00
MW-145	B	- 44.49	- 45.09
MW-150	B	- 46.57	- 47.16
MW-153	B	- 44.81	- 45.35
MW-155	B	- 45.51	- 46.12
MW-157	B	- 44.26	- 44.99
MW-158	B	- 44.33	- 44.86
MW-159	B	- 43.16	- 43.75
MW-160	A	- 34.91	- 36.22
MW-164	B	- 42.56	- 43.39
MW-169	A	- 30.88	- 33.53
MW-172	A	- 33.07	- 35.13
MW-175	B	- 41.27	- 42.60
MW-178	A	- 30.38	- 31.91
MW-182	C	- 40.58	- 41.30
MW-185	E	- 33.00	- 34.36
MW-186	A	- 37.74	- 39.54
MW-188	C	- 36.94	- 37.45
MW-191	B	- 42.82	- 43.87
MW-194	E	- 33.45	- 34.71
MW-197	A	- 36.04	- 37.47
MW-200	B	- 44.93	- 45.47
MW-202	A	- 33.24	- 34.60
MW-203	A	- 36.38	- 37.74
MW-206	C	- 38.01	- 38.91
MW-209	A	- 38.12	- 38.69
MW-210	A	- 29.93	- 32.54
MW-212	A	- 30.71	- 33.15
MW-214	C	- 41.43	- 42.13
MW-217	B	- 46.25	- 46.66
MW-222	A	- 34.45	- 36.07
MW-224	A	- 32.95	- 34.56
MW-226	A	- 31.93	- 33.65
MW-228	A	- 31.78	- 33.52
MW-235	B	- 38.10	- 44.65
MW-236	B	- 44.21	- 45.16
MW-237	B	- 35.82	NM
MW-240	B	- 28.14	NM
MW-241	B	- 38.07	NM
MW-242	B	- 37.98	NM
MW-243	A	- 42.99	NM

TABLE 2 (Continued)

<u>Groundwater-Level Elevation (feet mean sea level)</u>			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>A Zone Monitoring Wells:</u>			
MW-244	A	- 41.94	NM
MW-270	B	- 44.00	- 44.26
MW-271	B	- 44.96	- 45.21
MW-272	B	- 42.54	- 43.10
MW-281	B	- 42.09	- 41.70
MW-282	B	- 45.17	- 45.72
MW-283	B	- 40.21	- 41.09
MW-284	B	- 42.45	- 43.12
MW-285	B	- 43.80	- 44.42
MW-286	B	- 39.96	- 40.62
MW-287	B	- 44.96	- 45.55
MW-288	B	- 44.93	- 45.41
MW-289	A	- 43.86	NM
MW-290	A	- 41.36	NM
MW-291	A	- 42.51	NM
MW-999	C	- 37.53	- 38.15
MW-1002	D	(d)	- 37.97
MW-1004	D	- 36.11	- 37.33
MW-1005	D	- 36.09	- 37.23
MW-1009	D	(d)	(d)
MW-1011	B	(d)	(d)
MW-1012	F	- 22.93	- 23.46
MW-1013	B	(d)	(d)
MW-1014	A	(d)	(d)
MW-1015	B	- 46.42	- 47.21
MW-1016	B	- 46.71	- 47.46
MW-1017	C	(d)	(d)
MW-1018	C	- 36.40	- 38.24
MW-1019	D	- 35.21	- 34.11
MW-1020	B	- 45.61	- 46.27
MW-1021	B	- 47.52	- 47.76
MW-1023	B	- 46.82	- 47.60
MW-1024	B	- 47.23	- 47.98
MW-1026	D	- 35.34	- 36.75
MW-1029	C	- 35.28	- 36.63
MW-1033	C	(d)	(d)
MW-1036	C	- 34.24	- 35.06
MW-1037	A	- 31.17	- 31.80
MW-1041	D	- 35.45	- 36.68
MW-1044	B	- 46.72	- 47.17
MW-1049	B	- 46.85	- 47.74
MW-1053	B	- 47.30	- 48.12
MW-1054	B	- 46.90	- 47.60
MW-1058	A	- 31.07	- 32.23

TABLE 2 (Continued)

=====			
<u>Groundwater-Level Elevation (feet mean sea level)</u>			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>A Zone Monitoring Wells:</u>			
MW-1061	A	- 36.45	- 38.15
MW-1064	D	- 35.83	- 36.93
MW-1067	A	- 31.73	- 33.44
MW-1069	B	- 46.75	- 47.69
MW-1075	A	- 41.18	NM
PZ-1	B	- 45.56	- 46.46
PZ-3	C	- 39.37	- 40.09
PZ-5	C	- 41.05	- 41.76
PZ-8	C	- 38.93	- 39.59
PZ-11	C	- 41.39	- 41.22
PZ-14	C	- 40.27	- 41.15
PZ-15	C	- 38.95	- 39.78
PZ-18	C	- 41.64	- 42.31
PZ-24	C	- 39.11	- 39.77
PZ-25	C	- 38.67	- 39.55
PZ-30	C	- 40.31	- 40.99
PZ-1000	B	- 46.85	- 47.76
 <u>AB Zone Monitoring Wells:</u>			
MW-160	F	- 32.58	- 33.22
MW-170	F	- 33.26	- 34.37
MW-126	C	- 43.79	- 43.31
MW-1010	D	- 35.87	- 36.95
MW-1042	D	- 35.74	- 36.86
 <u>IAB Zone Monitoring Wells:</u>			
MW-380	D	- 37.85	- 39.30
MW-52	D	- 37.38	- 38.39
MW-53	D	- 38.20	- 39.50
MW-54	D	- 37.61	- 39.38
MW-55	D	- 38.27	- 39.65
MW-57	D	- 38.06	- 40.28
MW-70	D	- 37.75	- 38.87
MW-74	D	- 37.57	- 38.87
MW-76	D	- 37.20	- 38.35
MW-108	C	- 36.60	- 37.51
MW-113	C	- 37.51	- 38.23
MW-121	C	(c)	(c)
MW-124	C	- 41.12	- 44.10
MW-1000	B	- 45.66	- 46.33
MW-1003	D	- 36.12	- 37.31
MW-1034	C	- 40.12	- 36.94

TABLE 2 (Continued)

<u>Groundwater-Level Elevation (feet mean sea level)</u>			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>OAB Zone Monitoring Wells:</u>			
PZ-19	C	- 41.86	- 42.56
<u>B Zone Monitoring Wells:</u>			
MW-180	D	- 34.56	- 35.55
MW-190	D	- 36.98	- 38.02
MW-200	C	- 37.61	- 39.35
MW-220	C	- 39.40	- 40.67
MW-230	B	- 48.04	- 50.73
MW-240	B	- 44.00	- 45.06
MW-260	A	- 39.14	- 40.01
MW-270	A	- 35.74	- 36.98
MW-290	E	- 33.02	- 34.85
MW-51	D	- 37.22	- 38.21
MW-58	D	- 36.78	- 38.01
MW-59	D	- 36.93	- 38.04
MW-64	B	- 49.21	- 47.71
MW-66	B	- 48.86	- 53.12
MW-71	A	(c)	(c)
MW-103	F	- 31.58	- 32.78
MW-104	D	- 36.20	- 37.24
MW-105	D	- 35.94	- 36.92
MW-109	C	- 36.76	- 37.66
MW-112	C	- 37.27	- 37.96
MW-118	C	- 43.64	- 44.55
MW-130	C	- 39.04	- 41.03
MW-134	C	- 41.50	- 42.20
MW-142	C	- 40.44	- 41.63
MW-143	C	- 38.77	- 40.12
MW-146	B	- 44.74	- 45.35
MW-151	B	- 47.45	- 48.42
MW-156	B	- 47.11	- 49.49
MW-165	B	- 43.10	- 43.59
MW-170	A	- 31.33	- 33.61
MW-173	A	- 34.20	- 34.57
MW-176	B	- 41.61	- 42.65
MW-179	A	- 32.37	- 33.99
MW-183	C	- 40.87	- 41.63
MW-189	C	- 36.98	- 37.57
MW-192	B	- 43.76	- 44.38
MW-195	E	- 33.28	- 34.39
MW-198	A	- 38.23	- 39.36
MW-201	B	- 47.57	- 46.49
MW-204	A	- 37.59	- 38.79

TABLE 2 (Continued)

Groundwater-Level Elevation (feet mean sea level)			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94
B Zone Monitoring Wells:			
MW-207	C	- 38.95	- 39.96
MW-211	A	- 31.39	- 33.57
MW-213	A	- 31.08	- 33.38
MW-215	C	- 41.32	- 42.09
MW-218	B	- 48.49	- 49.21
MW-220	B	- 41.87	- 42.30
MW-223	A	- 35.12	- 36.50
MW-225	A	- 32.85	- 34.78
MW-227	A	- 31.76	- 33.64
MW-229	A	- 33.51	- 34.89
MW-292	A	- 42.96	NM
MW-1001	D	- 36.00	- 37.23
MW-1022	B	- 51.24	- 53.50
MW-1025	B	- 47.56	- 48.35
MW-1027	D	- 35.98	- 36.82
MW-1028	D	- 35.73	- 36.46
MW-1030	C	- 35.60	- 36.73
MW-1031	C	- 35.74	- 36.75
MW-1032	C	- 36.77	- 38.38
MW-1035	C	- 40.29	- 40.95
MW-1038	A	- 38.32	- 39.18
MW-1043	D	- 35.73	- 36.84
MW-1045	B	- 49.09	- 49.86
MW-1050	B	- 47.00	- 47.92
MW-1055	B	- 47.60	- 48.10
MW-1059	A	- 34.14	- 35.41
MW-1062	A	- 41.10	- 39.68
MW-1065	A	- 31.46	- 33.51
MW-1066	A	- 31.50	- 33.51
MW-1068	A	- 31.83	- 33.53
PZ-2	B	- 47.11	- 49.74
PZ-4	C	- 39.38	- 40.50
PZ-6	C	- 41.02	- 41.86
PZ-12	C	- 40.53	- 41.57
PZ-16	C	- 39.50	- 40.69
PZ-20	C	- 42.64	- 43.49
PZ-22	C	- 38.92	- 40.04
PZ-26	C	- 39.35	- 39.76
PZ-28	C	- 38.68	- 40.00
PZ-31	C	- 40.31	- 41.44
PZ-37	A	- 33.14	- 34.83
PZ-38	A	- 40.42	- 38.74
PZ-1001	B	- 47.05	- 47.94

TABLE 2 (Continued)

Groundwater-Level Elevation (feet mean sea level)			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>OBC Zone Monitoring Wells:</u>			
PZ-21	C	- 42.86	- 43.82
PZ-32	C	- 40.22	- 41.42
<u>C Zone Monitoring Wells:</u>			
MW-119	C	- 43.50	- 43.91
MW-122	C	- 43.39	- 43.75
MW-125	C	- 43.35	- 41.71
MW-127	C	- 43.24	- 43.47
MW-132	B	- 48.42	- 49.24
MW-133	C	- 41.67	(d)
MW-136	C	- 39.61	- 40.74
MW-138	C	- 39.46	- 40.35
MW-147	B	- 44.95	- 45.40
MW-152	B	- 47.86	- 50.40
MW-154	B	- 48.74	- 45.98
MW-161	A	- 36.24	- 37.51
MW-166	B	- 42.77	- 43.05
MW-171	A	- 31.74	- 33.85
MW-174	A	- 34.48	- 35.84
MW-177	B	- 41.57	- 42.57
MW-180	A	- 33.21	- 34.69
MW-181	C	- 40.55	- 41.70
MW-184	C	- 40.63	- 41.46
MW-187	A	- 39.65	- 40.44
MW-190	C	- 37.12	- 37.68
MW-193	B	- 42.49	- 43.49
MW-196	E	- 33.44	- 34.36
MW-199	A	- 38.41	- 39.45
MW-205	A	- 37.92	- 38.97
MW-208	C	- 39.18	- 40.15
MW-216	C	- 41.25	- 41.83
MW-219	S	- 50.16	(c)
MW-221	B	- 42.45	- 43.05
MW-1039	A	- 38.36	- 39.22
MW-1040	F	- 34.05	- 33.51
MW-1046	B	- 50.60	- 51.46
MW-1051	B	- 47.26	- 48.20
MW-1056	B	- 48.95	- 49.93
MW-1060	A	- 34.57	- 35.76
MW-1063	A	- 38.31	- 39.30
PZ-7	C	- 40.81	- 41.56
PZ-9	C	- 38.98	- 39.97
PZ-10	C	- 39.54	- 40.54

TABLE 2 (Continued)

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Groundwater-Level Elevation (feet mean sea level)			
Well		Current Measurement	Previous Measurement
Number(a)	Sector	2Q94	1Q94

<u>C Zone Monitoring Wells:</u>			
PZ-13	C	- 40.38	- 41.32
PZ-17	C	- 39.54	- 40.52
PZ-23	C	- 39.12	- 40.02
PZ-27	C	- 39.54	- 40.58
PZ-29	C	- 38.72	- 39.69
PZ-33	C	- 40.24	- 41.22
PZ-34	C	- 39.88	- 41.17
<u>ICD Zone Monitoring Wells:</u>			
MW-148	B	- 42.56	- 43.19
<u>OCD Zone Monitoring Wells:</u>			
PZ-35	C	- 39.60	- 40.32
<u>D Zone Monitoring Wells:</u>			
MW-149	B	- 41.30	- 41.92
MW-162	C	- 38.77	- 39.24
MW-163	C	- 39.05	- 39.51
MW-167	B	- 40.29	- 40.69
MW-1047	B	- 42.27	- 43.10
MW-1048	B	- 42.15	- 43.00
MW-1052	B	- 41.43	- 42.40
MW-1057	B	- 41.66	- 42.54
PZ-36	C	- 39.05	- 39.51
<u>E Zone Monitoring Wells:</u>			
MW-230	C	- 39.13	- 39.90
MW-231	B	- 39.87	- 40.26
MW-232	B	- 39.83	- 40.21
<u>Extraction Wells</u>			
EW-63	B	- 46.59	(d)
EW-73	D	- 37.53	(d)
EW-83	D	- 38.33	- 43.29
EW-84	D	- 38.14	- 48.95
EW-85	D	- 37.88	- 44.58
EW-86	D	- 37.99	- 41.89
EW-87	D	- 38.00	- 41.90
EW-137	C	- 39.61	(e)
EW-140	C	(e)	(e)
EW-141	C	(e)	(e)
EW-233	B	- 48.57	- 51.98
EW-234	B	- 44.51	- 45.19

TABLE 2 (Continued)

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WELL IDENTIFICATION:

EW = Extraction Well
 MW = Monitoring Well
 PZ = Piezometer

ZONE IDENTIFICATION:

A = Screened in the A zone (-16.72 to -93.46 ft msl).
 AB = Screened in both the A and B zones (-47.89 to -126.0 ft msl).
 IAB = Screened in an intermediate zone between the A and B zones (-69.51 to -94.61 ft msl).
 QAB = Screened in the aquitard between the A and B zones (-63.84 to -65.84 ft msl).
 B = Screened in the B zone (-50.3 to -149.73').
 BC = Screened in both the B and C zones (-95.86 to -109.65 ft msl).
 QBC = Screened in the aquitard between the B and C zones (-122.18 to -146.05 ft msl).
 C = Screened in the C zone (-117.11 to -213.2 ft msl).
 ICD = Screened in an intermediate zone between the C and D zones (-225.97 to -235.97 ft msl).
 QCD = Screened in the aquitard between the C and D zones (-225.76 to -227.76 ft msl).
 D = Screened in the D zone (-261.69 to -306.95 ft msl).
 E = Screened in the E zone (-327.74 to -365.36 ft msl).

NOTES:

(a) = The letters 'S' and 'D' associated with monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.
 (b) = Unintentionally omitted.
 (c) = Obstructed well access.
 (d) = Dry Well.
 (e) = Well blocked.
 (f) = Water levels for MW-270 and MW-271 taken 27 Jan 94; for MW-272 taken 26 Jan 94.
 NM = No previous water level measurement.
 2Q94 = Second Quarter 1994.
 1Q94 = First Quarter 1994.
 msl = Mean Sea Level.

TABLE 3 MASTER LOG OF WELLS SAMPLED,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
APRIL THROUGH JUNE 1994, MCCLELLAN AIR FORCE BASE

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EC-1	8010	NS	04/22/94	04/29/94	GCJAY1404290937	1,1,1-Trichloroethane	108	(8.3)		200 MCL
						1,1-Dichloroethane	40	(3.33)		5.0 MCL
						1,1-Dichloroethene	874	(2.5)		6.0 MCL
						1,2-Dichloroethane	4.8 P	(6)	PF	0.50 MCL
						Bromobenzene	ND	(6.6)	PF	
						Methylene Chloride	75 B	(2.81)	PF	5.0 MCL
						Trichloroethene	219	(5.15)	PF	5.0 MCL
						Vinyl Chloride	42	(7.9)	PF	0.50 MCL
						cis-1,2-Dichloroethene	24	(2.06)		6.0 MCL
M209401	8010	FD	04/22/94	04/29/94	GCJAY1404290937	1,1,1-Trichloroethane	86	(8.3)		200 MCL
						1,1-Dichloroethane	46	(3.33)		5.0 MCL
						1,1-Dichloroethene	1050	(2.5)		6.0 MCL
						1,2-Dichloroethane	6.6	(4)		0.50 MCL
						Methylene Chloride	48 B	(2.81)		5.0 MCL
						Trichloroethene	239	(5.15)		5.0 MCL
						Vinyl Chloride	69	(7.9)		0.50 MCL
						cis-1,2-Dichloroethene	29	(2.06)		6.0 MCL
EC-1	8020	NS	04/22/94	04/27/94	GCKAY2404271147	1,2-Dichlorobenzene	1.6	(0.252)	PF	130 AL
						1,3-Dichlorobenzene	0.21	(0.179)	PF	130 AL
						1,4-Dichlorobenzene	0.39 P	(0.372)		5.0 MCL
						Benzene	0.84	(0.0633)		1.0 MCL
						Chlorobenzene	0.18	(0.0459)		30 AL
						Ethylbenzene	0.32	(0.0354)		680 MCL
						Toluene	10	(0.0451)		
						Total Xylenes	1.1	(0.0609)		1750 MCL
M209401	8020	FD	04/22/94	04/28/94	GCKAY2404271147	1,2-Dichlorobenzene	2.4	(0.252)		130 AL
						1,3-Dichlorobenzene	0.28	(0.179)		130 AL
						1,4-Dichlorobenzene	0.51	(0.372)		5.0 MCL
						Benzene	1.0	(0.0633)		1.0 MCL
						Chlorobenzene	0.21	(0.0459)		30 AL
						Ethylbenzene	0.32	(0.0354)		680 MCL
						Toluene	11	(0.0451)		
						Total Xylenes	1.5	(0.0609)		1750 MCL
EC-1	6010	NS	04/22/94	05/05/94	EMJAG1405050900	Aluminum	0.053	(0.0523)	R	1.0 MCL
						Barium	0.036 B	(0.0009)	O	1.0 MCL
						Beryllium	0.0023 B	(0.0005)	R	0.0040 MCL
						Calcium	15 B	(0.0175)		
						Chromium	0.018	(0.0052)		
						Iron	0.011 B	(0.0045)	O	0.050 MCL
						Magnesium	12	(0.0479)		
						Manganese	0.050 B	(0.0016)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EC-1	6010	NS	04/22/94	05/05/94	ENJA61405050900	Potassium Sodium Vanadium Zinc	1.2 81 B 0.023 0.035	(0.822) (0.0401) (0.0045) (0.004)	0	
M209401	6010	FD	04/22/94	05/05/94	ENJA61405050900	Aluminum Barium Calcium Chromium Magnesium Manganese Potassium Sodium Vanadium Zinc	0.073 0.034 B 15 B 0.016 11 0.045 B 0.97 80 B 0.022 0.024	(0.0523) (0.0009) (0.0175) (0.0052) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)		1.0 MCL 1.0 MCL 0.050 MCL
EC-1	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0035	(0.0021)		0.050 MCL
M209401	7060	FD	04/22/94	04/27/94	AAZ4_404270818	Arsenic	ND	(0.0021)		0.050 MCL
EC-1	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
M209401	7421	FD	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
EC-1	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
M209401	7470	FD	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
EC-1	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
M209401	7740	FD	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
EW-63	8010	NS	04/04/94	04/12/94	GCJAY1404111647	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Chloroform Methylene Chloride Trichloroethene cis-1,2-Dichloroethene trans-1,2-Dichloroethene	0.38 0.27 P 0.41 0.82 0.24 PB 32 18 0.076 P	(0.0666) (0.0501) (0.08) (0.0533) (0.0562) (0.103) (0.0413) (0.0448)		5.0 MCL 6.0 MCL 0.50 MCL 100 PMCL 5.0 MCL 5.0 MCL 6.0 MCL 10 PMCL
EW-63	8020	NS	04/04/94	04/12/94	GCJAY2404111647	No Analytes Detected	ND			
EW-63	6010	NS	04/04/94	04/15/94	ENJA61404142300	Barium Calcium Chromium Magnesium	0.071 19 0.011 14	(0.0005) (0.148) (0.0025) (0.0228)		1.0 MCL 0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-63	6010	NS	04/04/94	04/15/94	EMJA6140412300	Nickel Potassium Sodium Thallium Vanadium Zinc	0.010 1.5 17 0.041 B 0.025 0.059	(0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)		0.10 MCL R 0
EW-63	7060	NS	04/04/94	04/12/94	AAZ4_404121634	Arsenic	0.0032	(0.0021)		0.050 MCL
EW-63	7421	NS	04/04/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
EW-63	7470	NS	04/04/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EW-63	7740	NS	04/04/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
EW-83	8010	NS	04/22/94	04/29/94	GCJAY1404290937	1,1,1-Trichloroethane 1,1-Dichloroethane Methylene Chloride Tetrachloroethane Trichloroethene	14 804 30 B 12 112	(4.15) (1.25) (1.4) (1.9) (2.58)		200 MCL 6.0 MCL 5.0 MCL 5.0 MCL 5.0 MCL
EW-83	8020	NS	04/22/94	04/28/94	GCKAY2404271147	No Analytes Detected	ND			
EW-83	6010	NS	04/22/94	05/05/94	EMJA61405050900	Barium Beryllium Calcium Chromium Magnesium Manganese Potassium Sodium Vanadium Zinc	0.043 B 0.00070 B 15 B 0.013 9.8 0.0028 B 1.3 17 B 0.032 0.027	(0.0009) (0.0005) (0.0175) (0.0052) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	O R R O	1.0 MCL 0.0040 MCL 0.050 MCL 0.050 MCL
EW-83	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0037	(0.0021)		0.050 MCL
EW-83	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
EW-83	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
EW-83	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
EW-84	8010	NS	04/22/94	04/29/94	GCJAY1404290937	1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Methylene Chloride	34 107 673 64 40 B	(8.3) (3.33) (2.5) (4) (2.81)		200 MCL 5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EU-84	8010	NS	04/22/94	04/29/94	GCJAY1404290937	Trichloroethene Vinyl Chloride cis-1,2-Dichloroethene	604 60 70	(5.15) (7.9) (2.06)		5.0 MCL 0.50 MCL 6.0 MCL
EU-84	8020	NS	04/22/94	04/28/94	GCKAY2404271147	1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Benzene Chlorobenzene Ethylbenzene Toluene Total xylenes	7.7 0.89 1.7 2.3 0.95 0.41 11 2.5	(0.252) (0.179) (0.372) (0.0633) (0.0459) (0.0354) (0.0451) (0.0609)		130 AL 130 AL 5.0 MCL 1.0 MCL 30 AL 680 MCL 1750 MCL
EU-84	6010	NS	04/22/94	05/05/94	EMJJA61405050900	Barium Calcium Cobalt Iron Magnesium Manganese Potassium Sodium Vanadium Zinc	0.12 B 33 B 0.0057 B 0.19 B 22 0.48 B 1.5 22 B 0.022 0.018	(0.0009) (0.0175) (0.0041) (0.0045) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	0 R	1.0 MCL
EU-84	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0041	(0.0021)		0.050 MCL
EU-84	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
EU-84	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
EU-84	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
EU-85	8010	NS	04/22/94	04/29/94	GCJAY1404290937	1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Methylene Chloride Trichloroethene	163 3.8 P 551 5.3 33 B 352	(4.15) (1.66) (1.25) (2) (1.4) (2.58)		200 MCL 5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 5.0 MCL
EU-85	8020	NS	04/22/94	04/28/94	GCKAY2404271147	1,3-Dichlorobenzene Benzene Chlorobenzene Toluene	0.21 0.25 0.077 0.31 P	(0.179) (0.0633) (0.0459) (0.0451)		130 AL 1.0 MCL 30 AL
EU-85	6010	NS	04/22/94	05/05/94	EMJJA61405050900	Aluminum Barium Calcium	0.15 0.041 B 13 B	(0.0523) (0.0009) (0.0175)	R 0	1.0 MCL 1.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-85	6010	NS	04/22/94	05/05/94	EMJA61405050900	Chromium Cobalt Magnesium Manganese Potassium Sodium Vanadium Zinc	0.012 0.0058 B 9.0 0.0020 B 1.2 15 B 0.030 0.053	(0.0052) (0.0041) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	R R O	0.050 MCL
EW-85	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0036	(0.0021)		0.050 MCL
EW-85	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
EW-85	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
EW-85	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
EW-86	8010	NS	04/22/94	04/29/94	GCJAY1404290937	1,1,1-Trichloroethane 1,1-Dichloroethane Methylene Chloride Trichloroethene	4.7 43 6.1 B 15	(0.83) (0.25) (0.281) (0.515)		200 MCL 6.0 MCL 5.0 MCL 5.0 MCL
EW-86	8020	NS	04/22/94	04/28/94	GCKAY2404271147	No Analytes Detected	ND			
EW-86	6010	NS	04/22/94	05/05/94	EMJA61405050900	Aluminum Barium Calcium Chromium Magnesium Manganese Potassium Sodium Vanadium Zinc	0.14 0.037 B 13 B 0.016 8.5 0.0023 B 1.1 16 B 0.032 0.035	(0.0523) (0.0009) (0.0175) (0.0052) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	R O R O	1.0 MCL 1.0 MCL 0.050 MCL
EW-86	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0035	(0.0021)		0.050 MCL
EW-86	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
EW-86	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
EW-86	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
EW-87	8010	NS	04/22/94	04/30/94	GCJAY1404290937	1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene Methylene Chloride	5.2 1.2 126 3.3 B	(0.83) (0.333) (0.25) (0.281)		200 MCL 5.0 MCL 6.0 MCL 5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-87	8010	NS	04/22/94	04/30/94	GCJAY1404290937	Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	1.4 P 50 3.4	(0.38) (0.515) (0.206)		5.0 MCL 5.0 MCL 6.0 MCL
EW-87	8020	NS	04/22/94	04/28/94	GCJAY2404271147	No Analytes Detected	ND			
EW-87	6010	NS	04/22/94	05/05/94	EWJAG1405050900	Barium Calcium Chromium Lead Magnesium Potassium Sodium Vanadium Zinc	0.039 B 13 B 0.014 0.022 B 8.4 1.2 15 B 0.031 0.018	(0.0009) (0.0175) (0.0052) (0.0216) (0.0479) (0.822) (0.0401) (0.0045) (0.004)	0 R O	1.0 MCL 0.050 MCL 0.015 MCL
EW-87	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0032	(0.0021)		0.050 MCL
EW-87	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
EW-87	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
EW-87	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
EW-137	8010	NS	04/12/94	04/21/94	GCJAY1404201224	1,1-Dichloroethane Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	7.0 0.56 B 49 11	(0.133) (0.112) (0.206) (0.0826)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
EW-137	8020	NS	04/12/94	04/18/94	GCJAY1404181017	No Analytes Detected	ND			
M209402	8020	FD	04/12/94	04/18/94	GCJAY1404181017	No Analytes Detected	ND			
EW-137	6010	NS	04/12/94	04/29/94	EWJAG1404291000	Barium Calcium Magnesium Potassium Sodium Vanadium Zinc	0.18 43 B 32 B 2.8 25 B 0.024 0.0062	(0.0009) (0.0175) (0.0479) (0.822) (0.0401) (0.0045) (0.004)		1.0 MCL
EW-137	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0012	(0.0006)		0.050 MCL
EW-137	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	0.0024	(0.0021)		0.015 MCL
EW-137	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-137	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
EW-140	8010	NS	04/12/94	04/21/94	GCJAY1404201224	1,1-Dichloroethane Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	3.4 2.0 B 81 28	(0.333) (0.281) (0.515) (0.206)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
EW-140	8020	NS	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND			
M209403	8020	FD	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND			
EW-140	6010	NS	04/12/94	04/29/94	ENJAG1404291000	Barium Calcium Iron Magnesium Potassium Sodium Vanadium Zinc	0.10 26 B 0.045 20 B 2.3 19 B 0.025 0.010	(0.0009) (0.0175) (0.0045) (0.0479) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL
EW-140	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0014	(0.0006)		0.050 MCL
EW-140	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	0.0046	(0.0021)		0.015 MCL
EW-140	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EW-140	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
EW-144	8010	NS	04/12/94	04/21/94	GCJAY1404201224	1,1-Dichloroethane Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	2.5 P 2.9 B 269 7.3	(0.666) (0.562) (1.03) (0.413)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
EW-144	8020	NS	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND			
EW-144	6010	NS	04/12/94	04/29/94	ENJAG1404291000	Barium Calcium Chromium Magnesium Potassium Sodium Vanadium Zinc	0.12 30 B 0.0087 22 B 2.6 21 B 0.030 0.15	(0.0009) (0.0175) (0.0052) (0.0479) (0.822) (0.0401) (0.0045) (0.004)		1.0 MCL 0.050 MCL
EW-144	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0022	(0.0006)		0.050 MCL
EW-144	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	ND	(0.0021)		0.015 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EU-144	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EU-144	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MW-5	8010	NS	04/21/94	04/28/94	GCJAY1404271440	Methylene Chloride Tetrachloroethene Trichloroethene	13 B 17 481	(1.4) (1.9) (2.58)		5.0 MCL 5.0 MCL 5.0 MCL
EB-5	8010	EB	04/21/94	04/27/94	GCJAY1404271440	No Analytes Detected	ND			
MW-5	8020	NS	04/21/94	04/27/94	GCKAY2404271147	Chlorobenzene Toluene Total Xylenes	0.055 0.53 P 0.087	(0.0459) (0.0451) (0.0609)		30 AL 1750 MCL
EB-5	8020	EB	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			
MW-5	6010	NS	04/21/94	05/05/94	EMJAJ61405050900	Antimony Barium Calcium Chromium Magnesium Manganese Potassium Sodium Vanadium Zinc	0.12 0.045 17 B 0.013 12 0.0031 B 0.98 16 B 0.027 0.0048 B	(0.076) (0.0009) (0.0175) (0.0052) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	O R O,R	0.0060 MCL 1.0 MCL 0.050 MCL
EB-5	6010	EB	04/21/94	05/05/94	EMJAJ61405050900	Aluminum Antimony Barium Beryllium Calcium Cobalt Iron Manganese Sodium Zinc	0.062 B 0.10 0.0013 0.0017 0.10 B 0.0064 0.022 0.0044 B 0.097 B 0.0047 B	(0.0523) (0.076) (0.0009) (0.0005) (0.0175) (0.0041) (0.0045) (0.0016) (0.0401) (0.004)		1.0 MCL 0.0060 MCL 1.0 MCL 0.0040 MCL
MW-5	7060	NS	04/21/94	04/26/94	AAZ3_404261537	Arsenic	0.0020	(0.0006)		0.050 MCL
EB-5	7060	EB	04/21/94	04/26/94	AAZ3_404261537	Arsenic	ND	(0.0006)		0.050 MCL
MW-5	7421	NS	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL
EB-5	7421	EB	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-5	7470	NS	04/21/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
EB-5	7470	EB	04/21/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-5	7740	NS	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
EB-5	7740	EB	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
MW-10	8010	NS	04/04/94	04/11/94	GCJAY1404111647	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichlorobenzene 1,2-Dichloroethane Methylene Chloride Trichloroethene Vinyl Chloride cis-1,2-Dichloroethene trans-1,2-Dichloroethene	28 210 14 117 12 PB 308 8.7 15 1.6	(1.66) (1.25) (2.23) (2) (1.4) (2.58) (3.95) (1.03) (1.12)	5.0 MCL 6.0 MCL 130 AL 0.50 MCL 5.0 MCL 5.0 MCL 0.50 MCL 6.0 MCL 10 PMCL	
MW-10	8020	NS	04/04/94	04/12/94	GCKAY1404121541	1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Benzene Chlorobenzene Toluene Total Xylenes	12 0.64 1.6 0.79 1.2 B 0.063 PB 0.085 B	(0.146) (0.135) (0.137) (0.072) (0.0295) (0.024) (0.039)	130 AL 130 AL 5.0 MCL 1.0 MCL 30 AL R R 1750 MCL	
M209408	8020	FD	04/04/94	04/12/94	GCKAY1404121541	1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Benzene Chlorobenzene Ethylbenzene Toluene Total Xylenes	12 0.72 1.8 0.88 1.3 B 0.082 B 0.14 PB 0.34 B	(0.146) (0.135) (0.137) (0.072) (0.0295) (0.0188) (0.024) (0.039)	130 AL 130 AL 5.0 MCL 1.0 MCL 30 AL 680 MCL 1750 MCL	
MW-10	6010	NS	04/04/94	04/15/94	ENJAG1404142301	Arsenic Barium Calcium Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.027 B 0.11 38 26 0.015 0.024 1.2 23 0.028 B 0.026 0.040	(0.0225) (0.0005) (0.148) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0.050 MCL 1.0 MCL 0.10 MCL 0.0020 MCL 0	

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-10	7060	NS	04/04/94	04/12/94	AAZ4_404121634	Arsenic	ND	(0.0021)		0.050 MCL
MW-10	7421	NS	04/04/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MW-10	7470	NS	04/04/94	04/19/94	AAZ3_404191745	Mercury	0.00010	(0.0001)		0.0020 MCL
MW-10	7740	NS	04/04/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MW-14	8010	NS	04/04/94	04/14/94	GCJAY1404141106	1,1,1-Trichloroethane 1,1-Dichloroethane Trichloroethane	843 2020 1220	(16.6) (5.01) (10.3)		200 MCL 6.0 MCL 5.0 MCL
EB-14	8010	EB	04/04/94	04/12/94	GCJAY1404111647	No Analytes Detected	ND			
MW-14	8020	NS	04/04/94	04/13/94	GCKAY1404131145	1,2-Dichlorobenzene 1,3-Dichlorobenzene Benzene Chlorobenzene Toluene Total Xylenes	0.21 1.2 0.52 0.17 B 0.079 PB 0.050 B	(0.146) (0.135) (0.072) (0.0295) (0.024) (0.039)		130 AL 130 AL 1.0 MCL 30 AL 1750 MCL
EB-14	8020	EB	04/04/94	04/12/94	GCJAY2404111647	No Analytes Detected	ND			
MW-14	6010	NS	04/04/94	04/15/94	EMJAG1404142300	Antimony Arsenic Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.046 B 0.076 B 0.043 14 9.5 0.011 0.010 0.013 0.60 16 0.033 B 0.029 0.031	(0.0241) (0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R R O	0.0060 MCL 0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL
EB-14	6010	EB	04/04/94	04/15/94	EMJAG1404142300	Antimony Arsenic Copper Iron Magnesium Potassium Sodium Thallium Zinc	0.052 B 0.050 B 0.0071 0.016 B 0.032 0.42 0.37 0.025 B 0.017	(0.0241) (0.0225) (0.0038) (0.006) (0.0228) (0.37) (0.0397) (0.0172) (0.0015)	O	0.0060 MCL 0.050 MCL 1.3 MCL 0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-14	7060	NS	04/04/94	04/12/94	AAZ4_404121634	Arsenic	0.0043	(0.0021)		0.050 MCL
EB-14	7060	EB	04/04/94	04/12/94	AAZ4_404121634	Arsenic	ND	(0.0021)		0.050 MCL
MU-14	7421	NS	04/04/94	04/11/94	AAZ2_404111800	Lead	0.013	(0.0022)		0.015 MCL
EB-14	7421	EB	04/04/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MU-14	7470	NS	04/04/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EB-14	7470	EB	04/04/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-14	7740	NS	04/04/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
EB-14	7740	EB	04/04/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MU-160	8010	NS	04/22/94	04/30/94	GCJAY1404290937	No Analytes Detected	ND			
MU-160	8020	NS	04/22/94	04/28/94	GCKAY2404271147	No Analytes Detected	ND			
MU-160	6010	NS	04/22/94	05/05/94	EMJAG1405050900	Barium Calcium Cobalt Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.040 B 13 B 0.0052 B 9.1 0.041 B 0.089 1.7 19 B 0.028 0.027	(0.0009) (0.0175) (0.0041) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	O R	1.0 MCL
MU-160	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0040	(0.0021)		0.050 MCL
MU-160	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
MU-160	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
MU-160	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
MU-170	8010	NS	04/22/94	04/29/94	GCJAY1404290937	No Analytes Detected	ND			
MU-170	8020	NS	04/22/94	04/28/94	GCKAY2404271147	No Analytes Detected	ND			
MU-170	6010	NS	04/22/94	05/05/94	EMJAG1405050900	Barium Calcium Chromium Magnesium	0.040 B 10 B 0.018 7.6	(0.0009) (0.0175) (0.0052) (0.0479)	O	1.0 MCL 0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-17D	6010	NS	04/22/94	05/05/94	EMJA61405050900	Potassium Sodium Vanadium Zinc	1.1 18 B 0.032 0.0049	(0.822) (0.0401) (0.0045) (0.004)		
MW-17D	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0078	(0.0021)		0.050 MCL
MW-17D	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
MW-17D	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
MW-17D	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
MW-18D	8010	NS	04/21/94	04/28/94	GCJAY1404271440	Methylene Chloride Trichloroethene	0.20 0.28	(0.0562) (0.103)		5.0 MCL 5.0 MCL
MW-18D	8020	NS	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			
MW-18D	6010	NS	04/21/94	05/05/94	EMJA61405050900	Barium Calcium Chromium Lead Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.043 18 B 0.013 0.032 9.3 0.017 B 0.035 1.4 18 B 0.025 0.018 B	(0.0009) (0.0175) (0.0052) (0.0216) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 O,R	1.0 MCL 0.050 MCL 0.015 MCL 0.10 MCL 0.050 MCL 0.015 MCL 0.0020 MCL 0.010 MCL
MW-18D	7060	NS	04/21/94	04/26/94	AAZ3_404261537	Arsenic	0.0038	(0.0006)		0.050 MCL
MW-18D	7421	NS	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL
MW-18D	7470	NS	04/21/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-18D	7740	NS	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
MW-28D	8010	NS	04/19/94	04/26/94	GCJAY1404251134	No Analytes Detected	ND			
AB-28D	8010	AB	04/19/94	04/25/94	GCJAY1404251134	No Analytes Detected	ND			
MW-28D	8020	NS	04/19/94	04/27/94	GCKAY1404261335	No Analytes Detected	ND			
AB-28D	8020	AB	04/19/94	04/27/94	GCKAY1404261335	No Analytes Detected	ND			
MW-38D	8010	NS	04/20/94	04/27/94	GCJAY1404261314	1,1,1-Trichloroethane	7.0	(4.15)		200 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-380	8010	NS	04/20/94	04/27/94	GCJAY1404261314	1,1-Dichloroethane	34	(1.66)		5.0 MCL
						1,1-Dichloroethane	652	(1.25)		6.0 MCL
						1,2-Dichloroethane	7.5	(2)		0.50 MCL
						Trichloroethane	122	(2.58)		5.0 MCL
						Vinyl Chloride	28	(3.95)		0.50 MCL
						cis-1,2-Dichloroethane	35	(1.03)		6.0 MCL
MW-380	8020	NS	04/20/94	04/27/94	GCJAY2404261314	1,2-Dichlorobenzene	0.50	(0.0796)		130 AL
						1,3-Dichlorobenzene	0.10	(0.0756)		130 AL
						1,4-Dichlorobenzene	0.12	(0.0813)		5.0 MCL
						Benzene	0.59	(0.0519)		1.0 MCL
						Chlorobenzene	0.066	(0.0452)		30 AL
						Toluene	0.40	(0.0647)		
						Total Xylenes	0.28	(0.127)		1750 MCL
MW-380	6010	NS	04/20/94	05/05/94	EMJAG1405050900	Antimony	0.081	(0.076)		0.0060 MCL
						Barium	0.51	(0.0009)		1.0 MCL
						Calcium	21 B	(0.0175)		
						Iron	0.011	(0.0043)	0	
						Magnesium	13	(0.0479)		
						Manganese	0.52	(0.0016)		
						Potassium	1.6	(0.822)		
						Sodium	18 B	(0.0401)		
						Zinc	0.017	(0.004)	0	
MW-380	7060	NS	04/20/94	04/24/94	AAZ4_404241008	Arsenic	0.0039	(0.0021)		0.050 MCL
MW-380	7421	NS	04/20/94	04/22/94	AAZ1_404221400	Lead	0.0034	(0.0021)		0.015 MCL
MW-380	7470	NS	04/20/94	04/28/94	AAZ3_404272300	Mercury	0.00010	(0.0001)		0.0020 MCL
MW-380	7740	NS	04/20/94	04/24/94	AAZ4_404241451	Selenium	ND	(0.0018)		0.010 MCL
MW-41S	8010	NS	04/11/94	04/19/94	GCJAY1404190941	1,1-Dichloroethane	4.3	(0.666)		5.0 MCL
						1,1-Dichloroethane	17 P	(0.501)		6.0 MCL
						Methylene Chloride	2.6 PB	(0.562)		5.0 MCL
						Tetrachloroethene	145	(0.759)		5.0 MCL
						Trichloroethene	282	(1.03)		5.0 MCL
						cis-1,2-Dichloroethene	3.0	(0.413)		6.0 MCL
M209409	8010	FD	04/11/94	04/19/94	GCJAY1404190941	1,1-Dichloroethane	4.3	(0.666)		5.0 MCL
						1,1-Dichloroethane	16 P	(0.501)		6.0 MCL
						Methylene Chloride	1.9 B	(0.562)		5.0 MCL
						Tetrachloroethene	152	(0.759)		5.0 MCL
						Trichloroethene	281	(1.03)		5.0 MCL
						cis-1,2-Dichloroethene	2.9	(0.413)		6.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-41S	6010	NS	04/11/94	04/15/94	EMJA61404142300	Barium	0.062	(0.0005)	0	1.0 MCL
						Calcium	22	(0.148)		
						Chromium	0.010	(0.0025)		0.050 MCL
						Magnesium	15	(0.0228)		
						Manganese	0.044	(0.0004)		
						Nickel	0.19	(0.0099)		0.10 MCL
						Potassium	1.3	(0.37)		
						Sodium	18	(0.0397)		
						Thallium	0.025 B	(0.0172)	PF,R	0.0020 MCL
						Vanadium	0.020	(0.0024)		
						Zinc	0.012	(0.0015)	0	
M209409	6010	FD	04/11/94	04/15/94	EMJA61404142300	Barium	0.062	(0.0005)		1.0 MCL
						Calcium	22	(0.148)		
						Chromium	0.0083	(0.0025)		0.050 MCL
						Magnesium	16	(0.0228)		
						Manganese	0.045	(0.0004)		
						Nickel	0.19	(0.0099)		0.10 MCL
						Potassium	1.2	(0.37)		
						Sodium	19	(0.0397)		
						Thallium	0.046 B	(0.0172)		0.0020 MCL
						Vanadium	0.019	(0.0024)		
						Zinc	0.018	(0.0015)		
MW-41S	7060	NS	04/11/94	04/17/94	AAZ4_404171317	Arsenic	ND	(0.0021)		0.050 MCL
M209409	7060	FD	04/11/94	04/17/94	AAZ4_404171317	Arsenic	ND	(0.0021)		0.050 MCL
MW-41S	7421	NS	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
M209409	7421	FD	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
MW-41S	7470	NS	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
M209409	7470	FD	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-41S	7740	NS	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0017 S	(0.0006)		0.010 MCL
M209409	7740	FD	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0020 S	(0.0006)		0.010 MCL
MW-49S	8010	NS	04/22/94	05/02/94	GCJAY1405021237	Chloroform	0.99	(0.0533)		100 PMCL
						Methylene Chloride	0.17 PB	(0.0562)	R	5.0 MCL
						Tetrachloroethene	1.6	(0.0759)		5.0 MCL
						Trichloroethene	10	(0.103)		5.0 MCL
						cis-1,2-Dichloroethene	0.24	(0.0413)		6.0 MCL
MW-49S	8020	NS	04/22/94	04/28/94	GCKAY1404281420	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-49S	6010	NS	04/22/94	05/05/94	EMJA61405050900	Barium Calcium Chromium Iron Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.056 B 37 B 0.0062 0.015 B 12 0.025 B 0.016 4.7 24 B 0.017 0.038	(0.0009) (0.0175) (0.0052) (0.0045) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 0,R	1.0 MCL 0.050 MCL 0.10 MCL
MW-49S	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0027	(0.0021)		0.050 MCL
MW-49S	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL
MW-49S	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
MW-49S	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
MW-53	8010	NS	04/15/94	04/25/94	GCJAY1404241633	No Analytes Detected	ND			
MW-53	8020	NS	04/15/94	04/20/94	GCKAY1404191301	No Analytes Detected	ND			
MW-53	6010	NS	04/15/94	04/29/94	EMJA61404291000	Barium Calcium Iron Magnesium Manganese Potassium Sodium Vanadium Zinc	0.039 B 15 B 0.26 8.3 0.033 1.4 17 B 0.028 0.12	(0.0009) (0.0175) (0.0045) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL
MW-53	7060	NS	04/15/94	04/22/94	AAZ4_404221649	Arsenic	ND	(0.0021)		0.050 MCL
MW-53	7421	NS	04/15/94	04/20/94	AAZ1_404201830	Lead	ND	(0.0021)		0.015 MCL
MW-53	7470	NS	04/15/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-53	7740	NS	04/15/94	04/21/94	AAZ4_404210725	Selenium	ND	(0.0018)		0.010 MCL
MW-54	8010	NS	04/12/94	04/20/94	GCJAY1404201224	No Analytes Detected	ND			
MW-54	8020	NS	04/12/94	04/19/94	GCKAY1404181017	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-54	6010	NS	04/12/94	04/29/94	EMJA61404291000	Barium Calcium Iron Magnesium Manganese Potassium Sodium Vanadium Zinc	0.16 13 B 1.4 8.8 B 0.81 B 2.1 17 B 0.0072 0.0040	(0.0009) (0.0175) (0.0045) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)		1.0 MCL
MU-54	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	ND	(0.0006)		0.050 MCL
MU-54	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	ND	(0.0021)		0.015 MCL
MU-54	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-54	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MU-60	8010	NS	04/11/94	04/19/94	GCJAY1404190941	1,1,1-Trichloroethane 1,1-Dichloroethane Methylene Chloride Tetrachloroethane Trichloroethane	0.20 0.50 0.13 B 0.23 P 7.3	(0.166) (0.0501) (0.0562) (0.0759) (0.103)		200 MCL 6.0 MCL 5.0 MCL 5.0 MCL 5.0 MCL
MU-60	8020	NS	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
M2094.10	8020	FD	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
MU-70	8010	NS	04/22/94	05/02/94	GCJAY1405021237	No Analytes Detected	ND			
MU-70	8020	NS	04/22/94	04/28/94	GCKAY1404281420	No Analytes Detected	ND			
MU-70	6010	NS	04/22/94	05/05/94	EMJA61405050900	Barium Calcium Cobalt Iron Magnesium Manganese Potassium Sodium Vanadium Zinc	0.034 B 15 B 0.0058 B 0.062 B 8.0 0.035 B 1.4 15 B 0.027 0.0047	(0.0009) (0.0175) (0.0041) (0.0045) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	O R O, R	1.0 MCL
MU-70	7060	NS	04/22/94	04/27/94	AAZ4_404270818	Arsenic	0.0032	(0.0021)		0.050 MCL
MU-70	7421	NS	04/22/94	04/26/94	AAZ2_404261702	Lead	ND	(0.0022)		0.015 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-70	7470	NS	04/22/94	05/03/94	AAZ3_405031953	Mercury	ND	(0.0001)		0.0020 MCL
MU-70	7740	NS	04/22/94	04/26/94	AAZ4_404261725	Selenium	ND	(0.0018)		0.010 MCL
MU-89	8010	NS	04/13/94	04/22/94	GCJAY1404211506	1,1-Dichloroethene Methylene Chloride	135 5.9 B	(0.501) (0.562)		6.0 MCL 5.0 MCL
MU-89	8020	NS	04/13/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
MU-89	6010	NS	04/13/94	04/29/94	EMJAY1404291000	Barium Calcium Iron Magnesium Manganese Potassium Sodium Vanadium Zinc	0.036 12 B 0.16 8.4 B 0.063 B 1.1 16 B 0.021 0.0062	(0.0009) (0.0175) (0.0045) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)	O O R O	1.0 MCL
MU-89	7060	NS	04/13/94	04/18/94	AAZ3_404181604	Arsenic	0.0022	(0.0006)		0.050 MCL
MU-89	7421	NS	04/13/94	04/18/94	AAZ1_404181400	Lead	0.0079	(0.0021)		0.015 MCL
MU-89	7470	NS	04/13/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MU-89	7740	NS	04/13/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MU-90	8010	NS	04/20/94	04/26/94	GCJAY1404261314	1,1-Dichloroethene Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	0.60 0.11 P 7.8 1.4	(0.0501) (0.0562) (0.103) (0.0413)	PF	6.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
M209411	8010	FD	04/20/94	04/26/94	GCJAY1404261314	1,1-Dichloroethene Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	0.59 0.20 7.5 1.5	(0.0501) (0.0562) (0.103) (0.0413)		6.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MU-90	8020	NS	04/20/94	04/26/94	GCJAY2404261314	No Analytes Detected	ND			
MU-90	6010	NS	04/20/94	05/05/94	EMJAY1405050900	Barium Calcium Cobalt Iron Magnesium Manganese Sodium Zinc	0.030 4.4 B 0.0072 B 5.6 3.1 0.27 12 B 0.024	(0.0009) (0.0175) (0.0041) (0.0045) (0.0479) (0.0016) (0.0401) (0.004)	O O R	1.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MJ-90	7060	NS	04/20/94	04/24/94	AAZ4_404241008	Arsenic	ND	(0.0021)		0.050 MCL
MJ-90	7421	NS	04/20/94	04/22/94	AAZ1_404221400	Lead	ND	(0.0021)		0.015 MCL
MJ-90	7470	NS	04/20/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MJ-90	7740	NS	04/20/94	04/24/94	AAZ4_404241451	Selenium	ND	(0.0018)		0.010 MCL
MJ-100	8010	NS	04/21/94	04/28/94	GCJAY1404271440	No Analytes Detected	ND			
MJ-100	8020	NS	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			
MJ-100	6010	NS	04/21/94	05/05/94	EMJA61405050900	Antimony Arsenic Barium Beryllium Calcium Chromium Magnesium Nickel Potassium Sodium Vanadium Zinc	0.081 0.067 0.049 0.00060 12.8 0.015 8.3 0.040 1.4 14.8 0.028 0.017 B	(0.076) (0.0468) (0.0009) (0.0005) (0.0175) (0.0052) (0.0479) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 0	0.0060 MCL 0.050 MCL 1.0 MCL 0.0040 MCL 0.050 MCL 0.10 MCL
MJ-100	7060	NS	04/21/94	04/26/94	AAZ3_404261537	Arsenic	0.0017	(0.0006)		0.050 MCL
MJ-100	7421	NS	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL
MJ-100	7470	NS	04/21/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MJ-100	7740	NS	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
MJ-100	8010	NS	04/19/94	04/26/94	GCJAY1404251134	No Analytes Detected	ND			
MJ-108	8010	NS	04/13/94	04/21/94	GCJAY1404211506	No Analytes Detected	ND			
MJ-108	8020	NS	04/13/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
MJ-108	6010	NS	04/13/94	04/29/94	EMJA61404291000	Barium Calcium Chromium Magnesium Potassium Sodium Vanadium	0.044 14.8 0.0087 9.3 B 5.3 27.8 0.041	(0.0009) (0.0175) (0.0052) (0.0479) (0.822) (0.0401) (0.0045)	0	1.0 MCL 0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MJ-108	7060	NS	04/13/94	04/18/94	AAZ3_404181604	Arsenic	0.0060	(0.0006)		0.050 MCL
MJ-108	7421	NS	04/13/94	04/18/94	AAZ1_404181400	Lead	ND	(0.0021)		0.015 MCL
MJ-108	7470	NS	04/13/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MJ-108	7740	NS	04/13/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MJ-111	8010	NS	04/14/94	04/24/94	GCJAY1404261633	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Chloroform Trichloroethene cis-1,2-Dichloroethene	8.4 0.16 P 0.16 0.48 2.2 1.2	(0.0666) (0.0501) (0.08) (0.0533) (0.103) (0.0413)		5.0 MCL 6.0 MCL 0.50 MCL 100 PML 5.0 MCL 6.0 MCL
MJ-133	8010	NS	04/20/94	04/27/94	GCJAY1404261314	Methylene Chloride	0.18	(0.0562)		5.0 MCL
MJ-133	8020	NS	04/20/94	04/27/94	GCJAY2404261314	No Analytes Detected	ND			
MJ-133	6010	NS	04/20/94	05/05/94	ENJA61405050900	Aluminum Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.10 0.054 20 B 0.0080 13 0.010 0.034 2.1 18 B 0.021 0.0045	(0.0523) (0.0009) (0.0175) (0.0052) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL 1.0 MCL 0.050 MCL 0.10 MCL
MJ-133	7060	NS	04/20/94	04/24/94	AAZ4_404241008	Arsenic	ND	(0.0021)		0.050 MCL
MJ-133	7421	NS	04/20/94	04/22/94	AAZ1_404221400	Lead	ND	(0.0021)		0.015 MCL
MJ-133	7470	NS	04/20/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MJ-133	7740	NS	04/20/94	04/24/94	AAZ4_404241451	Selenium	ND	(0.0018)		0.010 MCL
MJ-135	8010	NS	04/21/94	04/28/94	GCJAY1404271440	1,2-Dichloroethane Chloroform Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	0.11 H 0.84 H 0.19 H 9.6 H 2.5 H	(0.08) (0.0533) (0.0562) (0.103) (0.0413)		0.50 MCL 100 PML 5.0 MCL 5.0 MCL 6.0 MCL
MJ-135	8020	NS	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-135	6010	NS	04/21/94	05/05/94	EMJA61405050900	Barium Calcium Chromium Magnesium Potassium Sodium Vanadium Zinc	0.054 19 B 0.012 10 1.8 15 B 0.028 0.0048 B	(0.0009) (0.0175) (0.0052) (0.0479) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL 0.050 MCL
MW-135	7060	NS	04/21/94	04/26/94	AAZ3_404261537	Arsenic	0.0019	(0.0006)		0.050 MCL
MW-135	7421	NS	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL
MW-135	7470	NS	04/21/94	04/28/94	AAZ3_404272300	Mercury	0.00010	(0.0001)		0.0020 MCL
MW-135	7740	NS	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
MW-136	8010	NS	04/15/94	04/25/94	GCJAY1404241633	1,1-Dichloroethane Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	2.9 0.45 P 42 1.6	(0.333) (0.281) (0.515) (0.206)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-136	8020	NS	04/15/94	04/20/94	GCKAY1404191301	No Analytes Detected	ND			
M209414	8020	FD	04/15/94	04/20/94	GCKAY1404191301	No Analytes Detected	ND			
MW-136	6010	NS	04/15/94	04/29/94	EMJA61404291000	Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.089 B 30 B 0.0067 21 0.0080 0.090 2.6 23 B 0.022 0.0090	(0.0009) (0.0175) (0.0052) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL 0.050 MCL 0.10 MCL
M209414	6010	FD	04/15/94	04/29/94	EMJA61404291000	Barium Calcium Chromium Cobalt Magnesium Manganese Nickel Potassium Sodium	0.090 B 30 B 0.0068 0.0059 21 0.0062 0.094 2.1 22 B	(0.0009) (0.0175) (0.0052) (0.0041) (0.0479) (0.0016) (0.0141) (0.822) (0.0401)		1.0 MCL 0.050 MCL 0.10 MCL

[illegible]

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-142	8010	NS	04/20/94	04/27/94	GCJAY1404261314	No Analytes Detected	ND			
MW-142	8020	NS	04/20/94	04/27/94	GCJAY2404261314	No Analytes Detected	ND			
MW-142	6010	NS	04/20/94	05/05/94	EMJAG1405050900	Barium Beryllium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.048 0.00050 15.8 0.014 11 0.0031 0.024 1.8 13.8 0.029 0.015	(0.0009) (0.0005) (0.0175) (0.0052) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 0	1.0 MCL 0.0040 MCL 0.050 MCL 0.10 MCL
MW-142	7060	NS	04/20/94	04/24/94	AAZ4_404241008	Arsenic	0.0042	(0.0021)		0.050 MCL
MW-142	7421	NS	04/20/94	04/22/94	AAZ1_404221400	Lead	ND	(0.0021)		0.015 MCL
MW-142	7470	NS	04/20/94	04/28/94	AAZ3_404272300	Mercury	0.00010	(0.0001)		0.0020 MCL
MW-142	7740	NS	04/20/94	04/24/94	AAZ4_404241451	Selenium	ND	(0.0018)		0.010 MCL
MW-149	8010	NS	04/19/94	04/26/94	GCJAY1404251134	Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	0.16 HB 0.96 H 0.25 H	(0.0562) (0.103) (0.0413)	R	5.0 MCL 5.0 MCL 6.0 MCL
MW-149	8020	NS	04/19/94	04/27/94	GCKAY1404261335	No Analytes Detected	ND			
MW-150	8010	NS	04/04/94	04/14/94	GCJAY1404141106	Carbon Tetrachloride Methylene Chloride Tetrachloroethene	0.30 H 0.084 HB 0.099 H	(0.0493) (0.0562) (0.0759)	R	0.50 MCL 5.0 MCL 5.0 MCL
MW-151	8010	NS	04/01/94	04/12/94	GCJAY1404111647	Tetrachloroethene	0.24 H	(0.0759)		5.0 MCL
MW-152	8010	NS	04/01/94	04/12/94	GCJAY1404111647	Methylene Chloride	0.23 HB	(0.0562)	R	5.0 MCL
MW-153	8010	NS	04/05/94	04/15/94	GCJAY1404151218	1,1-Dichloroethene Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	0.34 H 1.7 H 4.3 H 31 H 4.7 H	(0.1) (0.112) (0.152) (0.206) (0.0826)		6.0 MCL 5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
M209415	8010	FD	04/05/94	04/15/94	GCJAY1404151218	1,2-Dichloroethane Chloroform	0.13 P 0.67	(0.08) (0.0533)		0.50 MCL 100 PMCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
M209415	8010	FD	04/05/94	04/15/94	GCJAY1404151218	Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	0.14 4.1 29 4.6	(0.0562) (0.0759) (0.103) (0.0413)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-153	6010	NS	04/05/94	04/15/94	EMJAY1404142300	Arsenic Barium Cadmium Calcium Chromium Lead Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.032 B 0.037 0.0021 13 0.011 0.035 9.6 0.0055 0.040 1.9 17 0.042 B 0.028 0.044	(0.0225) (0.0005) (0.0017) (0.148) (0.0025) (0.027) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R O	0.050 MCL 1.0 MCL 0.0050 MCL 0.050 MCL 0.015 MCL 0.10 MCL 0.0020 MCL 0.050 MCL 0.015 MCL 0.010 MCL
MW-153	7060	NS	04/05/94	04/12/94	AAZ4_404121634	Arsenic	0.0029	(0.0021)		0.050 MCL
MW-153	7421	NS	04/05/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MW-153	7470	NS	04/05/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-153	7740	NS	04/05/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MW-164	8010	NS	04/05/94	04/16/94	GCJAY1404151218	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Chloroform Trichloroethene cis-1,2-Dichloroethene	1.7 H 2.3 H 0.23 H 0.91 H 14 H 13 H	(0.0666) (0.0501) (0.08) (0.0533) (0.103) (0.0413)		5.0 MCL 6.0 MCL 0.50 MCL 100 PMCL 5.0 MCL 6.0 MCL
EB-164	8010	EB	04/05/94	04/15/94	GCJAY1404151218	No Analytes Detected	ND			
MW-164	8020	NS	04/05/94	04/13/94	GCKAY1404131145	No Analytes Detected	ND			
EB-164	8020	EB	04/05/94	04/13/94	GCKAY1404131145	No Analytes Detected	ND			
MW-164	6010	NS	04/05/94	04/15/94	EMJAY1404142300	Barium Calcium Chromium Magnesium Manganese Nickel	0.057 20 0.011 14 0.00060 0.018	(0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099)	O	1.0 MCL 0.050 MCL 0.10 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-164	6010	NS	04/05/94	04/15/94	EMJ61404142200	Potassium Sodium Vanadium Zinc	1.3 21 0.024 0.089	(0.37) (0.0397) (0.0024) (0.0015)		
MU-164	7060	NS	04/05/94	04/12/94	AAZ4_404121634	Arsenic	0.0032	(0.0021)		0.050 MCL
MU-164	7421	NS	04/05/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MU-164	7470	NS	04/05/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-164	7740	NS	04/05/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MU-169	8010	NS	04/04/94	04/14/94	GCJAY1404141106	Methylene Chloride Tetrachloroethene Trichloroethene	0.097 PB 0.38 P 6.2	(0.0562) (0.0759) (0.103)	R	5.0 MCL 5.0 MCL 5.0 MCL
MU-170	8010	NS	04/04/94	04/14/94	GCJAY1404141106	No Analytes Detected	ND			
MU-170	8020	NS	04/04/94	04/13/94	GCKAY1404131145	No Analytes Detected	ND			
MU-174	8010	NS	04/01/94	04/12/94	GCJAY1404111647	Methylene Chloride Trichloroethene	0.34 PB 0.93	(0.0562) (0.103)	R	5.0 MCL 5.0 MCL
MU-174	8020	NS	04/01/94	04/12/94	GCJAY2404111647	No Analytes Detected	ND			
MU-175	8010	NS	04/01/94	04/12/94	GCJAY1404111647	Methylene Chloride Trichloroethene	0.17 PB 0.20	(0.0562) (0.103)	R	5.0 MCL 5.0 MCL
MU-175	8020	NS	04/01/94	04/12/94	GCJAY2404111647	No Analytes Detected	ND			
MU-176	8010	NS	04/01/94	04/12/94	GCJAY1404111647	Methylene Chloride Tetrachloroethene Trichloroethene	0.80 PB 0.17 P 1.6	(0.0562) (0.0759) (0.103)		5.0 MCL 5.0 MCL 5.0 MCL
MU-176	8020	NS	04/01/94	04/12/94	GCJAY2404111647	No Analytes Detected	ND			
MU-178	8010	NS	04/04/94	04/14/94	GCJAY1404141106	1,1-Dichloroethene Carbon Tetrachloride Chloroform Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	0.41 29 3.5 0.51 PB 0.43 74 0.29	(0.1) (0.139) (0.107) (0.112) (0.152) (0.206) (0.0826)		6.0 MCL 0.50 MCL 100 PMCL 5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
EB-178	8010	EB	04/04/94	04/12/94	GCJAY1404111647	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level	
MW-178	8020	NS	04/04/94	04/12/94	GCKAY1404121541	No Analytes Detected	ND				
EB-178	8020	EB	04/04/94	04/12/94	GCJAY2404111647	No Analytes Detected	ND				
MW-178	6010	NS	04/04/94	04/15/94	ENJA61404142300	Arsenic Barium Calcium Chromium Magnesium Nickel Potassium Sodium Thallium Vanadium Zinc	0.041 B 0.078 26 0.0089 17 0.010 1.1 18 0.058 B 0.022 0.026	R O	0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL		
MW-178	7060	NS	04/04/94	04/12/94	AAZ4_404121634	Arsenic	ND	(0.0021)		0.050 MCL	
MW-178	7421	NS	04/04/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL	
MW-178	7470	NS	04/04/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL	
MW-178	7740	NS	04/04/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL	
MW-179	8010	NS	04/04/94	04/14/94	GCJAY1404141106	No Analytes Detected	ND				
MW-182	8020	NS	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND				
EB-182	8020	EB	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND				
MW-182	6010	NS	04/12/94	04/29/94	ENJA61404291000	Barium Calcium Chromium Magnesium Nickel Potassium Sodium Vanadium Zinc	0.032 15 B 0.0056 11 B 0.038 1.8 14 B 0.032 0.016	O	1.0 MCL 0.050 MCL 0.10 MCL		
EB-182	6010	EB	04/12/94	04/29/94	ENJA61404291000	Calcium Iron Potassium Sodium Zinc	0.12 B 0.013 1.8 2.0 B 0.0046				
MW-182	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0029	(0.0006)		0.050 MCL	

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EB-182	7060	EB	04/12/94	04/18/94	AA23_404181604	Arsenic	ND	(0.0006)		0.050 MCL
MJ-182	7421	NS	04/12/94	04/18/94	AA21_404181400	Lead	ND	(0.0021)		0.015 MCL
EB-182	7421	EB	04/12/94	04/18/94	AA21_404181400	Lead	ND	(0.0021)		0.015 MCL
MJ-182	7470	NS	04/12/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EB-182	7470	EB	04/12/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MJ-182	7740	NS	04/12/94	04/18/94	AA24_404181728	Selenium	ND	(0.0018)		0.010 MCL
EB-182	7740	EB	04/12/94	04/18/94	AA24_404181728	Selenium	ND	(0.0018)		0.010 MCL
MJ-191	8010	NS	04/05/94	04/16/94	GCJAY1404151218	Tetrachloroethene Trichloroethene	0.74 H 3.1 H	(0.0759) (0.103)		5.0 MCL 5.0 MCL
M209416	8010	FD	04/05/94	04/15/94	GCJAY1404151218	Carbon Tetrachloride Methylene Chloride Tetrachloroethene Trichloroethene	0.076 P 0.18 P 0.61 2.5	(0.0693) (0.0562) (0.0759) (0.103)		0.50 MCL 5.0 MCL 5.0 MCL 5.0 MCL
MJ-191	8020	NS	04/05/94	04/13/94	GCKAY1404131145	No Analytes Detected	ND			0.050 MCL
M209416	8020	FD	04/05/94	04/13/94	GCKAY1404131145	No Analytes Detected	ND			
MJ-194	8010	NS	04/05/94	04/16/94	GCJAY1404151218	Trichloroethene	0.46 H	(0.103)	PF	5.0 MCL
M209417	8010	FD	04/05/94	04/15/94	GCJAY1404151218	Methylene Chloride Trichloroethene	0.10 P 0.26	(0.0562) (0.103)		5.0 MCL 5.0 MCL
MJ-197	8010	NS	04/07/94	04/18/94	GCJAY1404180852	Trichloroethene	0.24	(0.103)		5.0 MCL
MJ-198	8010	NS	04/07/94	04/18/94	GCJAY1404180852	Methylene Chloride Tetrachloroethene Trichloroethene	0.062 H 0.49 H 0.91 H	(0.0562) (0.0759) (0.103)		5.0 MCL 5.0 MCL 5.0 MCL
MJ-199	8010	NS	04/07/94	04/18/94	GCJAY1404180852	No Analytes Detected	ND			
MJ-199	8020	NS	04/07/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
M209418	8020	FD	04/07/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
MJ-201	8010	NS	04/15/94	04/25/94	GCJAY1404241633	Methylene Chloride Trichloroethene	0.063 P 1.6	(0.0562) (0.103)		5.0 MCL 5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	No Analytes Detected	Result	Reporting Limit	Qualified Results	Action Level
MJ-201	8020	NS	04/15/94	04/20/94	GCKAY1404191301	Barium	ND	ND	(0.0009)	0	1.0 MCL
MJ-201	6010	NS	04/15/94	04/29/94	ENJA61404291000	Calcium	0.047 B	14.8	(0.0175)		0.050 MCL
						Chromium	0.0099	0.0091	(0.0052)	0	
						Iron	0.0091	9.8	(0.0045)		
						Magnesium	0.0051	0.0051	(0.0479)		
						Manganese	0.058	0.058	(0.0016)		
						Nickel	8.4	8.4	(0.0141)		0.10 MCL
						Potassium	19.8	19.8	(0.822)		
						Sodium	0.028	0.028	(0.0401)		
						Vanadium	0.0082	0.0082	(0.0045)	0	
						Zinc	0.0082	0.0082	(0.004)		
EB-201	6010	EB	04/15/94	04/29/94	ENJA61404291000	Beryllium	0.0080	0.0080	(0.0005)		0.0040 MCL
						Calcium	0.13 B	0.13 B	(0.0175)		
						Sodium	0.097 B	0.097 B	(0.0401)		
						Zinc	0.0084	0.0084	(0.004)		
MJ-201	7060	NS	04/15/94	04/22/94	AAZ4_404221649	Arsenic	0.0041	0.0041	(0.0021)		0.050 MCL
EB-201	7060	EB	04/15/94	04/22/94	AAZ4_404221649	Arsenic	ND	ND	(0.0021)		0.050 MCL
MJ-201	7421	NS	04/15/94	04/20/94	AAZ1_404201830	Lead	ND	ND	(0.0021)		0.015 MCL
EB-201	7421	EB	04/15/94	04/20/94	AAZ1_404201830	Lead	ND	ND	(0.0021)		0.015 MCL
MJ-201	7470	NS	04/15/94	04/28/94	AAZ3_404272300	Mercury	ND	ND	(0.0001)		0.0020 MCL
EB-201	7470	EB	04/15/94	04/28/94	AAZ3_404272300	Mercury	ND	ND	(0.0001)		0.0020 MCL
MJ-201	7740	NS	04/15/94	04/21/94	AAZ4_404210725	Selenium	ND	ND	(0.0018)		0.010 MCL
EB-201	7740	EB	04/15/94	04/21/94	AAZ4_404210725	Selenium	ND	ND	(0.0018)		0.010 MCL
MJ-210	8010	NS	04/05/94	04/16/94	GCJAY1404151218	1,1-Dichloroethene	1.3 H	1.3 H	(0.0501)		6.0 MCL
						Carbon Tetrachloride	8.8 H	8.8 H	(0.0693)		0.50 MCL
						Chloroform	0.78 H	0.78 H	(0.0533)		100 PMCL
						Methylene Chloride	0.16 H	0.16 H	(0.0562)		5.0 MCL
						Trichloroethene	2.3 H	2.3 H	(0.103)		5.0 MCL
M209419	8010	FD	04/05/94	04/15/94	GCJAY1404151218	Carbon Tetrachloride	8.6	8.6	(0.0693)		0.50 MCL
						Chloroform	0.74	0.74	(0.0533)		100 PMCL
						Methylene Chloride	0.24	0.24	(0.0562)		5.0 MCL
						Trichloroethene	2.4	2.4	(0.103)		5.0 MCL
						Trichlorofluoromethane	0.49 P	0.49 P	(0.0637)		150 AL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-210	6010	NS	04/05/94	04/15/94	EHJA61404142300	Arsenic Barium Calcium Chromium Magnesium Manganese Nickel Potassium Selenium Sodium Thallium Vanadium Zinc	0.049 B 0.100 37 0.0056 25 0.0082 0.060 1.9 0.047 23 0.042 B 0.020 0.057	(0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099) (0.37) (0.0417) (0.0397) (0.0172) (0.0024) (0.0015)	R O	0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.010 MCL 0.0020 MCL
EB-210	6010	EB	04/05/94	04/15/94	EHJA61404142300	Arsenic Barium Calcium Iron Magnesium Sodium Zinc	0.026 B 0.0037 1.6 0.019 B 1.0 0.93 0.0082	(0.0225) (0.0005) (0.148) (0.006) (0.0228) (0.0397) (0.0015)		0.050 MCL 1.0 MCL
MW-210	7060	NS	04/05/94	04/12/94	AAZ4_404121634	Arsenic	ND	(0.0021)		0.050 MCL
EB-210	7060	EB	04/05/94	04/12/94	AAZ4_404121634	Arsenic	ND	(0.0021)		0.050 MCL
MW-210	7421	NS	04/05/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
EB-210	7421	EB	04/05/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MW-210	7470	NS	04/05/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EB-210	7470	EB	04/05/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-210	7740	NS	04/05/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
EB-210	7740	EB	04/05/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MW-212	8010	NS	04/05/94	04/16/94	GCJAY1404151218	Carbon Tetrachloride Chloroform Trichloroethene	0.51 0.85 1.4	(0.0693) (0.0533) (0.103)		0.50 MCL 100 PMCL 5.0 MCL
MW-212	8020	NS	04/05/94	04/14/94	GCKAY1404131145	No Analytes Detected	ND			
MW-214	8010	NS	04/11/94	04/19/94	GCJAY1404190941	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane	19 0.52 0.13 P	(0.0666) (0.0501) (0.08)		5.0 MCL 6.0 MCL 0.50 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-214	8010	NS	04/11/94	04/19/94	GCJAY1404190941	Chloroform	0.77	(0.0533)		100 PMCL
						Methylene Chloride	0.11 B	(0.0562)	R	5.0 MCL
						Tetrachloroethene	0.88	(0.0759)		5.0 MCL
						Trichloroethene	9.7	(0.103)		5.0 MCL
						cis-1,2-Dichloroethene	18	(0.0413)		6.0 MCL
EB-214	8010	EB	04/11/94	04/19/94	GCJAY1404190941	No Analytes Detected	ND			
MW-214	8020	NS	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
EB-214	8020	EB	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
MW-214	6010	NS	04/11/94	04/15/94	EMJA61404142300	Arsenic	0.026	(0.0225)		0.050 MCL
						Barium	0.047	(0.0005)	0	1.0 MCL
						Calcium	24	(0.148)		
						Chromium	0.0089	(0.0025)		0.050 MCL
						Iron	0.029	(0.006)		
						Magnesium	17	(0.0228)		
						Manganese	0.014	(0.0004)		
						Nickel	0.36	(0.0099)		
						Potassium	0.86	(0.37)		0.10 MCL
						Sodium	20	(0.0397)		
						Vanadium	0.018	(0.0024)		
						Zinc	0.014	(0.0015)	0	
MW-214	7060	NS	04/11/94	04/17/94	AAZ4_404171317	Arsenic	ND	(0.0021)		0.050 MCL
MW-214	7421	NS	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
MW-214	7470	NS	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-214	7740	NS	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0024 S	(0.0006)		0.010 MCL
MW-218	8010	NS	04/05/94	04/15/94	GCJAY1404141106	Methylene Chloride	0.17 PB	(0.0562)	R	5.0 MCL
						Trichloroethene	0.96	(0.103)		5.0 MCL
						cis-1,2-Dichloroethene	0.56	(0.0413)		6.0 MCL
MW-222	8010	NS	04/04/94	04/15/94	GCJAY1404141106	Carbon Tetrachloride	1.9 H	(0.0693)		0.50 MCL
						Chloroform	2.3 H	(0.0533)		100 PMCL
						Methylene Chloride	1.1 B	(0.0562)		5.0 MCL
						Trichloroethene	9.7 H	(0.103)		5.0 MCL
						cis-1,2-Dichloroethene	2.4 H	(0.0413)		6.0 MCL
MW-222	8020	NS	04/04/94	04/13/94	GCKAY1404131145	No Analytes Detected	ND			
MW-228	8010	NS	04/11/94	04/20/94	GCJAY1404190941	1,1-Dichloroethane	0.70	(0.0666)		5.0 MCL
						1,1-Dichloroethene	13	(0.0501)		6.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-228	8010	NS	04/11/94	04/20/94	GCJAY1404190941	1,2-Dichlorobenzene	0.44 P	(0.0893)		130 AL
						1,2-Dichloroethane	11	(0.08)		0.50 MCL
						Chloroform	3.1	(0.0533)		100 PMCL
						Methylene Chloride	0.89 B	(0.0562)		5.0 MCL
						Tetrachloroethene	1.5	(0.0759)		5.0 MCL
						Trichloroethene	11	(0.103)		5.0 MCL
MU-228	8020	NS	04/11/94	04/16/94	GCKAY1404161142	cis-1,2-Dichloroethene	0.68	(0.0413)		6.0 MCL
						1,2-Dichlorobenzene	0.34 H	(0.146)		130 AL
						1,4-Dichlorobenzene	0.20 H	(0.137)		5.0 MCL
						Benzene	8.1 H	(0.072)	PF	1.0 MCL
						Chlorobenzene	0.091 H	(0.0295)		30 AL
						Toluene	0.25 H	(0.024)	PF	
M209420	8020	FD	04/11/94	04/16/94	GCKAY1404161142	1,2-Dichlorobenzene	0.25	(0.146)		130 AL
						Benzene	4.5 P	(0.072)		1.0 MCL
						Ethylbenzene	0.065	(0.0188)		680 MCL
						Total Xylenes	0.20	(0.039)		1750 MCL
						Antimony	0.027	(0.0241)	PF	0.0060 MCL
						Barium	0.16	(0.0005)		1.0 MCL
MU-228	6010	NS	04/11/94	04/15/94	EHJA61404142300	Calcium	59	(0.148)		
						Magnesium	38	(0.0228)		
						Manganese	0.12	(0.0004)		0.10 MCL
						Nickel	0.016	(0.0099)		
						Potassium	2.4	(0.37)		
						Sodium	26	(0.0397)		
M209420	6010	FD	04/11/94	04/15/94	ENJA61404142300	Thallium	0.059 B	(0.0172)	R	0.0020 MCL
						Vanadium	0.020	(0.0024)		
						Zinc	0.017	(0.0015)	O	
						Antimony	0.065	(0.0241)		0.0060 MCL
						Arsenic	0.023	(0.0225)		0.050 MCL
						Barium	0.16	(0.0005)		1.0 MCL
MU-228	7060	NS	04/11/94	04/17/94	AAZ4_404171317	Calcium	59	(0.148)		
						Magnesium	38	(0.0228)		
						Manganese	0.12	(0.0004)		0.10 MCL
						Nickel	0.013	(0.0099)		
						Potassium	2.1	(0.37)		
						Sodium	26	(0.0397)		
M209420	7060	FD	04/11/94	04/17/94	AAZ4_404171317	Thallium	0.043 B	(0.0172)		0.0020 MCL
						Vanadium	0.017	(0.0024)		
						Zinc	0.013	(0.0015)		
						Arsenic	ND	(0.0021)		0.050 MCL
							ND	(0.0021)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MJ-228	7421	NS	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
M209420	7421	FD	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
MJ-228	7470	NS	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
M209420	7470	FD	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MJ-228	7740	NS	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0027 S	(0.0006)		0.010 MCL
M209420	7740	FD	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0029 S	(0.0006)		0.010 MCL
MJ-229	8010	NS	04/11/94	04/20/94	GCJAY1404190941	No Analytes Detected	ND			
MJ-229	8020	NS	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
MJ-231	8010	NS	04/21/94	04/28/94	GCJAY1404271440	No Analytes Detected	ND			
MJ-231	8020	NS	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			
MJ-231	6010	NS	04/21/94	05/05/94	EWJA61405050900	Barium Calcium Chromium Magnesium Manganese Potassium Sodium Thallium Vanadium Zinc	0.059 23 B 0.0077 15 0.0022 B 3.7 21 B 0.093 0.016 0.010 B	(0.0009) (0.0175) (0.0052) (0.0479) (0.0016) (0.822) (0.0401) (0.0833) (0.0045) (0.004)	0	1.0 MCL 0.050 MCL
MJ-231	7060	NS	04/21/94	04/26/94	AAZ3_404261537	Arsenic	ND	(0.0006)		0.050 MCL
MJ-231	7421	NS	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL
MJ-231	7470	NS	04/21/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MJ-231	7740	NS	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
MJ-232	8010	NS	04/19/94	04/26/94	GCJAY1404251134	No Analytes Detected	ND			
MJ-232	8020	NS	04/19/94	04/27/94	GCKAY1404261335	No Analytes Detected	ND			
MJ-232	6010	NS	04/19/94	05/05/94	EWJA61405050900	Barium Calcium Chromium	0.041 19 B 0.0061	(0.0009) (0.0175) (0.0052)	0	1.0 MCL 0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-232	6010	NS	04/19/94	05/05/94	EMJA61405050900	Magnesium Manganese Potassium Sodium Vanadium Zinc	13 0.0028 4.3 23 B 0.016 0.0048	(0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)		
MU-232	7060	NS	04/19/94	04/24/94	AAZ4_404241008	Arsenic	ND	(0.0021)		0.050 MCL
MU-232	7421	NS	04/19/94	04/22/94	AAZ1_404221400	Lead	ND	(0.0021)		0.015 MCL
MU-232	7470	NS	04/19/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MU-232	7740	NS	04/19/94	04/24/94	AAZ4_404241451	Selenium	ND	(0.0018)		0.010 MCL
MU-235	8010	NS	04/07/94	04/18/94	GCJAY1404180852	Methylene Chloride Tetrachloroethene Trichloroethene	66 4510 13100	(28.1) (38) (51.5)		5.0 MCL 5.0 MCL 5.0 MCL
MU-235	8020	NS	04/07/94	04/15/94	GCKAY1404141450	Toluene	1.2 P	(0.024)		
MU-235	6010	NS	04/07/94	04/15/94	EMJA61404142300	Arsenic Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.038 B 0.020 16 0.013 11 0.0019 0.10 1.2 16 0.022 B 0.023 0.036 B	(0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R R	0.050 MCL 1.0 MCL
MU-235	7060	NS	04/07/94	04/15/94	AAZ4_404151704	Arsenic	ND	(0.0021)		0.050 MCL
MU-235	7421	NS	04/07/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MU-235	7470	NS	04/07/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-235	7740	NS	04/07/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MU-237	8010	NS	04/12/94	04/20/94	GCJAY1404201224	Trichloroethene	1.6	(0.103)		5.0 MCL
EB-237	8010	EB	04/12/94	04/21/94	GCJAY1404201224	Methylene Chloride	0.15 B	(0.0562)		5.0 MCL
MU-237	8020	NS	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MJ-237	6010	NS	04/12/94	04/29/94	EMJA61404291000	Barium Calcium Copper Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.039 14.8 0.0092 8.8 B 0.0065 B 0.16 3.0 20.8 0.030 0.019	(0.0009) (0.0175) (0.0092) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 R 0	1.0 MCL 1.3 MCL 0.10 MCL
MJ-237	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0038	(0.0006)		0.050 MCL
MJ-237	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	ND	(0.0021)		0.015 MCL
MJ-237	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MJ-237	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MJ-240	8010	NS	04/12/94	04/20/94	GCJAY1404201224	Methylene Chloride Trichloroethene	0.19 B 0.30	(0.0562) (0.103)	R	5.0 MCL 5.0 MCL
MJ-240	8020	NS	04/12/94	04/18/94	GCJAY1404181017	No Analytes Detected	ND			
MJ-240	6010	NS	04/12/94	04/29/94	EMJA61404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.023 12.8 8.3 B 0.0023 B 0.014 1.4 16.8 0.032 0.023	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 R PF PF,0	1.0 MCL 0.10 MCL
M209421	6010	FD	04/12/94	04/29/94	EMJA61404291000	Barium Calcium Chromium Iron Magnesium Manganese Potassium Sodium Vanadium Zinc	0.023 13.8 0.0054 0.025 8.5 B 0.0025 B 2.5 18.8 0.032 0.046	(0.0009) (0.0175) (0.0052) (0.0045) (0.0479) (0.0016) (0.822) (0.0401) (0.0045) (0.004)		1.0 MCL 0.050 MCL
MJ-240	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0038	(0.0006)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
M209421	7060	FD	04/12/94	04/18/94	AA23_404181604	Arsenic	0.0030	(0.0006)		0.050 MCL
MW-240	7421	NS	04/12/94	04/18/94	AA21_404181400	Lead	ND	(0.0021)		0.015 MCL
M209421	7421	FD	04/12/94	04/18/94	AA21_404181400	Lead	ND	(0.0021)		0.015 MCL
MW-240	7470	NS	04/12/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
M209421	7470	FD	04/12/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-240	7740	NS	04/12/94	04/18/94	AA24_404181728	Selenium	ND	(0.0018)		0.010 MCL
M209421	7740	FD	04/12/94	04/18/94	AA24_404181728	Selenium	0.0023	(0.0018)		0.010 MCL
MW-241	8010	NS	04/06/94	04/16/94	GCJAY1404161400	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	5.6 37 31 1.2 74 3.2	(0.333) (0.25) (0.4) (0.281) (0.515) (0.206)		5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-241	8020	NS	04/06/94	04/14/94	GCJAY1404141450	1,2-Dichlorobenzene 1,4-Dichlorobenzene Benzene Chlorobenzene Toluene Total Xylenes	0.90 0.27 0.17 0.23 B 0.079 0.071	(0.146) (0.137) (0.072) (0.0295) (0.024) (0.039)		130 AL 5.0 MCL 1.0 MCL 30 AL 1750 MCL
MW-241	6010	NS	04/06/94	04/15/94	EMJA61404142300	Antimony Arsenic Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.072 0.042 0.062 23 0.0074 16 0.023 0.19 2.0 21 0.027 0.026 0.24	(0.0241) (0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0	0.0060 MCL 0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL
EB-241	6010	EB	04/06/94	04/15/94	EMJA61404142300	Copper Sodium Zinc	0.0088 0.68 0.021	(0.0038) (0.0397) (0.0015)	0	1.3 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-241	7060	NS	04/06/94	04/14/94	AAZ4_404141648	Arsenic	0.0031 S	(0.0021)		0.050 MCL
EB-241	7060	EB	04/06/94	04/14/94	AAZ4_404141648	Arsenic	ND	(0.0021)		0.050 MCL
MW-241	7421	NS	04/06/94	04/10/94	AAZ4_404101205	Lead	0.0011	(0.0006)		0.015 MCL
EB-241	7421	EB	04/06/94	04/10/94	AAZ4_404101205	Lead	ND	(0.0006)		0.015 MCL
MW-241	7470	NS	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EB-241	7470	EB	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-241	7740	NS	04/06/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
EB-241	7740	EB	04/06/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MW-242	8010	NS	04/06/94	04/16/94	GCJAY1404161400	1,1-Dichloroethene 1,2-Dichloroethane Trichloroethene	51 1.1 P 39	(0.25) (0.4) (0.515)		6.0 MCL 0.50 MCL 5.0 MCL
AB-242	8010	AB	04/06/94	04/16/94	GCJAY1404161400	No Analytes Detected	ND			
MW-242	8020	NS	04/06/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
AB-242	8020	AB	04/06/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
MW-242	6010	NS	04/06/94	04/15/94	ENJAJ61404142300	Antimony Barium Calcium Chromium Magnesium Nickel Potassium Sodium Thallium Vanadium Zinc	0.032 0.039 12 0.0096 8.5 0.027 0.84 15 0.034 0.032 0.026	(0.0241) (0.0005) (0.148) (0.0025) (0.0228) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0 0.0060 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL	
EB-242	6010	EB	04/06/94	04/15/94	ENJAJ61404142300	Sodium Zinc	0.93 0.011	(0.0397) (0.0015)		
MW-242	7060	NS	04/06/94	04/14/94	AAZ4_404141648	Arsenic	0.0042 S	(0.0021)		0.050 MCL
EB-242	7060	EB	04/06/94	04/14/94	AAZ4_404141648	Arsenic	ND	(0.0021)		0.050 MCL
MW-242	7421	NS	04/06/94	04/10/94	AAZ4_404101205	Lead	ND	(0.0006)		0.015 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EB-242	7421	EB	04/06/94	04/10/94	AA24_404101205	Lead	ND	(0.0006)		0.015 MCL
MW-242	7470	NS	04/06/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EB-242	7470	EB	04/06/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-242	7740	NS	04/06/94	04/11/94	AA24_404110800	Selenium	ND	(0.0018)		0.010 MCL
EB-242	7740	EB	04/06/94	04/11/94	AA24_404110800	Selenium	ND	(0.0018)		0.010 MCL
MW-243	8010	NS	04/06/94	04/16/94	GCJAY1404161400	No Analytes Detected	ND			
MW-243	8020	NS	04/06/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
MW-243	6010	NS	04/06/94	04/15/94	EMJAG1404142300	Arsenic Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.026 0.032 21 0.0077 14 0.0080 0.036 0.82 16 0.058 0.022 0.0098	(0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0 0	0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL
MW-243	7060	NS	04/06/94	04/14/94	AA24_404141648	Arsenic	0.0059 S	(0.0021)		0.050 MCL
MW-243	721	NS	04/06/94	04/10/94	AA24_404101205	Lead	ND	(0.0006)		0.015 MCL
MW-243	7470	NS	04/06/94	04/19/94	AA23_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-243	7740	NS	04/06/94	04/11/94	AA24_404110800	Selenium	ND	(0.0018)		0.010 MCL
MW-244	8010	NS	04/08/94	04/19/94	GCJAY1404180852	1,1-Dichloroethene Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	1.3 0.44 P 98 0.94 P	(0.25) (0.281) (0.515) (0.206)		6.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-244	8320	NS	04/08/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
MW-244	6010	NS	04/08/94	04/15/94	EMJAG1404142300	Barium Calcium Chromium Magnesium Nickel	0.029 20 0.0072 13 B 0.030	(0.0005) (0.148) (0.0025) (0.0228) (0.0099)	0	1.0 MCL 0.050 MCL 0.10 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MJ-244	6010	NS	04/08/94	04/15/94	EMJA61404142300	Potassium Sodium Vanadium Zinc	2.1 16 0.024 0.0098 B	(0.37) (0.0397) (0.0024) (0.0015)	0	
MJ-244	7060	NS	04/08/94	04/15/94	AAZ4_404151704	Arsenic	0.0024	(0.0021)		0.050 MCL
MJ-244	7421	NS	04/08/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MJ-244	7470	NS	04/08/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MJ-244	7740	NS	04/08/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MJ-270	8010	NS	04/12/94	04/20/94	GCJAY1404201224	Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	19 HB 311 H 2300 H 119 H	(5.62) (7.59) (10.3) (4.13)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
M209422	8010	FD	04/12/94	04/21/94	GCJAY1404201224	Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	30 B 361 2560 137	(5.62) (7.59) (10.3) (4.13)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MJ-270	8020	NS	04/12/94	04/18/94	GCKAY1404181017	Benzene Chlorobenzene Toluene	1.8 0.14 B 0.058 PB	(0.072) (0.0295) (0.024)	R R	1.0 MCL 30 AL
M209422	8020	FD	04/12/94	04/18/94	GCKAY1404181017	Benzene Chlorobenzene	2.0 0.13 B	(0.072) (0.0295)		1.0 MCL 30 AL
MJ-270	6010	NS	04/12/94	04/29/94	EMJA61404291000	Barium Beryllium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.022 0.00090 21 B 14 B 0.0086 B 0.11 2.8 20 B 0.023 0.022	(0.0009) (0.0005) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 R 0	1.0 MCL 0.0040 MCL 0.10 MCL
MJ-270	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0023	(0.0006)		0.050 MCL
MJ-270	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	ND	(0.0021)		0.015 MCL
MJ-270	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-270	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MW-271	8010	NS	04/12/94	04/20/94	GCJAY1404201224	1,2-Dichloroethane 1,2-Dichloropropane Carbon Tetrachloride Chloroform Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	3.4 0.20 0.34 1.3 0.47 B 3.5 46 0.59	(0.16) (0.0914) (0.139) (0.107) (0.112) (0.152) (0.206) (0.0826)		0.50 MCL 5.0 PMCL 0.50 MCL 100 PMCL 5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
M209423	8010	FD	04/12/94	04/21/94	GCJAY1404201224	1,2-Dichloroethane 1,2-Dichloropropane Carbon Tetrachloride Chloroform Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	3.0 0.16 0.33 P 1.0 2.8 38 0.51 P	(0.16) (0.0914) (0.139) (0.107) (0.152) (0.206) (0.0826)		0.50 MCL 5.0 PMCL 0.50 MCL 100 PMCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-271	8020	NS	04/12/94	04/18/94	GCKAY1404181017	No Analytes Detected	ND			
MW-271	6010	NS	04/12/94	04/29/94	ENJAG1404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.052 36 B 23 B 0.0060 B 0.023 3.2 26 B 0.024 0.015	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	O R O	1.0 0.10 MCL 0.050 MCL 0.015 MCL 0.0020 MCL 0.010 MCL 5.0 MCL 5.0 MCL 30 AL 1750 MCL 0.0060 MCL
MW-271	7060	NS	04/12/94	04/18/94	AAZ3_404181604	Arsenic	0.0023	(0.0006)		
MW-271	7421	NS	04/12/94	04/18/94	AAZ1_404181400	Lead	0.0064	(0.0021)		
MW-271	7470	NS	04/12/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		
MW-271	7740	NS	04/12/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		
MW-272	8010	NS	04/05/94	04/15/94	GCJAY1404141106	Methylene Chloride Trichloroethene	1.8 B 96	(0.281) (0.515)		5.0 MCL 5.0 MCL
MW-272	8020	NS	04/05/94	04/14/94	GCKAY1404131145	Chlorobenzene Toluene Total Xylenes	0.043 HB 0.050 HB 0.13 HB	(0.0295) (0.024) (0.039)		30 AL 1750 MCL
MW-272	6010	NS	04/05/94	04/15/94	ENJAG1404142300	Antimony	0.072 B	(0.0241)	R	0.0060 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-272	6010	NS	04/05/94	04/15/94	EMJA61404142300	Arsenic	0.041 B	(0.0225)	R	0.050 MCL
						Barium	0.012	(0.0005)	O	1.0 MCL
						Calcium	18	(0.148)		
						Chromium	0.017	(0.0025)		0.050 MCL
						Magnesium	11	(0.0228)		
						Nickel	0.025	(0.0099)		0.10 MCL
						Potassium	0.99	(0.37)		
						Sodium	16	(0.0397)		
						Thallium	0.031 B	(0.0172)	R	0.0020 MCL
						Vanadium	0.024	(0.0024)		
						Zinc	0.0091	(0.0015)	O	
MW-272	7060	NS	04/05/94	04/12/94	AAZ4_404121634	Arsenic	0.0031	(0.0021)		0.050 MCL
MW-272	7421	NS	04/05/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MW-272	7470	NS	04/05/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-272	7740	NS	04/05/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MW-282	8010	NS	04/07/94	04/18/94	GCJAY1404180852	Carbon Tetrachloride	0.83 H	(0.0693)		0.50 MCL
						Chloroform	1.4 H	(0.0533)		100 PMCL
						Methylene Chloride	0.093 H	(0.0562)		5.0 MCL
						Tetrachloroethene	0.34 H	(0.0759)		5.0 MCL
						Trichloroethene	37 H	(0.103)		5.0 MCL
MW-282	8020	NS	04/07/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
MW-282	6010	NS	04/07/94	04/15/94	EMJA61404142300	Antimony	0.054 B	(0.0241)	R	0.0060 MCL
						Barium	0.034	(0.0005)	O	1.0 MCL
						Calcium	19	(0.148)		
						Chromium	0.0096	(0.0025)		0.050 MCL
						Magnesium	14	(0.0228)		
						Potassium	1.6	(0.37)		
						Sodium	17	(0.0397)		
						Thallium	0.030 B	(0.0172)	R	0.0020 MCL
						Vanadium	0.025	(0.0024)		
						Zinc	0.015 B	(0.0015)	O	
MW-282	7060	NS	04/07/94	04/15/94	AAZ4_404151704	Arsenic	ND	(0.0021)		0.050 MCL
MW-282	7421	NS	04/07/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MW-282	7470	NS	04/07/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-282	7740	NS	04/07/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-283	8010	NS	04/07/94	04/18/94	GCJAY1404180852	Carbon Tetrachloride Chloroform Trichloroethene cis-1,2-Dichloroethene	0.083 H 0.63 H 0.93 H 1.2 H	(0.0693) (0.0533) (0.103) (0.0413)		0.50 MCL 100 PMCL 5.0 MCL 6.0 MCL
MU-283	8020	NS	04/07/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
MU-283	6010	NS	04/07/94	04/15/94	EMJJA6140414230	Antimony Barium Calcium Chromium Copper Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.024 B 0.015 18 0.012 0.0099 11 0.0060 0.026 1.4 17 0.025 0.014 B	(0.0241) (0.0005) (0.148) (0.0025) (0.0038) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0024) (0.0015)	R O	0.0060 MCL 1.0 MCL 0.050 MCL 1.3 MCL 0.10 MCL
MU-283	7060	NS	04/07/94	04/15/94	AAZ4_404151704	Arsenic	0.0026	(0.0021)		0.050 MCL
MU-283	7421	NS	04/07/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MU-283	7470	NS	04/07/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-283	7740	NS	04/07/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MU-284	8010	NS	04/07/94	04/18/94	GCJAY1404180852	Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	0.086 H 1.5 H 0.50 H	(0.0759) (0.103) (0.0413)		5.0 MCL 5.0 MCL 6.0 MCL
MU-284	8020	NS	04/07/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
MU-284	6010	NS	04/07/94	04/15/94	EMJJA61404142300	Arsenic Barium Cadmium Calcium Chromium Magnesium Nickel Potassium Sodium Thallium Vanadium Zinc	0.039 B 0.037 0.0031 15 0.012 10 0.021 2.0 15 0.038 B 0.026 0.014 B	(0.0225) (0.0005) (0.0017) (0.148) (0.0025) (0.0228) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R O	0.050 MCL 1.0 MCL 0.0050 MCL 0.050 MCL 0.10 MCL 0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-284	7060	NS	04/07/94	04/15/94	AAZ4_404151704	Arsenic	ND	(0.0021)		0.050 MCL
MW-284	7421	NS	04/07/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MW-284	7470	NS	04/07/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-284	7740	NS	04/07/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MW-285	8010	NS	04/08/94	04/19/94	GCJAY1404180852	Tetrachloroethene Trichloroethene	0.76 H 0.11 H	(0.0759) (0.103)		5.0 MCL 5.0 MCL
MW-285	8020	NS	04/08/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
MW-285	6010	NS	04/08/94	04/15/94	EMJAG1404142300	Arsenic Barium Calcium Chromium Magnesium Potassium Sodium Thallium Vanadium Zinc	0.029 B 0.026 16 0.0085 7.6 B 1.7 16 0.038 B 0.030 0.017 B	(0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R O	0.050 MCL 1.0 MCL 0.050 MCL
MW-285	7060	NS	04/08/94	04/15/94	AAZ4_404151704	Arsenic	0.0033	(0.0021)		0.050 MCL
MW-285	7421	NS	04/08/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MW-285	7470	NS	04/08/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-285	7740	NS	04/08/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MW-286	8010	NS	04/07/94	04/18/94	GCJAY1404180852	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Chloroform Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	21 H 0.91 H 1.2 H 2.8 H 0.27 H 1.8 H 13 H 21 H	(0.0666) (0.0501) (0.08) (0.0533) (0.0562) (0.0759) (0.103) (0.0413)		5.0 MCL 6.0 MCL 0.50 MCL 100 PMCL 5.0 MCL 5.0 MCL 6.0 MCL
M209424	8010	FD	04/07/94	04/18/94	GCJAY1404180852	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane 1,2-Dichloropropane Chloroform Methylene Chloride	26 1.00 1.3 0.11 3.0 0.20	(0.0666) (0.0501) (0.08) (0.0457) (0.0533) (0.0562)		5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 100 PMCL 5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
A209424	8010	FD	04/07/94	04/18/94	GCJAY1404180852	Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	2.0 14 24	(0.0759) (0.103) (0.0413)		5.0 MCL 5.0 MCL 6.0 MCL
MU-286	8020	NS	04/07/94	04/15/94	GCKAY1404141450	Chlorobenzene	0.036 HB	(0.0295)	R	30 AL
MU-286	6010	NS	04/07/94	04/15/94	EHJA61404142300	Antimony Barium Calcium Chromium Iron Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.046 B 0.13 55 0.012 0.25 B 39 0.050 0.36 1.6 29 0.079 B 0.0097 0.20 B	(0.0241) (0.0005) (0.148) (0.0025) (0.006) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R R O	0.0060 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL 0.050 MCL
MU-286	7060	NS	04/07/94	04/15/94	AAZ4_404151704	Arsenic	ND	(0.0021)		0.050 MCL
MU-286	7421	NS	04/07/94	04/12/94	AAZ1_404121500	Lead	ND	(0.0021)		0.015 MCL
MU-286	7470	NS	04/07/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-286	7740	NS	04/07/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MU-287	8010	NS	04/11/94	04/19/94	GCJAY1404190941	1,1-Dichloroethene Methylene Chloride Tetrachloroethene Trichloroethene	6.2 P 2.1 PB 47 371	(0.501) (0.562) (0.759) (1.03)		6.0 MCL 5.0 MCL 5.0 MCL 5.0 MCL
MU-287	8020	NS	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
MU-287	6010	NS	04/11/94	04/15/94	EHJA61404142300	Antimony Arsenic Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.066 0.028 0.014 12 1.8 0.0029 0.017 3.6 5.9 0.0044 0.32	(0.0241) (0.0225) (0.0005) (0.148) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0024) (0.0015)	 O O O	0.0060 MCL 0.050 MCL 1.0 MCL 0.10 MCL O O

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-287	7060	NS	04/11/94	04/17/94	AAZ4_404171317	Arsenic	ND	(0.0021)		0.050 MCL
MW-287	7421	NS	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
MW-287	7470	NS	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-287	7740	NS	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0026 S	(0.0006)		0.010 MCL
MW-288	8010	NS	04/11/94	04/19/94	GCJAY1404190941	Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	1.7 HB 26 H 135 H 11 H	(0.562) (0.759) (1.03) (0.413)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
M209425	8010	FD	04/11/94	04/19/94	GCJAY1404190941	1,1-Dichloroethene Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	0.42 P 2.2 B 32 169 15	(0.25) (0.281) (0.38) (0.515) (0.206)		6.0 MCL 5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-288	8020	NS	04/11/94	04/16/94	GCKAY1404161142	No Analytes Detected	ND			
MW-288	6010	NS	04/11/94	04/15/94	EMJAE1404142300	Arsenic Barium Calcium Chromium Magnesium Nickel Potassium Sodium Thallium Vanadium Zinc	0.031 0.041 16 0.010 10 0.022 2.0 17 0.024 B 0.027 0.019	(0.0225) (0.0005) (0.148) (0.0025) (0.0228) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0 0 0 0 0 0 0 0 0 0	0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL 0.050 MCL 0.015 MCL 0.0020 MCL 0.010 MCL 5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-288	7060	NS	04/11/94	04/17/94	AAZ4_404171317	Arsenic	0.0026	(0.0021)		0.050 MCL
MW-288	7421	NS	04/11/94	04/14/94	AAZ1_404141820	Lead	ND	(0.0021)		0.015 MCL
MW-288	7470	NS	04/11/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-288	7740	NS	04/11/94	04/17/94	AAZ3_404171015	Selenium	0.0019 S	(0.0006)		0.010 MCL
MW-289	8010	NS	04/05/94	04/15/94	GCJAY1404141106	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	2.1 5.4 0.48 P 4.7 PB 184 4.1	(0.333) (0.25) (0.4) (0.281) (0.515) (0.206)		5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 5.0 MCL 6.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-289	8020	NS	04/05/94	04/14/94	GCKAY1404131145	No Analytes Detected	ND			
MW-289	6010	NS	04/05/94	04/15/94	EMJA61404142300	Arsenic Barium Cadmium Calcium Chromium Iron Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.032 B 0.0076 0.0033 17 0.0063 0.059 13 0.039 0.14 1.6 19 0.044 B 0.017 0.014	(0.0225) (0.0005) (0.0017) (0.148) (0.0025) (0.006) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	R O O, R R O	0.050 MCL 1.0 MCL 0.0050 MCL 0.050 MCL 0.10 MCL 0.0020 MCL
MW-289	7060	NS	04/05/94	04/12/94	AAZ4_404121634	Arsenic	0.0029	(0.0021)		0.050 MCL
MW-289	7421	NS	04/05/94	04/11/94	AAZ2_404111800	Lead	ND	(0.0022)		0.015 MCL
MW-289	7470	NS	04/05/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-289	7740	NS	04/05/94	04/12/94	AAZ4_404120805	Selenium	ND	(0.0018)		0.010 MCL
MW-290	8010	NS	04/06/94	04/17/94	GCJAY1404161400	No Analytes Detected	ND			
MW-290	8020	NS	04/06/94	04/14/94	GCKAY1404141450	Benzene Ethylbenzene Toluene Total Xylenes	0.65 0.53 3.8 3.7	(0.072) (0.0188) (0.024) (0.039)		1.0 MCL 680 MCL 1750 MCL
MW-290	6010	NS	04/06/94	04/15/94	EMJA61404142300	Antimony Barium Calcium Chromium Magnesium Nickel Potassium Sodium Vanadium Zinc	0.029 0.015 34 0.010 7.5 0.014 1.5 18 0.024 0.0090	(0.0241) (0.0005) (0.148) (0.0025) (0.0228) (0.0099) (0.37) (0.0397) (0.0024) (0.0015)	O	0.0060 MCL 1.0 MCL 0.050 MCL 0.10 MCL
MW-290	7060	NS	04/06/94	04/14/94	AAZ4_404141648	Arsenic	0.0039 S	(0.0021)		0.050 MCL
MW-290	7421	NS	04/06/94	04/10/94	AAZ4_404101205	Lead	ND	(0.0006)		0.015 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MU-290	7470	NS	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-290	7740	NS	04/06/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MU-291	8010	NS	04/06/94	04/17/94	GCJAY1404161400	1,1-Dichloroethane 1,1-Dichloroethene Methylene Chloride Trichloroethene	0.25 1.9 0.094 P 15	(0.0666) (0.0501) (0.0562) (0.103)		5.0 MCL 6.0 MCL 5.0 MCL 5.0 MCL
MU-291	8020	NS	04/06/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
MU-291	6010	NS	04/06/94	04/15/94	ENJA61404142300	Antimony Arsenic Barium Calcium Chromium Iron Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.032 0.059 0.0085 18 0.0066 0.028 B 13 0.016 0.075 1.1 16 0.027 0.020 0.020	(0.0241) (0.0225) (0.0005) (0.148) (0.0025) (0.006) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0 R,0	0.0060 MCL 0.050 MCL 1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL
MU-291	7060	NS	04/06/94	04/14/94	AAZ4_404141648	Arsenic	0.0022 S	(0.0021)		0.050 MCL
MU-291	7421	NS	04/06/94	04/10/94	AAZ4_404101205	Lead	0.0010	(0.0006)		0.015 MCL
MU-291	7470	NS	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MU-291	7740	NS	04/06/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MU-292	8010	NS	04/06/94	04/17/94	GCJAY1404161400	No Analytes Detected	ND			
MU-292	8020	NS	04/06/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
EB-292	8020	EB	04/06/94	04/14/94	GCKAY1404141450	No Analytes Detected	ND			
MU-292	6010	NS	04/06/94	04/15/94	ENJA61404142300	Barium Calcium Chromium Magnesium Manganese Nickel	0.014 15 0.0043 11 0.026 0.035	(0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099)	0	1.0 MCL 0.050 MCL 0.10 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-292	6010	NS	04/06/94	04/15/94	EMJA61404142300	Potassium Sodium Vanadium Zinc	1.6 16 0.019 0.028	(0.37) (0.0397) (0.0024) (0.0015)	0	0.050 MCL 0.015 MCL 0.0020 MCL 0.010 MCL
MW-292	7060	NS	04/06/94	04/14/94	AAZ4_404141648	Arsenic	0.0023 S	(0.0021)		0.050 MCL
MW-292	7421	NS	04/06/94	04/10/94	AAZ4_404101205	Lead	ND	(0.0006)		0.015 MCL
MW-292	7470	NS	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-292	7740	NS	04/06/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MW-999	8010	NS	04/06/94	04/17/94	GCJAY1404161400	Methylene Chloride Trichloroethene cis-1,2-Dichloroethene	84 H 17700 H 390 H	(56.2) (103) (41.3)		5.0 MCL 5.0 MCL 6.0 MCL
MW-999	8020	NS	04/06/94	04/14/94	GCKAY1404141450	1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Benzene Chlorobenzene Total Xylenes	1.9 0.53 1.5 2.5 0.32 P8 0.60	(0.146) (0.135) (0.137) (0.072) (0.0295) (0.039)		130 AL 130 AL 5.0 MCL 1.0 MCL 30 AL 1750 MCL
MW-999	6010	NS	04/06/94	04/15/94	EMJA61404142300	Barium Calcium Chromium Magnesium Manganese Nickel Potassium Sodium Thallium Vanadium Zinc	0.17 68 0.040 49 0.035 0.045 2.3 32 0.038 0.023 0.044	(0.0005) (0.148) (0.0025) (0.0228) (0.0004) (0.0099) (0.37) (0.0397) (0.0172) (0.0024) (0.0015)	0	1.0 MCL 0.050 MCL 0.10 MCL 0.0020 MCL
EB-999	6010	EB	04/06/94	04/15/94	EMJA61404142300	Antimony Arsenic Barium Copper Sodium Zinc	0.046 0.031 0.00050 0.0092 0.82 0.011	(0.0241) (0.0225) (0.0005) (0.0038) (0.0397) (0.0015)		0.0060 MCL 0.050 MCL 1.0 MCL 1.3 MCL
MW-999	7060	NS	04/06/94	04/14/94	AAZ4_404141648	Arsenic	0.0026 S	(0.0021)		0.050 MCL
EB-999	7060	EB	04/06/94	04/14/94	AAZ4_404141648	Arsenic	ND	(0.0021)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-999	7421	NS	04/06/94	04/10/94	AAZ4_404101205	Lead	0.0033	(0.0006)		0.015 MCL
EB-999	7421	EB	04/06/94	04/10/94	AAZ4_404101205	Lead	0.00080	(0.0006)		0.015 MCL
MW-999	7470	NS	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
EB-999	7470	EB	04/06/94	04/19/94	AAZ3_404191745	Mercury	ND	(0.0001)		0.0020 MCL
MW-999	7740	NS	04/06/94	04/11/94	AAZ4_404110800	Selenium Selenium	ND ND	(0.0018) (0.0018)		0.010 MCL 0.010 MCL
EB-999	7740	EB	04/06/94	04/11/94	AAZ4_404110800	Selenium	ND	(0.0018)		0.010 MCL
MW-1001	8010	NS	04/14/94	04/22/94	GCJAY1404211506	No Analytes Detected	ND			
MW-1003	8010	NS	04/14/94	04/22/94	GCJAY1404211506	No Analytes Detected	ND			
MW-1003	8020	NS	04/14/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
MW-1003	6010	NS	04/14/94	04/29/94	ENJA61404291000	Barium Beryllium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.045 B 0.0011 15 B 7.0 0.0045 0.029 2.4 17 B 0.025 0.099	(0.0009) (0.0005) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0 1.0 MCL 0.0040 MCL	
MW-1003	7060	NS	04/14/94	04/21/94	AAZ3_404211509	Arsenic	0.0018	(0.0006)		0.050 MCL
MW-1003	7421	NS	04/14/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
MW-1003	7470	NS	04/14/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1003	7740	NS	04/14/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
MW-1018	8010	NS	04/15/94	04/25/94	GCJAY1404241633	No Analytes Detected	ND			
MW-1019	8010	NS	04/15/94	04/25/94	GCJAY1404241633	1,1-Dichloroethane Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	2.4 0.25 P 0.50 0.24	(0.0666) (0.0759) (0.103) (0.0413)		5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL
MW-1030	8010	NS	04/18/94	04/25/94	GCJAY1404251134	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1030	8020	NS	04/18/94	04/26/94	GCKAY1404261335	No Analytes Detected	ND			
MW-1030	6010	NS	04/18/94	04/29/94	ENJA61404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.068 18 8.5 0.0036 0.020 2.3 17 0.022 0.067	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL 0.10 MCL
MW-1030	7060	NS	04/18/94	04/21/94	AAZ3_404211509	Arsenic	0.0012	(0.0006)		0.050 MCL
MW-1030	7421	NS	04/18/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
MW-1030	7470	NS	04/18/94	04/28/94	AAZ3_404272300	Mercury	0.00010	(0.0001)		0.0020 MCL
MW-1030	7740	NS	04/18/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
MW-1034	8010	NS	04/18/94	04/25/94	GCJAY1404251134	Methylene Chloride	0.51 B	(0.0562)	R	5.0 MCL
MW-1034	8020	NS	04/18/94	04/26/94	GCKAY1404261335	No Analytes Detected	ND			
MW-1034	6010	NS	04/18/94	04/29/94	ENJA61404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium	0.054 17 12 0.0024 0.021 1.5 16 0.028	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045)	0	1.0 MCL 0.10 MCL
MW-1034	7060	NS	04/18/94	04/21/94	AAZ3_404211509	Arsenic	0.0023	(0.0006)		0.050 MCL
MW-1034	7421	NS	04/18/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
MW-1034	7470	NS	04/18/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1034	7740	NS	04/18/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
MW-1040	8010	NS	04/21/94	04/28/94	GCJAY1404271440	Methylene Chloride Trichloroethene	0.22 1.0	(0.0562) (0.103)		5.0 MCL 5.0 MCL
MW-1040	8020	NS	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			
MW-1040	6010	NS	04/21/94	05/05/94	ENJA61405050900	Barium	0.055	(0.0009)	0	1.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1040	6010	NS	04/21/94	05/05/94	ENJA61405050900	Calcium	13 B	(0.0175)		
						Chromium	0.016	(0.0052)		0.050 MCL
						Magnesium	9.3	(0.0479)		
						Manganese	0.0059 B	(0.0016)	R	
						Potassium	1.7	(0.822)		
						Sodium	15 B	(0.0401)		
						Vanadium	0.034	(0.0045)		
						Zinc	0.11 B	(0.004)	R	
MW-1040	7060	NS	04/21/94	04/26/94	AAZ3_404261537	Arsenic	0.0018	(0.0006)		0.050 MCL
MW-1040	7421	NS	04/21/94	04/25/94	AAZ2_404251600	Lead	ND	(0.0022)		0.015 MCL
MW-1040	7470	NS	04/21/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1040	7740	NS	04/21/94	04/26/94	AAZ4_404260725	Selenium	ND	(0.0018)		0.010 MCL
MW-1044	8010	NS	04/21/94	04/27/94	GCJAY1404271440	Chloroform	2.0 H	(0.0533)		100 PMCL
						Trichloroethene	4.0 H	(0.103)		5.0 MCL
						cis-1,2-Dichloroethene	1.6 H	(0.0413)		6.0 MCL
MW-1049	8010	NS	04/14/94	04/22/94	GCJAY1404211506	Methylene Chloride	0.077 HB	(0.0562)	R	5.0 MCL
						Trichloroethene	7.3 H	(0.103)		5.0 MCL
						cis-1,2-Dichloroethene	3.8 H	(0.0413)		6.0 MCL
MW-1049	6010	NS	04/14/94	04/29/94	EHJA61404291000	Barium	0.051 B	(0.0009)	O	1.0 MCL
						Calcium	19 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Magnesium	14	(0.0479)		
						Manganese	0.0041	(0.0016)		
						Nickel	0.16	(0.0141)		0.10 MCL
						Potassium	3.7	(0.822)		
						Sodium	18 B	(0.0401)		
						Vanadium	0.022	(0.0045)		
						Zinc	0.010	(0.004)	O	
EB-1049	6010	EB	04/14/94	04/29/94	EHJA61404291000	Barium	0.0046 B	(0.0009)		1.0 MCL
						Beryllium	0.0045	(0.0005)		0.0040 MCL
						Calcium	0.19 B	(0.0175)		
						Cobalt	0.0046	(0.0041)		
						Iron	0.037	(0.0045)		
						Magnesium	0.099	(0.0479)		
						Manganese	0.0060	(0.0016)		
						Sodium	0.19 B	(0.0401)		
						Zinc	0.011	(0.004)		
MW-1049	7060	NS	04/14/94	04/21/94	AAZ3_404211509	Arsenic	0.0019	(0.0006)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EB-1049	7060	EB	04/14/94	04/21/94	AAZ3_404211509	Arsenic	ND	(0.0006)		0.050 MCL
PM-1049	7421	NS	04/14/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
EB-1049	7421	EB	04/14/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
PM-1049	7470	NS	04/14/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
EB-1049	7470	EB	04/14/94	04/28/94	AAZ3_404272300	Mercury	0.00020	(0.0001)		0.0020 MCL
PM-1049	7740	NS	04/14/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
EB-1049	7740	EB	04/14/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
PM-1051	8010	NS	04/14/94	04/22/94	GCJAY1404211506	Trichloroethene cis-1,2-Dichloroethene	0.44 H 0.15 H	(0.103) (0.0413)		5.0 MCL 6.0 MCL
PM-1051	8020	NS	04/14/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
PM-1053	8010	NS	04/13/94	04/22/94	GCJAY1404211506	Tetrachloroethene Trichloroethene	0.59 0.86	(0.0759) (0.103)		5.0 MCL 5.0 MCL
PM-1054	8010	NS	04/13/94	04/22/94	GCJAY1404211506	Trichloroethene	0.82 H	(0.103)		5.0 MCL
PM-1054	8020	NS	04/13/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
PM-1055	8010	NS	04/08/94	04/19/94	GCJAY1404180852	Tetrachloroethene Trichloroethene	0.43 P 1.4	(0.0759) (0.103)		5.0 MCL 5.0 MCL
PM-1055	8020	NS	04/08/94	04/15/94	GCKAY1404141450	No Analytes Detected	ND			
PM-1056	8010	NS	04/18/94	04/25/94	GCJAY1404251134	Methylene Chloride Trichloroethene	0.34 P8 0.63	(0.0562) (0.103)	R	5.0 MCL 5.0 MCL
PM-1056	8020	NS	04/18/94	04/26/94	GCKAY1404261335	No Analytes Detected	ND			
PM-1057	8010	NS	04/19/94	04/26/94	GCJAY1404251134	Methylene Chloride Tetrachloroethene Trichloroethene	0.28 P8 0.25 P 0.65	(0.0562) (0.0759) (0.103)	R	5.0 MCL 5.0 MCL 5.0 MCL
PM-1058	8010	NS	04/13/94	04/22/94	GCJAY1404211506	Tetrachloroethene Trichloroethene	1.5 H 3.6 H	(0.0759) (0.103)		5.0 MCL 5.0 MCL
PM-1060	8010	NS	04/13/94	04/21/94	GCJAY1404211506	Methylene Chloride Tetrachloroethene Trichloroethene	0.23 B 1.1 1.7	(0.0562) (0.0759) (0.103)	R	5.0 MCL 5.0 MCL 5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1060	8020	MS	04/13/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
MW-1061	8010	MS	04/13/94	04/22/94	GCKAY1404211506	Methylene Chloride Tetrachloroethene Trichloroethene	0.26 HB 0.97 H 1.6 H	(0.0562) (0.0759) (0.103)	R	5.0 MCL 5.0 MCL 5.0 MCL
EB-1061	8010	EB	04/13/94	04/22/94	GCKAY1404211506	No Analytes Detected	ND			
MW-1061	8020	MS	04/13/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
MW-1061	6010	MS	04/13/94	04/29/94	ENJA61404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.054 24 B 14 B 0.0019 B 0.032 2.4 17 B 0.023 0.018	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	O R O	1.0 MCL 0.10 MCL
MW-1061	7060	MS	04/13/94	04/18/94	AAZ3_404181604	Arsenic	0.0025	(0.0006)		0.050 MCL
MW-1061	7421	MS	04/13/94	04/18/94	AAZ1_404181400	Lead	0.0026	(0.0021)		0.015 MCL
MW-1061	7470	MS	04/13/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1061	7740	MS	04/13/94	04/18/94	AAZ4_404181728	Selenium	ND	(0.0018)		0.010 MCL
MW-1064	6010	MS	04/18/94	04/29/94	ENJA61404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.0049 14 9.6 0.0027 0.15 1.5 18 0.023 0.020	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	R, O O	1.0 MCL 0.10 MCL 1.0 MCL
EB-1064	6010	EB	04/18/94	04/29/94	ENJA61404291000	Aluminum Calcium Manganese Sodium	0.13 0.047 0.0020 0.080	(0.0523) (0.0175) (0.0016) (0.0401)		1.0 MCL
MW-1064	7060	MS	04/18/94	04/21/94	AAZ3_404211509	Arsenic	0.0028	(0.0006)		0.050 MCL
EB-1064	7060	EB	04/18/94	04/21/94	AAZ3_404211509	Arsenic	ND	(0.0006)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1064	7421	NS	04/18/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
EB-1064	7421	EB	04/18/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
MW-1064	7470	NS	04/18/94	04/28/94	AAZ3_404272300	Mercury	0.00020	(0.0001)		0.0020 MCL
EB-1064	7470	EB	04/18/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1064	7740	NS	04/18/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
EB-1064	7740	EB	04/18/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
MW-1067	8010	NS	04/14/94	04/22/94	GCJAY1404211506	Carbon Tetrachloride Chloroform Trichloroethene	1.7 0.48 1.7	(0.0693) (0.0533) (0.103)		0.50 MCL 100 PMCL 5.0 MCL
MW-1067	8020	NS	04/14/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
MW-1068	6010	NS	04/14/94	04/29/94	EMJAG1404291000	Barium Calcium Chromium Magnesium Nickel Potassium Sodium Vanadium Zinc	0.062 B 22 B 0.0061 14 0.13 15 26 B 0.020 0.012	(0.0009) (0.0175) (0.0052) (0.0479) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL 0.050 MCL 0.10 MCL
MW-1068	7060	NS	04/14/94	04/21/94	AAZ3_404211509	Arsenic	0.0011	(0.0006)		0.050 MCL
MW-1068	7421	NS	04/14/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
MW-1068	7470	NS	04/14/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1068	7740	NS	04/14/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
MW-1069	8010	NS	04/14/94	04/24/94	GCJAY1404241633	Tetrachloroethene Trichloroethene	0.31 0.36	(0.0759) (0.103)		5.0 MCL 5.0 MCL
MW-1075	8010	NS	04/18/94	04/25/94	GCJAY1404251134	No Analytes Detected	ND			
M209426	8010	FD	04/18/94	04/25/94	GCJAY1404251134	Methylene Chloride Trichloroethene	0.27 B 0.23	(0.0562) (0.103)		5.0 MCL 5.0 MCL
MW-1075	8020	NS	04/18/94	04/26/94	GCKAY1404261335	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1075	6010	NS	04/18/94	04/29/94	EMJA61404291000	Barium Calcium Magnesium Manganese Nickel Potassium Sodium Vanadium Zinc	0.044 21 14 0.0044 0.036 1.3 15 0.022 0.015	(0.0009) (0.0175) (0.0479) (0.0016) (0.0141) (0.822) (0.0401) (0.0045) (0.004)	0	1.0 MCL 0.10 MCL
MW-1075	7060	NS	04/18/94	04/21/94	AAZ3_404211509	Arsenic	0.0019	(0.0006)		0.050 MCL
MW-1075	7421	NS	04/18/94	04/21/94	AAZ1_404211600	Lead	ND	(0.0021)		0.015 MCL
MW-1075	7470	NS	04/18/94	04/28/94	AAZ3_404272300	Mercury	ND	(0.0001)		0.0020 MCL
MW-1075	7740	NS	04/18/94	04/22/94	AAZ4_404220709	Selenium	ND	(0.0018)		0.010 MCL
TB-1	8010	TB	04/11/94	04/19/94	GCJAY1404190941	No Analytes Detected	ND			
TB-2	8010	TB	04/13/94	04/22/94	GCJAY1404211506	No Analytes Detected	ND			
TB-3	8010	TB	04/14/94	04/24/94	GCJAY1404241633	No Analytes Detected	ND			
TB-4	8010	TB	04/18/94	04/25/94	GCJAY1404251134	No Analytes Detected	ND			
TB-5	8010	TB	04/19/94	04/26/94	GCJAY1404251134	No Analytes Detected	ND			
TB-6	8010	TB	04/20/94	04/26/94	GCJAY1404261314	No Analytes Detected	ND			
TB-7	8010	TB	04/21/94	04/27/94	GCJAY1404271440	No Analytes Detected	ND			
TB-8	8010	TB	04/22/94	05/03/94	GCJAY1405021237	Methylene Chloride	0.28 PB	(0.0562)		5.0 MCL
TB-1	8020	TB	04/11/94	04/17/94	GCKAY1404161142	No Analytes Detected	ND			
TB-2	8020	TB	04/13/94	04/19/94	GCKAY1404191301	No Analytes Detected	ND			
TB-3	8020	TB	04/14/94	04/20/94	GCKAY1404191301	No Analytes Detected	ND			
TB-4	8020	TB	04/18/94	04/27/94	GCKAY1404261335	No Analytes Detected	ND			
TB-5	8020	TB	04/19/94	04/27/94	GCKAY1404261335	No Analytes Detected	ND			
TB-6	8020	TB	04/20/94	04/26/94	GCKAY2404261314	No Analytes Detected	ND			
TB-7	8020	TB	04/21/94	04/27/94	GCKAY2404271147	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
18-B	8020	18	04/22/94	04/29/94	GCKAY1404281420	No Analytes Detected	ND			

FOOTNOTES AND ABBREVIATIONS

DATAFLAGS:

B = Analyte is found in the associated blank but the sample results are not corrected for the amount in the blank.
 N = Previously confirmed on second column or by GC/MS.
 ND = Not detected at specified detection limit.
 S = Analyte concentration obtained using Method of Standard Addition (MSA).
 P = Results from primary and secondary GC columns differ by greater than a factor of three due to coelution or interference.

QUALIFIED RESULTS:

O = Detected in blank other than reagent blank.
 PF = Qualified as estimated due to high total variability as measured by field duplicates.
 R = Detected in the reagent blank.

UNITS:

ug/L = Micrograms per liter.
 mg/L = Milligrams per liter.
 METHOD 8010, 8020 = ug/L
 METHODS 6010, 7060, 7470, 7740, 7740 = mg/L

WELL IDENTIFICATION:

EC = Extraction well composite.
 (EC-1 is a composite of EW-73, EW-83, EW-84, EW-85, EW-86, and EW-87)
 EW = Extraction well.
 MW = Monitoring well.
 EB = Equipment blank.
 AB = Ambient blank.
 TB = Trip blank.
 M2094XX = Field duplicate sample.

NOTES:

AL = Cal/EPA Dept. of Toxic Substances Control Action Level.
 MCL = Cal/EPA Dept. of Toxic Substances Control Maximum Contaminant Level.
 P/MCL = U.S. Environmental Protection Agency Primary Maximum Contaminant Level.

TABLE 4 WELLS CONTAINING ANALYTES AT CONCENTRATIONS EQUAL TO OR EXCEEDING STATE AND FEDERAL DRINKING WATER STANDARDS, GROUNDWATER SAMPLING AND ANALYSIS PROGRAM, APRIL THROUGH JUNE 1994, MCCLELLAN AIR FORCE BASE

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Contaminant Level Or Action Level	Qualified Results
EC-1	22-Apr-94	D	8010	1,1-Dichloroethane		RAS	40	5.0 MCL	
				1,1-Dichloroethane		RAS	874	6.0 MCL	
				1,2-Dichloroethane		RAS	4.8 P	0.50 MCL	PF
				Methylene Chloride		RAS	75 B	5.0 MCL	PF
				Trichloroethene		RAS	219	5.0 MCL	
				Vinyl Chloride		RAS	42	0.50 MCL	PF
				cis-1,2-Dichloroethene		RAS	24	6.0 MCL	
				1,1-Dichloroethane	FD	RAS	46	5.0 MCL	
				1,1-Dichloroethane	FD	RAS	1050	6.0 MCL	
				1,2-Dichloroethane	FD	RAS	6.6	0.50 MCL	
				Methylene Chloride	FD	RAS	48 B	5.0 MCL	
				Trichloroethene	FD	RAS	239	5.0 MCL	
EW-63	04-Apr-94	B	8010	Vinyl Chloride	FD	RAS	69	0.50 MCL	
				cis-1,2-Dichloroethene	FD	RAS	29	6.0 MCL	
				Benzene	FD	RAS	1.0	1.0 MCL	
				Trichloroethene		RAS	32	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	18	6.0 MCL	
				Thallium		RAS	0.041 B	0.0020 MCL	R
				1,1-Dichloroethane		RAS	804	6.0 MCL	
				Methylene Chloride		RAS	30 B	5.0 MCL	
				Tetrachloroethene		RAS	12	5.0 MCL	
				Trichloroethene		RAS	112	5.0 MCL	
				1,1-Dichloroethane		RAS	107	5.0 MCL	
				1,1-Dichloroethane		RAS	673	6.0 MCL	
EW-83	22-Apr-94	D	8010	1,2-Dichloroethane		RAS	64	0.50 MCL	
				Methylene Chloride		RAS	40 B	5.0 MCL	
				Trichloroethene		RAS	604	5.0 MCL	
				Vinyl Chloride		RAS	60	0.50 MCL	
				cis-1,2-Dichloroethene		RAS	70	6.0 MCL	
				Benzene		RAS	2.3	1.0 MCL	
				1,1-Dichloroethane		RAS	551	6.0 MCL	
				1,2-Dichloroethane		RAS	5.3	0.50 MCL	
				Methylene Chloride		RAS	33 B	5.0 MCL	
				Trichloroethene		RAS	352	5.0 MCL	
				1,1-Dichloroethane		RAS	43	6.0 MCL	
				Methylene Chloride		RAS	6.1 B	5.0 MCL	
EW-84	22-Apr-94	D	8010	Trichloroethene		RAS	15	5.0 MCL	
				1,1-Dichloroethane		RAS	126	6.0 MCL	
				Methylene Chloride		RAS	50	5.0 MCL	
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
EW-85	22-Apr-94	D	8010	1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
EW-86	22-Apr-94	D	8010	1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
EW-87	22-Apr-94	D	8010	1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
EW-88	22-Apr-94	D	8010	1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			
				1,1-Dichloroethane		RAS			
				1,2-Dichloroethane		RAS			
				Methylene Chloride		RAS			
				Trichloroethene		RAS			

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
EU-87	22-Apr-94	D	8010 6010	Lead	RAS	0.022 B	0.015 MCL	R
EU-137	12-Apr-94	C	8010	1,1-Dichloroethane Trichloroethene cis-1,2-Dichloroethene	RAS RAS RAS	7.0 49 11	5.0 MCL 5.0 MCL 6.0 MCL	
EU-140	12-Apr-94	C	8010	Trichloroethene cis-1,2-Dichloroethene	RAS RAS	81 28	5.0 MCL 6.0 MCL	
EU-144	12-Apr-94	C	8010	Trichloroethene cis-1,2-Dichloroethene	RAS RAS	269 7.3	5.0 MCL 6.0 MCL	
MU-5	21-Apr-94	B	8010	Methylene Chloride Tetrachloroethene Trichloroethene	RAS RAS RAS	13 B 17 481	5.0 MCL 5.0 MCL 5.0 MCL	
MU-10	04-Apr-94	D	6010	Antimony	RAS	0.12	0.0060 MCL	
			8010	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Methylene Chloride Trichloroethene Vinyl Chloride cis-1,2-Dichloroethene	RAS RAS RAS RAS RAS RAS RAS	28 210 117 12 PB 308 8.7 15	5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 5.0 MCL 0.50 MCL 6.0 MCL	
MU-14	04-Apr-94	D	6010	Thallium	RAS	0.028 B	0.0020 MCL	R
			8010	1,1,1-Trichloroethane 1,1-Dichloroethene Trichloroethene	RAS RAS RAS	843 2020 1220	200 MCL 6.0 MCL 5.0 MCL	
			6010	Antimony Arsenic Thallium	RAS RAS RAS	0.046 B 0.076 B 0.033 B	0.0060 MCL 0.050 MCL 0.0020 MCL	R R R
MU-180	21-Apr-94	D	6010	Lead	RAS	0.032	0.015 MCL	
MU-380	20-Apr-94	D	8010	1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethane Trichloroethene Vinyl Chloride cis-1,2-Dichloroethene	RAS RAS RAS RAS RAS RAS	34 652 7.5 122 28 35	5.0 MCL 6.0 MCL 0.50 MCL 5.0 MCL 0.50 MCL 6.0 MCL	
			6010	Antimony	RAS	0.081	0.0060 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Contaminant Level Or Action Level	Maximum	Qualified Results
MU-415	11-Apr-94	B	8010	1,1-Dichloroethene Tetrachloroethene Trichloroethene 1,1-Dichloroethene Tetrachloroethene Trichloroethene		RAS RAS RAS FD RAS FD FD	17 P 145 282 16 P 152 281	6.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL 5.0 MCL 5.0 MCL		
			6010	Nickel Thallium Nickel Thallium		RAS RAS FD FD	0.19 0.025 B 0.19 0.046 B	0.10 MCL 0.0020 MCL 0.10 MCL 0.0020 MCL		PF, R
MU-495	22-Apr-94	A	8010	Trichloroethene		RAS	10	5.0 MCL		
MU-60	11-Apr-94	C	8010	Trichloroethene		RAS	7.3	5.0 MCL		
MU-89	13-Apr-94	D	8010	1,1-Dichloroethene Methylene Chloride		RAS RAS	135 5.9 B	6.0 MCL 5.0 MCL		
MU-90	20-Apr-94	D	8010	Trichloroethene Trichloroethene		RAS RAS	7.8 7.5	5.0 MCL 5.0 MCL		
MU-100	21-Apr-94	E	6010	Antimony Arsenic	FD	RAS RAS	0.081 0.067	0.0060 MCL 0.050 MCL		
MU-111	14-Apr-94	C	8010	1,1-Dichloroethane		RAS	8.4	5.0 MCL		
MU-135	21-Apr-94	C	8010	Trichloroethene		RAS	9.6 H	5.0 MCL		
MU-136	15-Apr-94	C	8010	Trichloroethene		RAS	42	5.0 MCL		
MU-138	20-Apr-94	C	6010	Antimony Lead		RAS RAS	0.097 0.034	0.0060 MCL 0.015 MCL		
MU-153	05-Apr-94	B	8010	Trichloroethene Trichloroethene	FD	RAS RAS	31 H 29	5.0 MCL 5.0 MCL		
			6010	Lead Thallium		RAS RAS	0.035 0.042 B	0.015 MCL 0.0020 MCL		R
MU-164	05-Apr-94	B	8010	Trichloroethene cis-1,2-Dichloroethene		RAS RAS	14 H 13 H	5.0 MCL 6.0 MCL		
MU-169	04-Apr-94	A	8010	Trichloroethene		RAS	6.2	5.0 MCL		
MU-178	04-Apr-94	A	8010	Carbon Tetrachloride Trichloroethene		RAS RAS	29 74	0.50 MCL 5.0 MCL		

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
MU-178	04-Apr-94	A	6010	Thallium		RAS	0.058 B	0.0020 MCL	R
MU-210	05-Apr-94	A	8010	Carbon Tetrachloride		RAS	8.8 H	0.50 MCL	
				Carbon Tetrachloride	FD	RAS	8.6	0.50 MCL	
			6010	Selenium		RAS	0.047	0.010 MCL	
				Thallium		RAS	0.042 B	0.0020 MCL	R
MU-212	05-Apr-94	A	8010	Carbon Tetrachloride		RAS	0.51	0.50 MCL	
MU-214	11-Apr-94	C	8010	1,1-Dichloroethane		RAS	19	5.0 MCL	
				Trichloroethene		RAS	9.7	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	18	6.0 MCL	
			6010	Nickel		RAS	0.36	0.10 MCL	
MU-222	04-Apr-94	A	8010	Carbon Tetrachloride		RAS	1.9 H	0.50 MCL	
				Trichloroethene		RAS	9.7 H	5.0 MCL	
MU-228	11-Apr-94	A	8010	1,1-Dichloroethane		RAS	13	6.0 MCL	
				1,2-Dichloroethane		RAS	11	0.50 MCL	
				Trichloroethene		RAS	11	5.0 MCL	
			8020	Benzene		RAS	8.1 H	1.0 MCL	PF
				Benzene	FD	RAS	4.5 P	1.0 MCL	
			6010	Antimony		RAS	0.027	0.0060 MCL	PF
				Thallium		RAS	0.059 B	0.0020 MCL	R
				Antimony	FD	RAS	0.065	0.0060 MCL	
				Thallium	FD	RAS	0.043 B	0.0020 MCL	
MU-231	21-Apr-94	B	6010	Thallium		RAS	0.093	0.0020 MCL	
MU-235	07-Apr-94	B	8010	Methylene Chloride		RAS	66	5.0 MCL	
				Tetrachloroethene		RAS	4510	5.0 MCL	
				Trichloroethene		RAS	13100	5.0 MCL	
			6010	Nickel		RAS	0.10	0.10 MCL	
				Thallium		RAS	0.022 B	0.0020 MCL	R
MU-237	12-Apr-94	B	6010	Nickel		RAS	0.16	0.10 MCL	
MU-241	06-Apr-94	B	8010	1,1-Dichloroethane		RAS	5.6	5.0 MCL	
				1,1-Dichloroethane		RAS	37	6.0 MCL	
				1,2-Dichloroethane		RAS	31	0.50 MCL	
				Trichloroethene		RAS	74	5.0 MCL	
			6010	Antimony		RAS	0.072	0.0060 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field		Concentration	Contaminant Level Or Action Level	Qualified Results
					Duplicate Analysis	Lab			
MW-241	06-Apr-94	B	6010	Nickel Thallium		RAS RAS	0.19 0.027	0.10 MCL 0.0020 MCL	
MW-242	06-Apr-94	B	8010	1,1-Dichloroethene 1,2-Dichloroethane Trichloroethene		RAS RAS RAS	51 1.1 P 39	6.0 MCL 0.50 MCL 5.0 MCL	
			6010	Antimony Thallium		RAS RAS	0.032 0.034	0.0060 MCL 0.0020 MCL	
MW-243	06-Apr-94	A	6010	Thallium		RAS	0.058	0.0020 MCL	
MW-244	08-Apr-94	A	8010	Trichloroethene		RAS	98	5.0 MCL	
MW-270	12-Apr-94	B	8010	Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene Methylene Chloride Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene		RAS RAS RAS RAS FD FD FD FD	19 HB 311 H 2300 H 119 H 30 B 361 2560 137	5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL 5.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL	PF
			8020	Benzene Benzene		RAS RAS	1.8 2.0	1.0 MCL 1.0 MCL	
			6010	Nickel		RAS	0.11	0.10 MCL	
MW-271	12-Apr-94	B	8010	1,2-Dichloroethane Trichloroethene 1,2-Dichloroethane Trichloroethene		RAS RAS RAS FD FD	3.4 46 3.0 38	0.50 MCL 5.0 MCL 0.50 MCL 5.0 MCL	
MW-272	05-Apr-94	B	8010	Trichloroethene		RAS	96	5.0 MCL	
			6010	Antimony Thallium		RAS RAS	0.072 B 0.031 B	0.0060 MCL 0.0020 MCL	R R
MW-282	07-Apr-94	B	8010	Carbon Tetrachloride Trichloroethene		RAS RAS	0.83 H 37 H	0.50 MCL 5.0 MCL	
			6010	Antimony Thallium		RAS RAS	0.054 B 0.030 B	0.0060 MCL 0.0020 MCL	R R
MW-283	07-Apr-94	B	6010	Antimony		RAS	0.024 B	0.0060 MCL	R
MW-284	07-Apr-94	B	6010	Thallium		RAS	0.038 B	0.0020 MCL	R

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
MJ-285	08-Apr-94	B	6010	Thallium		RAS	0.038 B	0.0020 MCL	R
MJ-286	07-Apr-94	B	8010	1,1-Dichloroethane 1,2-Dichloroethane Trichloroethene cis-1,2-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethane Trichloroethene cis-1,2-Dichloroethene		RAS RAS RAS RAS FD FD FD FD	21 H 1.2 H 13 H 21 H 26 1.3 14 24	5.0 MCL 0.50 MCL 5.0 MCL 6.0 MCL 5.0 MCL 0.50 MCL 5.0 MCL 6.0 MCL	
			6010	Antimony Nickel Thallium		RAS RAS RAS	0.046 B 0.36 0.079 B	0.0060 MCL 0.10 MCL 0.0020 MCL	R R
MJ-287	11-Apr-94	B	8010	1,1-Dichloroethene Tetrachloroethene Trichloroethene		RAS RAS RAS	6.2 P 47 371	6.0 MCL 5.0 MCL 5.0 MCL	
			6010	Antimony		RAS	0.066	0.0060 MCL	
MJ-288	11-Apr-94	B	8010	Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene		RAS RAS RAS FD FD FD	26 H 135 H 11 H 32 169 15	5.0 MCL 5.0 MCL 6.0 MCL 5.0 MCL 5.0 MCL 6.0 MCL	
			6010	Thallium		RAS	0.024 B	0.0020 MCL	R
MJ-289	05-Apr-94	A	8010	Trichloroethene		RAS	184	5.0 MCL	
			6010	Nickel Thallium		RAS RAS	0.14 0.044 B	0.10 MCL 0.0020 MCL	R
MJ-290	06-Apr-94	A	6010	Antimony		RAS	0.029	0.0060 MCL	
MJ-291	06-Apr-94	A	8010	Trichloroethene		RAS	15	5.0 MCL	
			6010	Antimony Arsenic Thallium		RAS RAS RAS	0.032 0.059 0.027	0.0060 MCL 0.050 MCL 0.0020 MCL	
MJ-999	06-Apr-94	C	8010	Methylene Chloride Trichloroethene cis-1,2-Dichloroethene		RAS RAS RAS	84 H 17700 H 390 H	5.0 MCL 5.0 MCL 6.0 MCL	
			8020	Benzene		RAS	2.5	1.0 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis Lab	Concentration	Contaminant Level Or Action Level	Qualified Results
MU-999	06-Apr-94	C	8020 6010	Thallium	RAS	0.038	0.0020 MCL	
MU-1049	14-Apr-94	B	8010	Trichloroethene	RAS	7.3 H	5.0 MCL	
			6010	Nickel	RAS	0.16	0.10 MCL	
MU-1064	18-Apr-94	D	6010	Nickel	RAS	0.15	0.10 MCL	
MU-1067	14-Apr-94	A	8010	Carbon Tetrachloride	RAS	1.7	0.50 MCL	
MU-1068	14-Apr-94	A	6010	Nickel	RAS	0.13	0.10 MCL	

TABLE 4 (Continued)

FOOTNOTES AND ABBREVIATIONS

DATAFLAGS:

N = Previously confirmed on second column or by GC/MS.

B = Analyte is found in the associated blank, but the sample results are not corrected for the amount in the blank.

P = Analyte not confirmed. Ratio of results from primary and secondary GC columns differ by greater than a factor of three due to coelution or interference.

FIELD DUPLICATE ANALYSIS:

FD = Field duplicate.

LAB:

RAS = Radian Analytical Services, Austin.

MAXIMUM CONTAMINANT LEVEL/ACTION LEVEL:

MCL = Cal/EPA Dept. of Toxic Substances Control Maximum Contaminant Level.

WELL IDENTIFICATION:

EC = Extraction Well Composite (EC-1 is a composite of EW-73, EW-83, EW-84, EW-85, EW-86, and EW-87)

EW = Extraction Well.

MJ = Monitoring Well.

QUALIFIED RESULTS:

PF = Qualified as estimated due to high total variability as measured by field duplicates.

R = Detected in reagent blank.

UNITS:

METHODS 8010, 8020 = ug/L.

METHODS 6010, 7060, 7421, 7470, 7740 = mg/L.

MCL FOR METHODS 8010, 8020 = ug/L.

MCL FOR METHODS 6010, 7060, 7421, 7470, 7740 = mg/L.

mg/L = milligrams per liter.

ug/L = micrograms per liter.

**TABLE 5. AMBIENT BLANKS WITH ASSOCIATED WELL SAMPLES,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
APRIL THROUGH JUNE 1994, McCLELLAN AIR FORCE BASE**

Ambient Blank	Date Sampled	Associated Wells	Sector
AB-28D*	04-19-94	MW-28D	A
AB-242*	04-06-94	MW-242	D

* Methods SW8010 and SW8020.

**TABLE 6. TRIP BLANKS WITH ASSOCIATED WELL SAMPLES,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
APRIL THROUGH JUNE 1994, McCLELLAN AIR FORCE BASE**

Trip Blank ID	Date Sampled	Shipping Cooler ID	Associated Wells
TB-1*	04-11-94	A	MW-41S MW-41S Field Duplicate MW-60 MW-60 Field Duplicate MW-214 MW-228 MW-228 Field Duplicate MW-229 MW-287 MW-288
TB-2*	04-13-94	B	MW-1001 MW-1003 MW-1049 MW-1051 MW-1067
TB-3*	04-14-94	A	MW-111 MW-136 MW-136 Field Duplicate MW-201 MW-1018 MW-1019 MW-1067 MW-1069
TB-4*	04-18-94	A	MW-1030 MW-1034 MW-1056 MW-1073 MW-1075 MW-1075 Field Duplicate
TB-5*	04-19-94	A	MW-28D MW-102 MW-232 MW-149 MW-1057

TABLE 6 (Continued)

Trip Blank ID	Date Sampled	Shipping Cooler ID	Associated Wells
TB-6*	04-20-94	A	MW-38D MW-90 MW-90 Field Duplicate MW-133 MW-138 MW-142 PZ-2205 PZ-2205 Field Duplicate
TB-7*	04-21-94	A	MW-5 MW-18D MW-100 MW-135 MW-231 MW-1040 MW-1044
TB-8*	04-22-94	B	MW-16D MW-17D MW-495 MW-70 EW-86

* Methods SW8010 and SW8020.

**TABLE 7. SUMMARY OF QUALITY CONTROL RESULTS FOR BLANKS,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
APRIL THROUGH JUNE 1994, McCLELLAN AIR FORCE BASE**

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Occurrences	Analyte (Number of Occurrences)	Range of Results
Reagent Blanks				
8010 (34 analytes)	25	850	Carbon Tetrachloride (1) Dibromomethane (2) Methylene Chloride (17) 1,1,1-Trichloroethane (1) Trichlorofluoromethane (1)	.0758 µg/L .122 - 1.28 µg/L .0505 - 1.08 µg/L .246 µg/L .318 µg/L
8020 (8 analytes)	22	176	Chlorobenzene (10) Ethylbenzene (5) Toluene (8) Total Xylenes (3)	.0320 - .0710 µg/L .0443 - .0737 µg/L .0442 - 3.04 µg/L .0404 - .0497 µg/L
6010 (23 analytes)	11	253	Aluminum (3) Antimony (2) Arsenic (3) Barium (2) Beryllium (1) Calcium (4) Cobalt (2) Iron (3) Magnesium (2) Manganese (3) Sodium (5) Thallium (4) Zinc (3)	.144 - 2.21 mg/L .0500 - .0584 mg/L .0344 - .0399 mg/L .00102 - .00161 mg/L .00179 mg/L .0434 - .0898 mg/L .00408 - .00759 mg/L .00661 - .0342 mg/L .0250 - .0560 mg/L .00193 - .0130 mg/L .0453 - .146 mg/L .0266 - .0549 mg/L .00161 - .00904 mg/L
7060 (1 analyte)	10	10	No Analytes Detected	NA
7421 (1 analyte)	10	10	No Analytes Detected	NA
7470 (1 analyte)	6	6	No Analytes Detected	NA
7740 (1 analyte)	11	11	No Analytes Detected	NA

TABLE 7 (Continued)

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Occurrences	Analyte (Number of Occurrences)	Range of Results
Trip Blanks				
8010 (34 analytes)	8	272	Methylene Chloride (5) 1,1,1,2-Tetrachloroethane (1) 1,1,2,2-Tetrachloroethane (1) Trichloroethene (1)	.0698 - .470 µg/L .0985 µg/L .203 µg/L .567 µg/L
8020 (8 analytes)	8	64	Chlorobenzene (2) Ethylbenzene (2) Toluene (3) Total Xylenes (2)	.0388 - .0458 µg/L .0401 - .0469 µg/L .0472 - .0623 µg/L .0893 - .122 µg/L
Ambient Blanks				
8010 (34 analytes)	2	68	Methylene Chloride (1)	1.18 µg/L
8020 (8 analytes)	2	16	Chlorobenzene (1) Ethyl Benzene (1) Toluene (2) Total Xylenes (2)	.0458 µg/L .0475 µg/L .0311 - .0596 µg/L .0485 - .160 µg/L
Equipment Blanks				
8010 (34 analytes)	6	204	Dibromochloromethane (1) 1,3-Dichlorobenzene (1) Methylene Chloride (6) Tetrachloroethene (1) Trichloroethene (1) 1,2,3-Trichloropropane (1)	.157 µg/L .0729 µg/L .101 - .226 µg/L .131 µg/L .179 µg/L .376 µg/L
8020 (8 analytes)	5	40	Benzene (1) Chlorobenzene (1) Ethyl Benzene (1) Toluene (2) Total Xylenes (2)	.0987 µg/L .0532 µg/L .0567 µg/L .123 - .173 µg/L .146 - .223 µg/L
6010 (23 analytes)	10	230	Antimony (3) Arsenic (3) Barium (5) Beryllium (3) Calcium (6) Cobalt (1) Copper (3) Iron (5) Magnesium (3) Manganese (3) Potassium (2) Sodium (10) Thallium (1) Zinc (9)	.0459 - .102 mg/L .0262 - .0502 mg/L .00134 - .0713 mg/L .000810 - .00446 mg/L .0468 - 1.55 mg/L .0641 mg/L .00710 - .00924 mg/L .0130 - .0372 mg/L .0322 - 1.02 mg/L .00199 - .0598 mg/L .417 - 1.81 mg/L .0799 - 1.97 mg/L .0251 mg/L .00464 - .0799 mg/L

TABLE 7 (Continued)

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Occurrences	Analyte (Number of Occurrences)	Range of Results
7060 (1 analyte)	10	10	No Analytes Detected	NA
7421 (1 analyte)	10	10	Lead (1)	.00076 mg/L
7470 (1 analyte)	10	10	Mercury (1)	.00015 mg/L
7740 (1 analyte)	10	10	No Analytes Detected	NA

NOTE: Some concentration values in ranges may have associated flags; see individual result tables.

NA = Not applicable.

mg/L = Milligrams per liter.

µg/L = Micrograms per liter.

**TABLE 8. SUMMARY OF QUALITY CONTROL RESULTS FOR DUPLICATES,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
APRIL THROUGH JUNE 1994, McCLELLAN AIR FORCE BASE**

U.S. EPA SW-846 Method	Number Performed	Number of Detected Pairs (= Number of Possible Results)	Analyte	Range of Results RPD (%)	Acceptance Criteria ^a RPD (%)	Results Not Meeting Criteria ^b
Matrix Spike Duplicates						
8010	26	234	9 analytes	0 - 27	30	0
8020	24	96	4 analytes	1.1 - 15	30	0
6010	21	483	23 metals	0 - 15	20	0
7060	10	10	Arsenic	0 - 2.0	20	0
7421	10	10	Lead	0 - 5.0	20	0
7470	6	6	Mercury	.97 - 4.0	20	0
7740	17	17	Selenium	1.0 - 66	20	9
Field Duplicate Samples						
8010	12	69	Varies	.35 - 182	30	12
8020	10	42	Varies	.62 - 112	30	6
6010	5	58	23 metals	.33 - 82	50	4
7060	5	1	Arsenic	0 - 23	50	0
7421	5	0	Lead	NA	50	0
7470	5	1	Mercury	0 - 67	50	1
7740	5	2	Selenium	0 - 20	50	0

^a The acceptance criteria represent the upper acceptable bound of the relative percent difference (% RPD) for duplicates.

^b Refers to individual analytical results, not overall sample results.

NA = Not applicable

NS = Not Spiked

RPD = Relative Percent Difference

**TABLE 9. SUMMARY OF QUALITY CONTROL RESULTS FOR SPIKES,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
JANUARY THROUGH MARCH 1994, McCLELLAN AIR FORCE BASE**

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Results	Analyte	Range of Results Recovery (%)	Acceptance Criteria^a Recovery (%)	Results Not Meeting Criteria^b
8010	52	468	9 analytes	51 - 138	Varies	0
8020	48	192	4 analytes	82 - 119	Varies	0
6010	42	966	23 metals	79 - 119	80 - 120	1
7060	20	20	Arsenic	100 - 116	80 - 120	0
7421	20	20	Lead	89 - 103	80 - 120	0
7470	12	12	Mercury	98 - 106	80 - 120	0
7740	34	34	Selenium	58 - 183	80 - 120	16

^a The acceptance criteria represents the acceptable spikes recovery ranges.

^b Refers to individual analytical results, not overall sample results.

NS = Not Spiked

**TABLE 10. SUMMARY OF QUALIFIED DATA, GROUNDWATER SAMPLING AND
ANALYSIS PROGRAM, JANUARY THROUGH MARCH 1994,
McCLELLAN AIR FORCE BASE**

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
EC-1	SW8010	1,2-Dichloroethane, Bromochlorobenzene, Methylene Chloride, Vinyl Chloride	PF	High RPD between field duplicates
	SW8020	1,2-Dichlorobenzene, 1,3-Dichlorobenzene	PF	High RPD between field duplicates
	SW6010	Aluminum, Beryllium, Barium, Iron, Zinc	R O	Detected in reagent blank Detected in reagent blank
EW-63	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Thallium	R	Detected in reagent blank
		Zinc	O	Detected in equipment blank
EW-83	SW6010	Beryllium, Manganese	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
EW-84	SW6010	Cobalt	R	Detected in reagent blank
		Barium, Zinc	o	Detected in equipment blank
EW-85	SW6010	Aluminum, Cobalt, Manganese	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
EW-86	SW6010	Aluminum, Manganese	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
EW-87	SW6010	Lead	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
EW-137	SW8020	Toluene	R	Detected in reagent blank
	SW6010	Zinc	O	Detected in equipment blank
EW-140	SW8020	Chlorobenzene	R	Detected in reagent blank
	SW6010	Iron, Zinc	O	Detected in equipment blank
EW-144	SW8020	Chlorobenzene, Toluene, Total Xylenes	R	Detected in reagent blank
EW-246	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Arsenic, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-5	SW6010	Manganese, Zinc	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank

TABLE 10 (Continued)

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
MW-10	SW8020	Toluene, Total Xylenes	R	Detected in reagent blank
	SW6010	Arsenic, Thallium Zinc	R O	Detected in reagent blank Detected in equipment blank
MW-14	SW8020	Toluene, Total Xylenes	R	Detected in reagent blank
	SW6010	Antimony, Arsenic, Thallium Barium, Zinc	R O	Detected in reagent blank Detected in equipment blank
MW-16D	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Cobalt Barium, Zinc	R O	Detected in reagent blank Detected in equipment blank
MW-17D	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-18D	SW6010	Manganese, Zinc Barium, Zinc	R	Detected in reagent blank
			O	Detected in equipment blank
MW-28D	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-38D	SW6010	Iron, Zinc	O	Detected in equipment blank
MW-41S	SW6010	Barium, Zinc Thallium	O	Detected in equipment blank
			PF,R	High RPD between field duplicates, Detected in reagent blank
MW-49S	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Iron Barium, Iron, Zinc	R O	Detected in reagent blank Detected in equipment blank
MW-53	SW6010	Barium	O	Detected in equipment blank
MW-54	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Zinc	O	Detected in equipment blank
MW-60	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-70	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Cobalt, Iron Barium, Iron, Zinc	R O	Detected in reagent blank Detected in equipment blank
MW-89	SW8020	Chlorobenzene	R	Detected in reagent blank
	SW6010	Manganese Barium, Iron, Zinc	R O	Detected in reagent blank Detected in equipment blank

TABLE 10 (Continued)

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
MW-90	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Cobalt	R	Detected in reagent blank
		Barium, Calcium, Zinc	O	Detected in equipment blank
MW-100	SW6010	Zinc	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-102	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-108	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium	O	Detected in equipment blank
MW-133	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-135	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-136	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-138	SW6010	Cobalt	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-142	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-149	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-150	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-151	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-152	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-153	SW8010	1,1-Dichloroethene, cis-1,2-Dichloroethene	PF	High RPD between field duplicates
	SW6010	Arsenic, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-164	SW8020	Total Xylenes	R	Detected in reagent blank
	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-169	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-170	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-174	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-175	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-178	SW8020	Ethyl Benzene, Toluene, Total Xylenes	R	Detected in reagent blank
	SW6010	Arsenic, Thallium Barium, Zinc	R O	Detected in reagent blank Detected in equipment blank

TABLE 10 (Continued)

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
MW-179	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-182	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-191	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW8020	Toluene, Total Xylenes	R	Detected in reagent blank
MW-194	SW8010	Trichloroethene	PF	High RPD between field duplicates
MW-201	SW6010	Barium, Iron, Zinc	O	Detected in equipment blank
MW-210	SW6010	Arsenic, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-212	SW8020	Toluene	R	Detected in reagent blank
MW-214	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-218	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-222	SW8020	Toluene	R	Detected in reagent blank
MW-228	SW8020	Benzene, Ethyl Benzene, Toluene, Total Xylenes	PF	High RPD between field duplicates
	SW6010	Thallium	R	Detected in reagent blank
		Antimony	PF	High RPD between field duplicates
		Zinc	O	Detected in equipment blank
MW-229	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-231	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-232	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium, Zinc	O	Detected in reagent blank
MW-235	SW6010	Arsenic, Barium, Thallium	R	Detected in reagent blank
		Zinc	O	Detected in equipment blank
MW-237	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Manganese	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-240	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Manganese Potassium, Zinc	PF	Detected in reagent blank High RPD between field duplicates

TABLE 10 (Continued)

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
MW-241	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-242	SW8020	Toluene, Total Xylenes	O	Detected in equipment blank
	SW8010	Barium, Zinc	O	Detected in equipment blank
MW-243	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-244	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-270	SW8020	Chlorobenzene, Toluene	R	Detected in reagent blank
	SW6010	Manganese	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-271	SW6010	Manganese	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-272	SW6010	Antimony, Arsenic, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-281	SW6010	Antimony	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-282	SW6010	Antimony, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-283	SW6010	Antimony	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-284	SW6010	Arsenic, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-285	SW6010	Arsenic, Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-286	SW8020	Chlorobenzene	R	Detected in reagent blank
	SW6010	Antimony, Thallium	R	Detected in reagent blank
		Zinc	O	Detected in equipment blank
MW-287	SW6010	Barium, Sodium, Zinc	O	Detected in equipment blank
MW-288	SW6010	Thallium	R	Detected in reagent blank
		Barium, Zinc	O	Detected in equipment blank
MW-289	SW6010	Arsenic, Iron, Thallium	R	Detected in reagent blank
		Barium, Iron, Zinc	O	Detected in equipment blank
MW-290	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-291	SW6010	Iron	R	Detected in reagent blank
		Barium, Iron, Zinc	O	Detected in equipment blank

TABLE 10 (Continued)

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
MW-292	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-999	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-1003	SW6010	Barium	O	Detected in equipment blank
MW-1018	SW8010	Trichlorofluoromethane	R	Detected in reagent blank
MW-1030	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-1034	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium	O	Detected in equipment blank
MW-1040	SW6010	Manganese, Zinc	R	Detected in reagent blank
		Barium	O	Detected in equipment blank
MW-1049	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium, Zinc	O	Detected in equipment blank
MW-1051	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-1053	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-1054	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW8020	Chlorobenzene	R	Detected in reagent blank
MW-1056	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-1057	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-1058	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-1060	SW8010	Methylene Chloride	R	Detected in reagent blank
MW-1061	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Manganese	R	Detected in reagent blank
MW-1064	SW6010	Barium, Zinc	O	Detected in equipment blank
		Barium	R	Detected in reagent blank
MW-1067	SW8020	Chlorobenzene	R	Detected in reagent blank
MW-1068	SW6010	Barium, Zinc	R	Detected in reagent blank
MW-1073	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium, Zinc	R	Detected in reagent blank

TABLE 10 (Continued)

Sample Number	U.S. EPA Method	Analyte(s)	Type of Qualification	Reason
MW-1075	SW8010	Methylene Chloride	R	Detected in reagent blank
	SW6010	Barium, Zinc	O	Detected in equipment blank
PZ-2205	SW6010	Barium, Zinc	O	Detected in equipment blank

EC = Extraction well composite.

EW = Extraction well.

LCS/LCD = Laboratory Control Sample/Laboratory Control Duplicate.

MS = Matrix spike.

MW = Monitoring well.

O = Detected in a field blank.

PF = Qualified as estimated due to high total variability, as measured by field duplicates.

R = Detected in reagent blank.

RPD = Relative percent difference.

REFERENCES

Radian Corporation, 1992. "Installation Restoration Program McClellan Air Force Base: Quality Assurance Project Plan." Final. August.

U.S. Environmental Protection Agency, 1986. *Test Methods for Evaluating Solid Waste, Third Edition*. Office of Solid Waste and Emergency Response. Washington, D.C. 20460. November.

APPENDIX A

**PE Sample Evaluation for SW8010, SW8020,
SW6010, SW7740 for GSAP 2Q94**

MEMORANDUM

TO: Kelly Young

FROM: Sue Murphy

COPY: Mike Thomas

DATE: June 22, 1994

SUBJECT: PE Sample Evaluation for SW8010, SW8020, SW6010, SW7740 for GSAP 2Q94.

Performance Evaluation (PE) samples were sent to Radian Austin in May 1994. These samples are used to assess the laboratory's ability to correctly identify and quantitate the analytes in the methods listed. The results of the PE samples are presented in the following tables.

SW8010/8020: All analyte results submitted are within both the acceptable recovery limits provided by the PE sample manufacturer and the spike recovery limits defined in the McClellan AFB QAPP. However, false positive results for chloroform (4.75 ug/L) and dibromomethane (22.4 ug/L) were reported.

SW6010: 15 of 19 analyte results submitted are within both the acceptable recovery limits provided by the PE sample manufacturer and the spike recovery limits defined in the McClellan AFB QAPP. The exceptions are low unacceptable recoveries for aluminum, lead, and silver. Furthermore, antimony was not reported above the laboratory's detection limit of 76 ug/L and could not be assessed since the actual value was 36.6 ug/L. No further action is required for Antimony.

SW7740: Both average and low level results for selenium were within acceptable recovery limits provided by the PE sample manufacturer and the spike recovery limits defined in the McClellan AFB QAPP. The results indicate good laboratory accuracy for this method.

It is recommended that laboratory staff perform corrective action to determine the cause of the low bias results for aluminum, lead, and silver performed by Method SW6010 and the false positive results for chloroform and dibromomethane performed by Method SW8010. Please provide written documentation describing the findings by July 15, 1994.

PERFORMANCE EVALUATION METHOD FOR METHODS SW8010/8020

Analyte	Actual Value ug/L	Reported Value ug/L	Percent Recovery %	Acceptance Ranges		Comments
				ERA ug/L	QAPP %	
Benzene	44.3	39.6	89	16-67	39-150	Acceptable
BDCB	29.3	24.2	83	10-45	24-191	Acceptable
Bromoform	103	54.1	53	46-174	NA	Acceptable
Carbon Tet.	69.8	59.4	85	49-98	43-143	Acceptable
Chlorobenzene	50.5	47.5	94	19-81	38-150	Acceptable
1,2-DCB	139	120	86	78-217	NA	Acceptable
1,4-DCB	51.3	39.9	78	30-80	NA	Acceptable
1,1-DCA	84.8	75.9	90	50-131	NA	Acceptable
1,2-DCA	111	101	91	54-172	51-147	Acceptable
Ethyl Benzene	64.8	59.9	92	24-105	32-160	Acceptable
Meth. Chloride	44.4	29.8	67	16-91	NA	Acceptable
PCE	88.1	73.2	83	56-130	NA	Acceptable
1,1,1-TCA	55.3	49.4	89	29-90	NA	Acceptable
1,1,2-TCA	90.4	75.9	84	47-136	NA	Acceptable
TCE	73.8	50.8	69	52-116	35-146	Acceptable
Xylene	60.3	55.6	92	23-86	61-129	Acceptable

HIGH LEVEL TRICHLOROETHENE

Analyte	Actual Value ug/L	Reported Value ug/L	Percent Recovery %	Acceptance Ranges		Comments
				ERA ug/L	QAPP %	
TCE	499	490	98	355-814	35-146	Acceptable

PERFORMANCE EVALUATION SAMPLE FOR METHOD SW6010

Analyte	Actual Value ug/L	Reported Value ug/L	Percent Recovery %	Acceptance Ranges		Comments
				ERA ug/L	QAPP %	
Aluminum	121	73.9	61	85.9-145	75-125	Unacceptable
Antimony	36.6	<DL	NC	27.1-49.0	75-125	DL = 76 ug/L
Arsenic	163	122	75	122-192	75-125	Acceptable
Barium	289	280	97	237-341	75-125	Acceptable
Beryllium	142	138	97	116-168	75-125	Acceptable
Cadmium	183	173	95	210-302	75-125	Acceptable
Chromium	288	277	96	236-340	75-125	Acceptable
Cobalt	421	413	98	345-497	75-125	Acceptable
Copper	306	285	93	260-410	75-125	Acceptable
Iron	182	183	100	149-215	75-125	Acceptable
Lead	94.3	41.8	44	77.3-111	75-125	Unacceptable
Manganese	128	123	96	105-151	75-125	Acceptable
Molybdenum	84.7	82.8	98	69.4-99.9	75-125	Acceptable
Nickel	142	129	91	116-168	75-125	Acceptable
Selenium	216	179	83	162-255	75-125	Acceptable
Silver	41.4	17.5	42	33.9-48.8	75-125	Unacceptable
Thallium	107	91.1	85	69.6-126	75-125	Acceptable
Vanadium	108	102	94	88.6-127	75-125	Acceptable
Zinc	290	287	99	238-342	75-125	Acceptable

PERFORMANCE EVALUATION SAMPLE FOR METHOD SW7740

Analyte	Actual Value ug/L	Reported Value ug/L	Percent Recovery %	Acceptance Ranges		Comments
				ERA ug/L	QAPP %	
Selenium	216	184	85	162-265	75-125	Acceptable
Selenium	.0100	.00942	94	.0092-.0118	75-125	Acceptable



MEMORANDUM

TO: Sue Murphy *NCS*

FROM: Michael Shepherd, Diane Velleca *W*

COPY: Kelly Young, Steve Gibson, Luke Petkovsek, Dave Balfour, Karen Kelly
Michael Thomas, Sharon Mertens

DATE: 22 July 1994

SUBJECT: Laboratory Response to McClellan 2Q94 PE Sample Results

SW6010:

The data submitted by the laboratory for the performance evaluation sample were all within acceptable ranges (as defined by the QAPP) with the exception of the values for aluminum, lead, and silver. All three of these results were low with respect to the theoretical or certified value. Those results are shown below in Table 1.

These low results were originally attributed to "relatively large" negative values for these elements in the calibration blanks. While the negative results in the calibration blanks should be considered when evaluating sample data, they should be regarded as measurements of variability around zero and not necessarily calibration or quantitation offsets. A calibration blank is a measurement with no analyte present. In addition, the relative magnitude of the concentration measurements (sample results and blank results) should be considered.

As shown in Table 1, the aluminum theoretical value is almost one-fifth of the QAPP Reporting Limit and IRP PQL of 500 $\mu\text{g/L}$. Similarly, the lead theoretical value is approximately one-half of the QAPP Reporting Limit (200 $\mu\text{g/L}$) and one-fifth of the IRP PQL (500 $\mu\text{g/L}$). Silver is present at approximately the QAPP Reporting Limit and the IRP PQL. The negative values referred to in the calibration blanks are primarily associated with the lead measurements. The values obtained for calibration blanks in the analytical run associated with these samples ranged from -0.015 to -0.044 (-15 and -44 $\mu\text{g/L}$ respectively) all of which fall between ± 50 $\mu\text{g/L}$, the laboratory's PRDL for lead. Hence, the negative values are large relative to the PRDL, and in this case the sample result, but are small with respect to the range over which sample concentrations are measured and with respect to the project's Reporting Limit. In general, the concentrations of these three elements in the PE sample are low relative to the project Reporting Limits (i.e., all three are below the Reporting Limit) and relative to the Laboratory's PRDLs.

The calibration blank data are currently being reported in the standard FPAS report format. However, with a reporting limit at the laboratory PRDL for calibration blanks, these negative results would not be reported.

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22 July 1994
Page 2

Further, a concern has been raised regarding a potential bias in investigative sample results. To help address this issue, the samples were reanalyzed. Examination of the data from the reanalysis indicate no significant change in the investigative sample results for these elements. The results for the PE sample for these elements are somewhat higher and are in better agreement with the theoretical values.

Previous communications discussed instability of the ICP instrument contemporary with the analysis of the investigative samples. These samples were analyzed during the last week of April 1994. The instrument's overall performance degraded from that time such that a service call from our service contractor became necessary 18 May 1994. The problem subsided temporarily until a follow-up service call from the manufacturer was required 9 June 1994. During this time period, samples were analyzed and reported only when specifications for the analysis could be met.

As mentioned in previous communications, there currently is no lower tolerance for the blank criteria. The upper tolerance for the method blanks is generally the PRDL, while the upper tolerance for the calibration blanks is a value that represents three standard deviations of the mean blank values (as described in Method 6010 and the McClellan QAPP). A lower tolerance for the calibration blanks of -PRDL would not have flagged any of the lead data. A lower tolerance of -PRDL would have flagged some of the silver data. The laboratory is proposing to incorporate the -PRDL lower tolerance for all blank data.

In summary, the data originally reported for the PE sample met specifications but were low with respect to the theoretical values for aluminum, lead, and silver. The low values are likely due in part to the low concentrations to begin with and in part to larger than normal instrument variability.

PERFORMANCE EVALUATION SAMPLE RESULTS

Element	Actual Value ($\mu\text{g/L}$)	Reported Value ($\mu\text{g/L}$)	Reporting Limit ^a ($\mu\text{g/L}$)	IRP ^b PQL ($\mu\text{g/L}$)
Al	121	73.9	500	500
Pb	94.3	41.8	200	500
Ag	41.4	17.5	50	70

^a Taken from Table 8-4 McClellan AFB Quality Assurance Project Plan, 8/4/92

^b September 1993 IRP handbook

Memorandum
22 July 1994
Page 3

SW8010/8020:

Regarding the dibromomethane, the analyst did uncover an anomaly in the integration of dibromomethane on the second column. The dibromomethane was actually eluting with the trifluorotoluene surrogate and the Nelson system integrated it as one peak. Once the analyst enlarged the peak, she realized that it was actually two peaks. She then split the peaks and reprocessed the data. After reprocessing, the dibromomethane was calculated at 24.9 $\mu\text{g/L}$. It now confirms the first column result of 22.4 $\mu\text{g/L}$. The analyst also checked the entire batch plus the QC for dibromomethane and did not detect any other hits of dibromomethane in any of the samples or blanks. The MS-VOA lab analyzed the PE sample on 7/19/94 and confirmed the presence of dibromomethane.

Regarding the chloroform, the analyst rechecked both the first and second column batches and did not uncover any anomalies. The QC for chloroform was within tolerance. The lab did detect chloroform in two other samples, but both hits were confirmed on the second column. The MS-VOA lab analyzed the PE sample on 7/19/94 and also confirmed the presence of chloroform.

As we discussed, ERA certifies values for certain analytes in their reference materials, but do they certify the absence of others? The issue should be addressed. The GC/MS confirmation shows no transient airborne contamination, further confirming the presence of dibromomethane and chloroform in the PE sample.

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Plate 1.

Location of
Piezometers and
Monitoring, Extraction,
and Water Supply Wells.

June 1994

McClellan Air Force Base

LATEST REVISION:	VRL	DATE:	06/23/94
GENERATED BY:		DATE:	
PEER REVIEW:		DATE:	
PROJECT REVIEW:		DATE:	

RADIAN
CORPORATION

Index Legend:

MW MONITORING WELL
EW EXTRACTION WELL
PZ PIEZOMETER
A SCREENED IN THE A ZONE
AB SCREENED IN BOTH A AND B ZONES
IAB SCREENED IN AN INTERMEDIATE ZONE
BETWEEN THE A AND B ZONES
QAB SCREENED IN THE AQUITARD BETWEEN
THE A AND B ZONES
B SCREENED IN THE B ZONE
BC SCREENED IN BOTH B AND C ZONES
QBC SCREENED IN THE AQUITARD BETWEEN
THE B AND C ZONES
C SCREENED IN THE C ZONE
ICD SCREENED IN AN INTERMEDIATE ZONE
BETWEEN THE C AND D ZONES
QCD SCREENED IN THE AQUITARD BETWEEN
THE C AND D ZONES
D SCREENED IN THE D ZONE
E SCREENED IN THE E ZONE
ATE SCREENED IN ZONES A THROUGH E
ATF SCREENED IN ZONES A THROUGH F

Map Legend:

● MONITORING WE
● PIEZOMETER
+ DRY WELL
● ABANDONED WE
◇ EXTRACTION WE
* CITY/BASE WEL
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* CITY/BASE WEL

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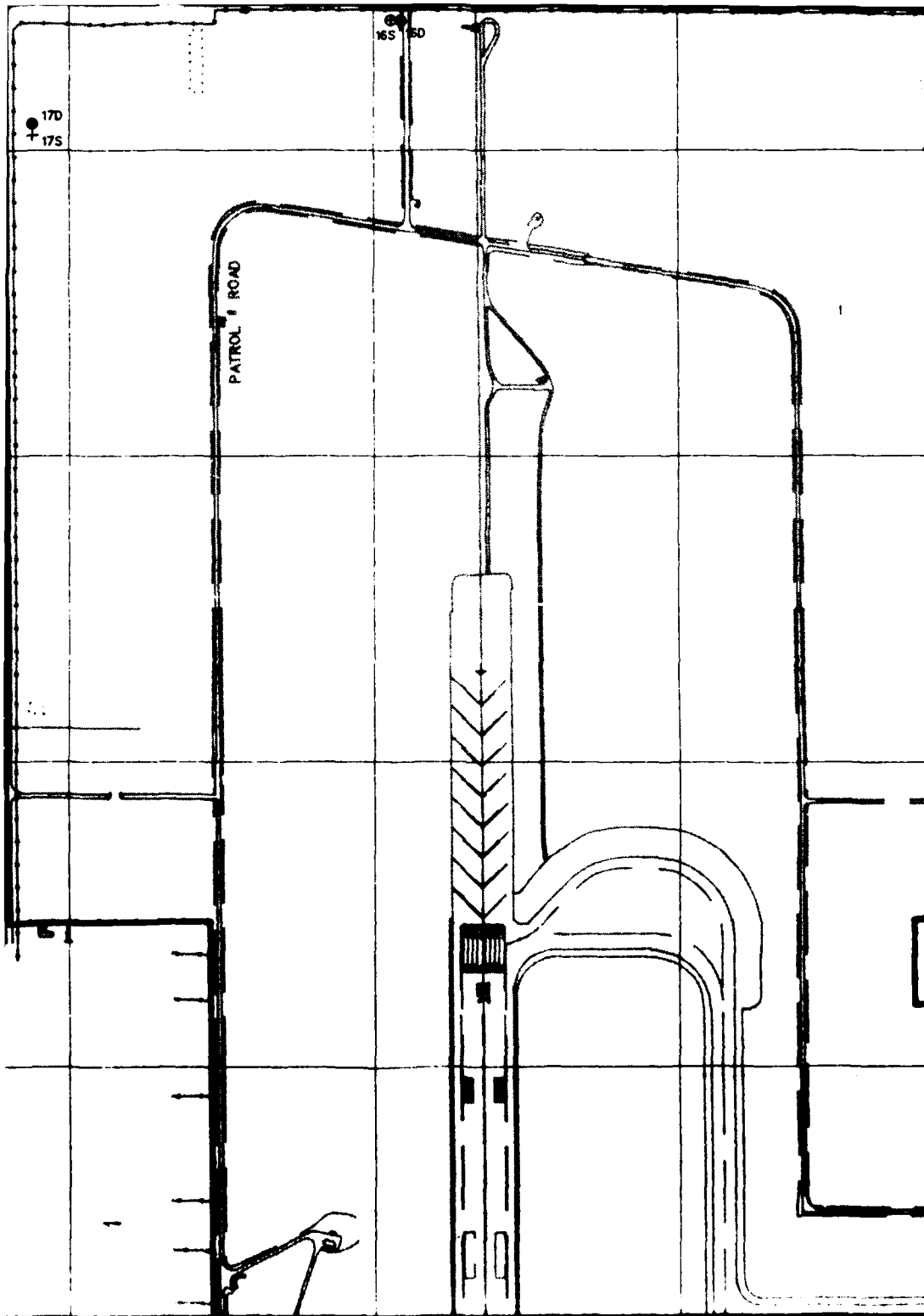
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- PIEZOMETER
- + DRY WELL
- ABANDONED WELL
- ◇ EXTRACTION WELL
- * CITY/BASE WELL (ACTIVE)
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- * CITY/BASE WELL (ABANDONED)



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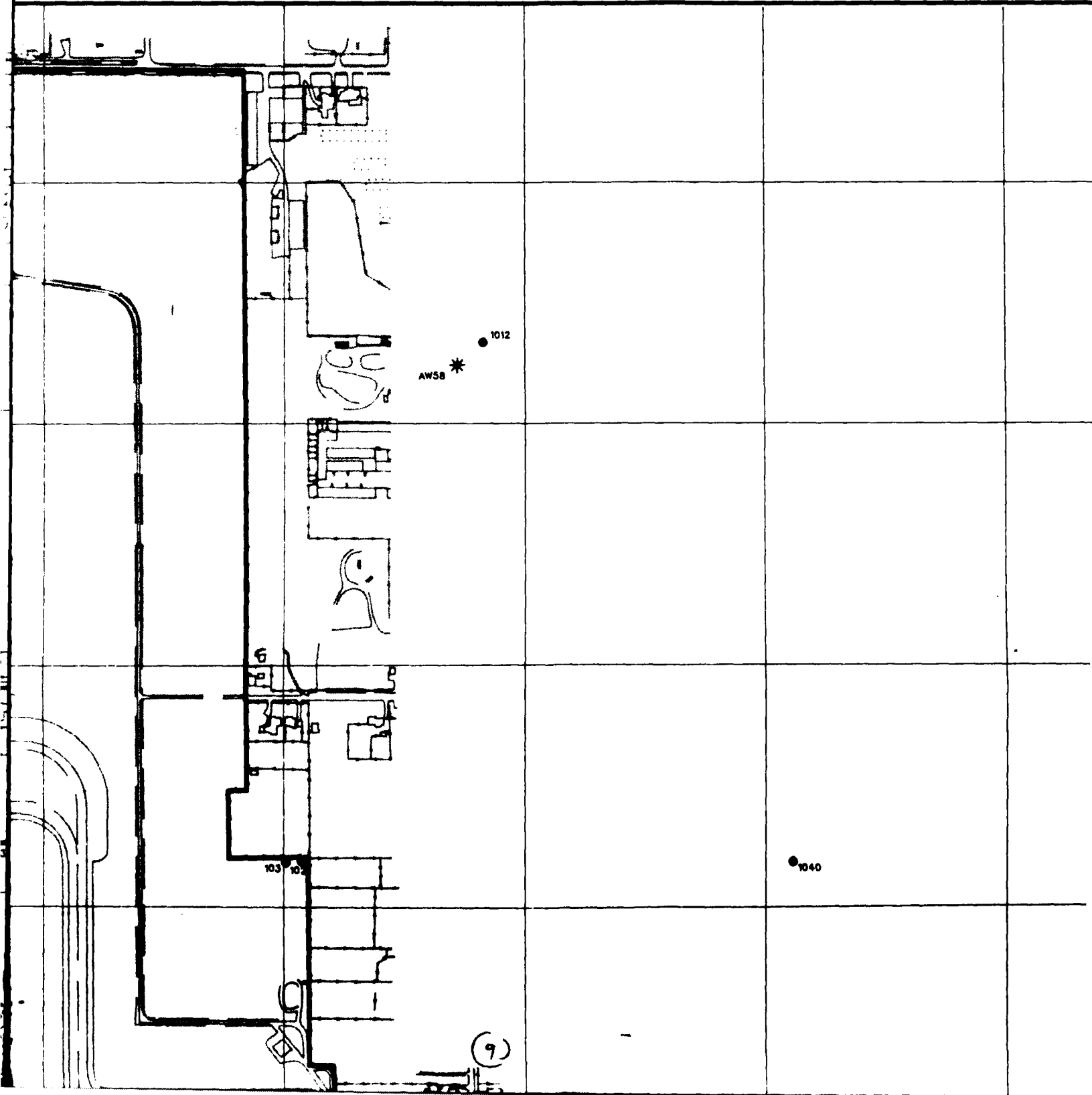
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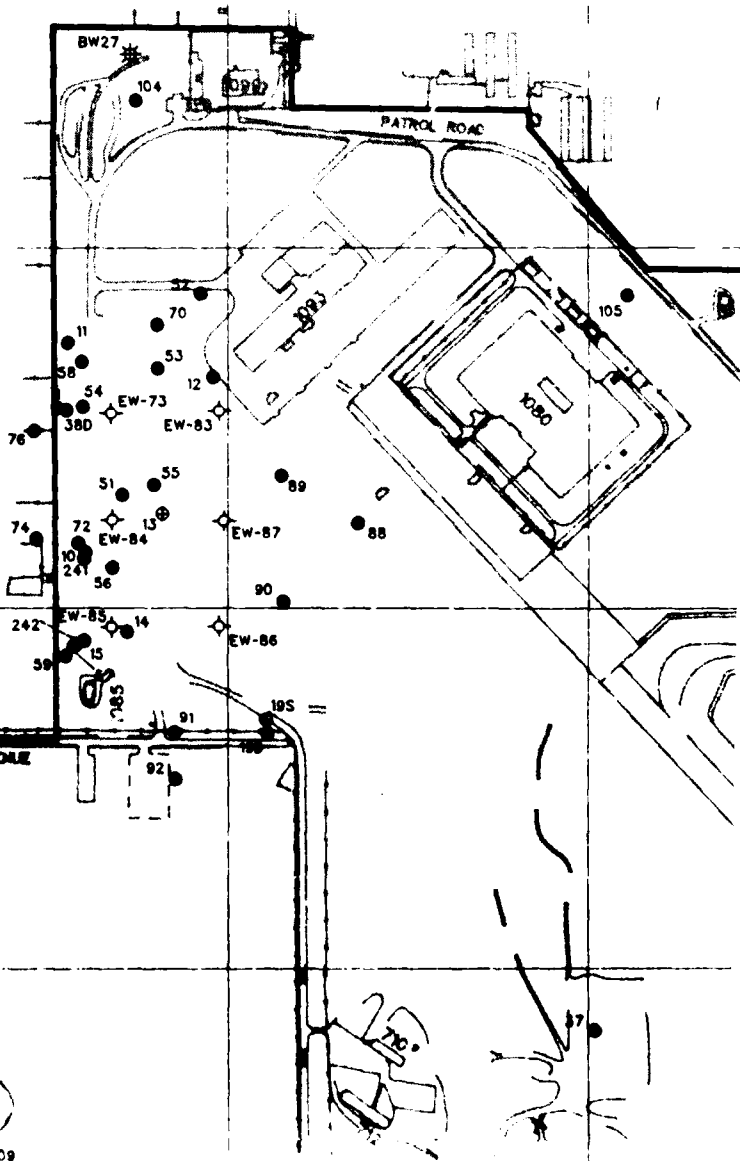
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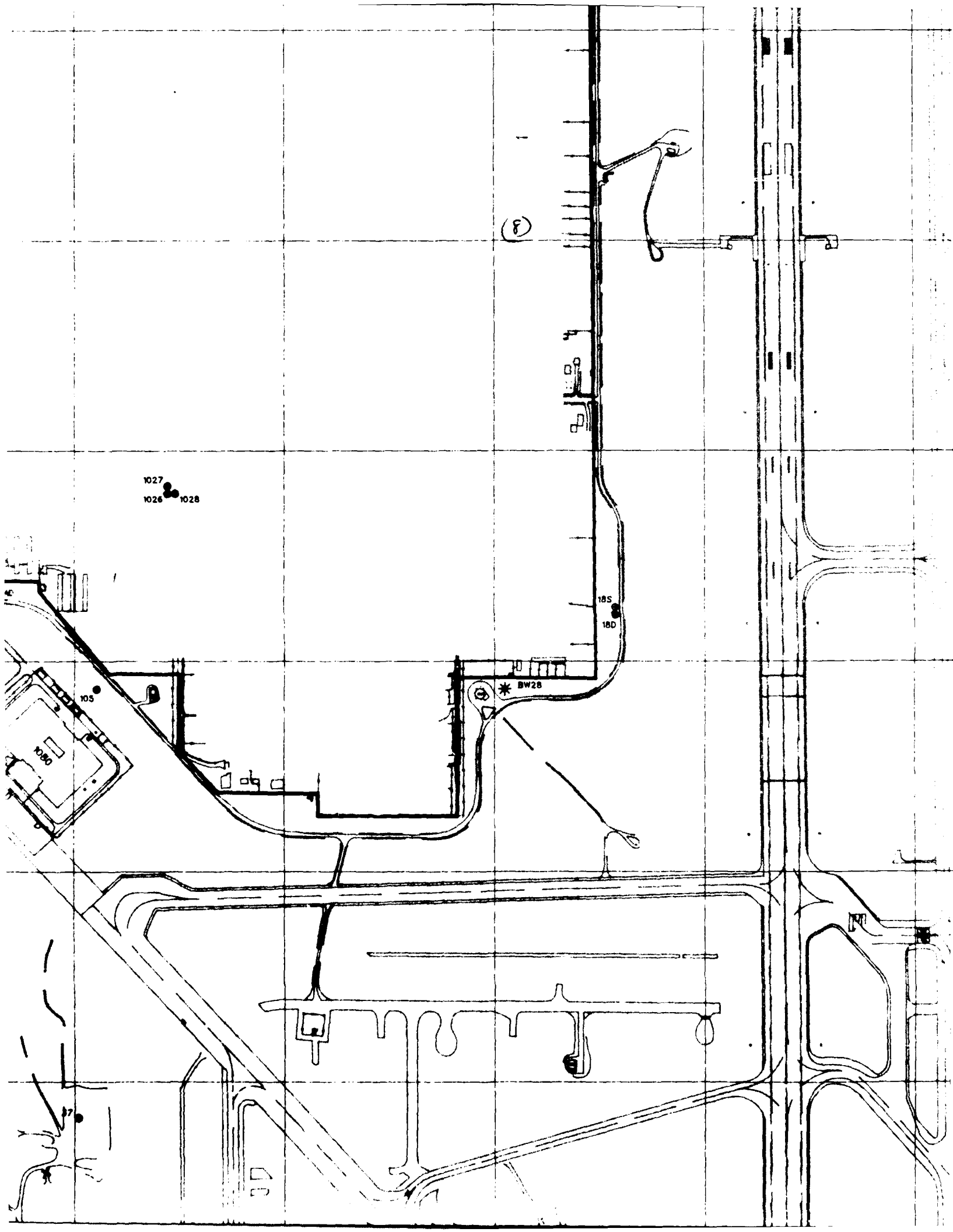
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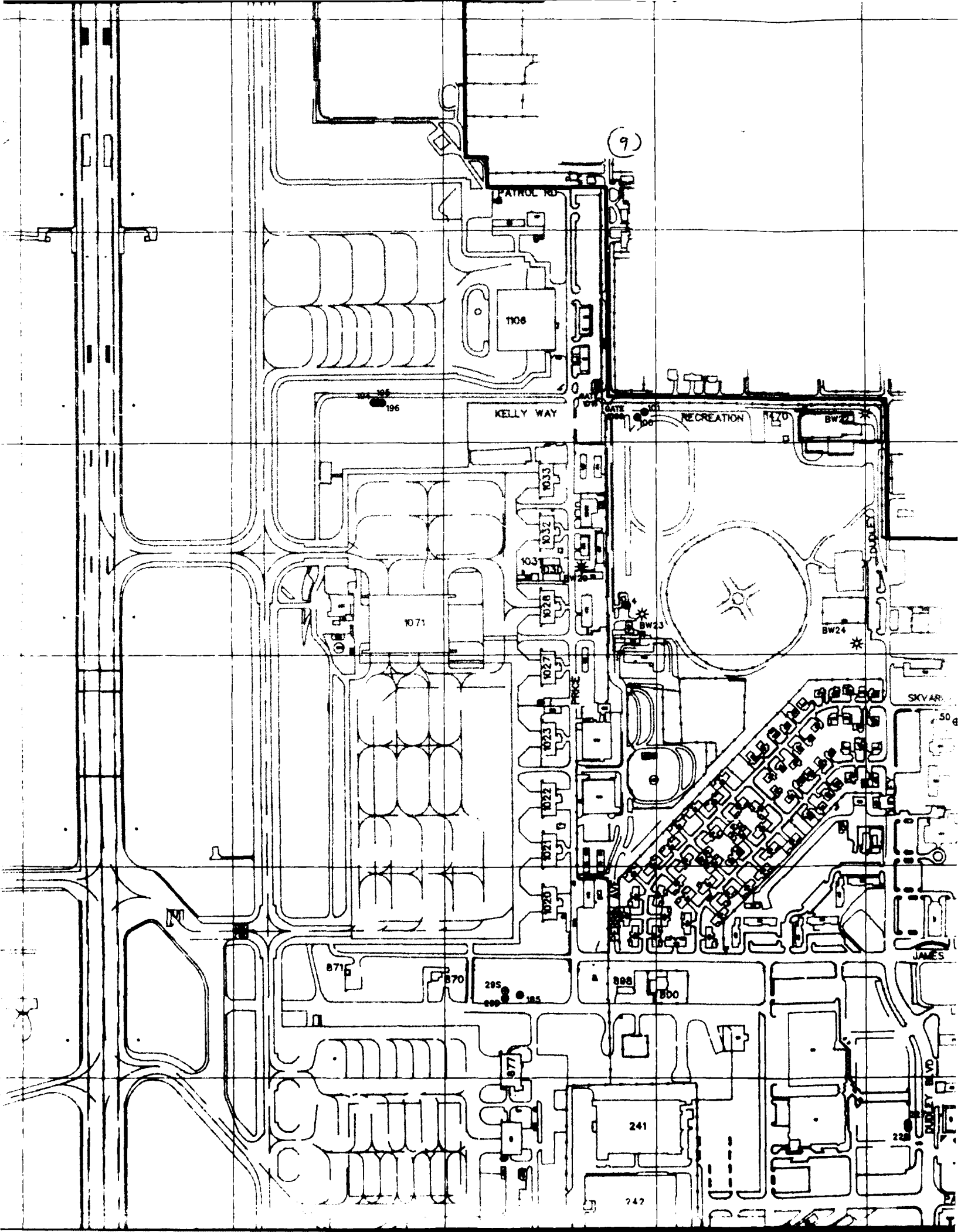
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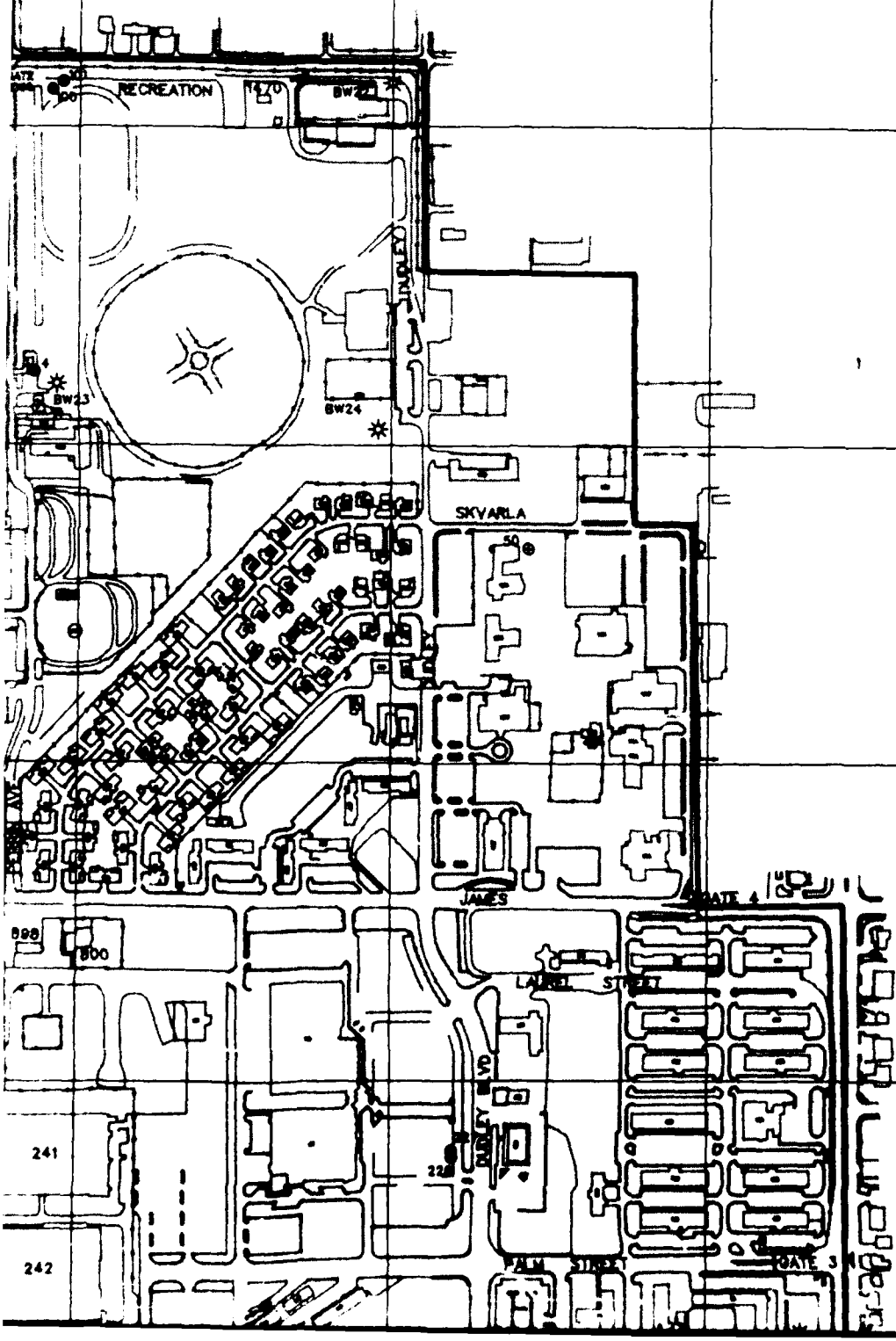
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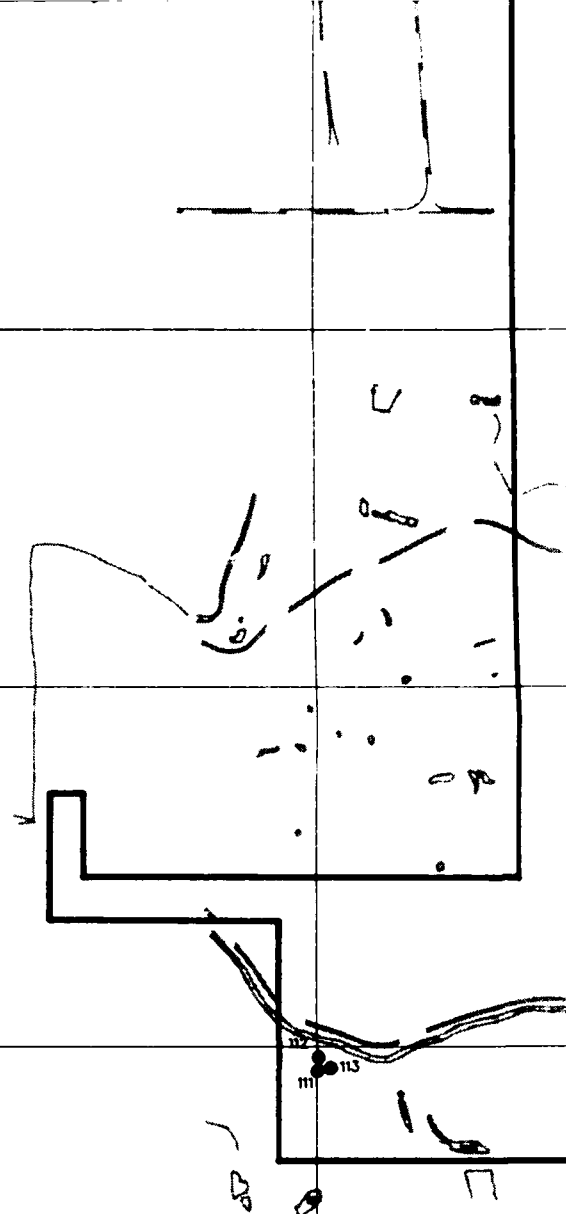
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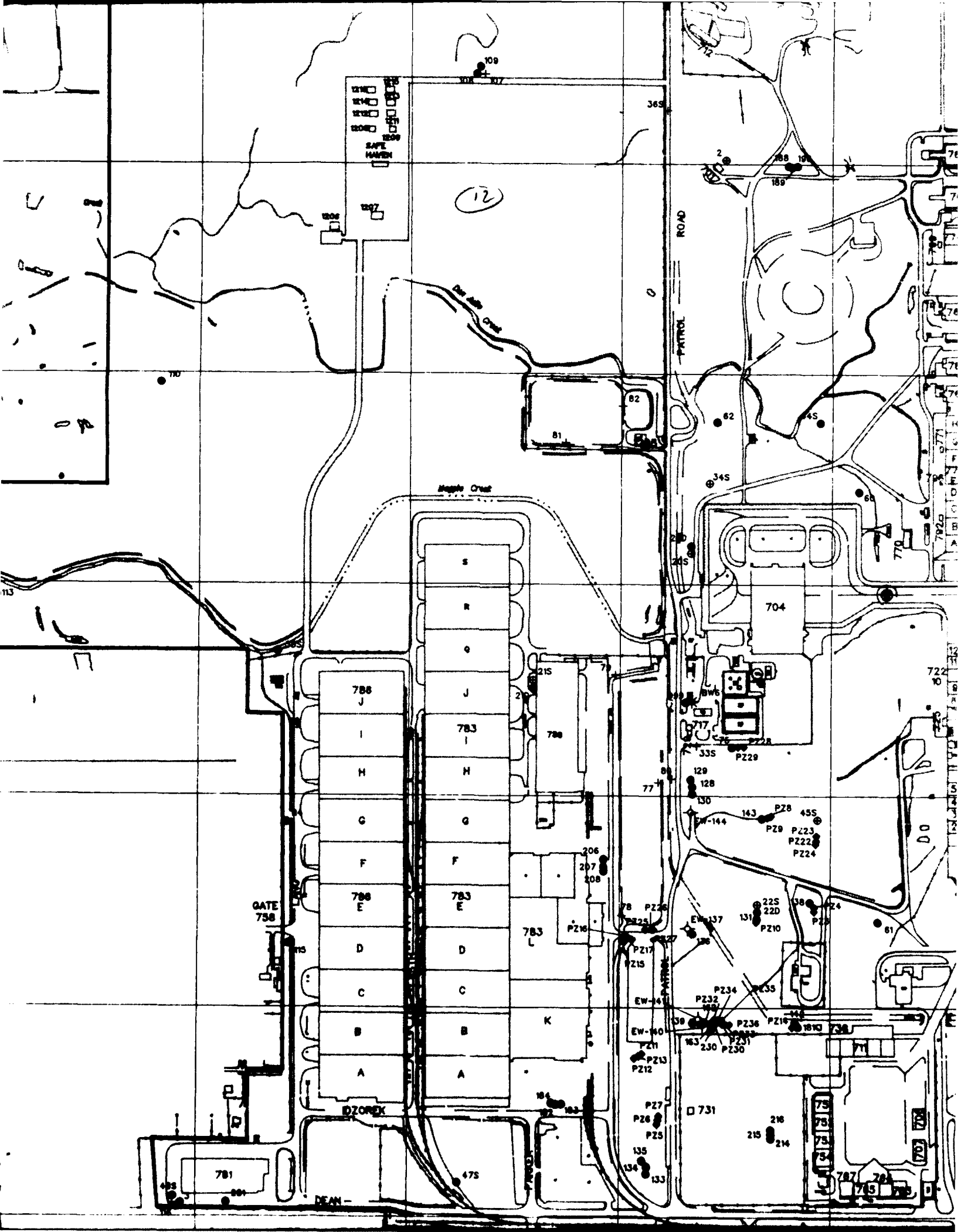
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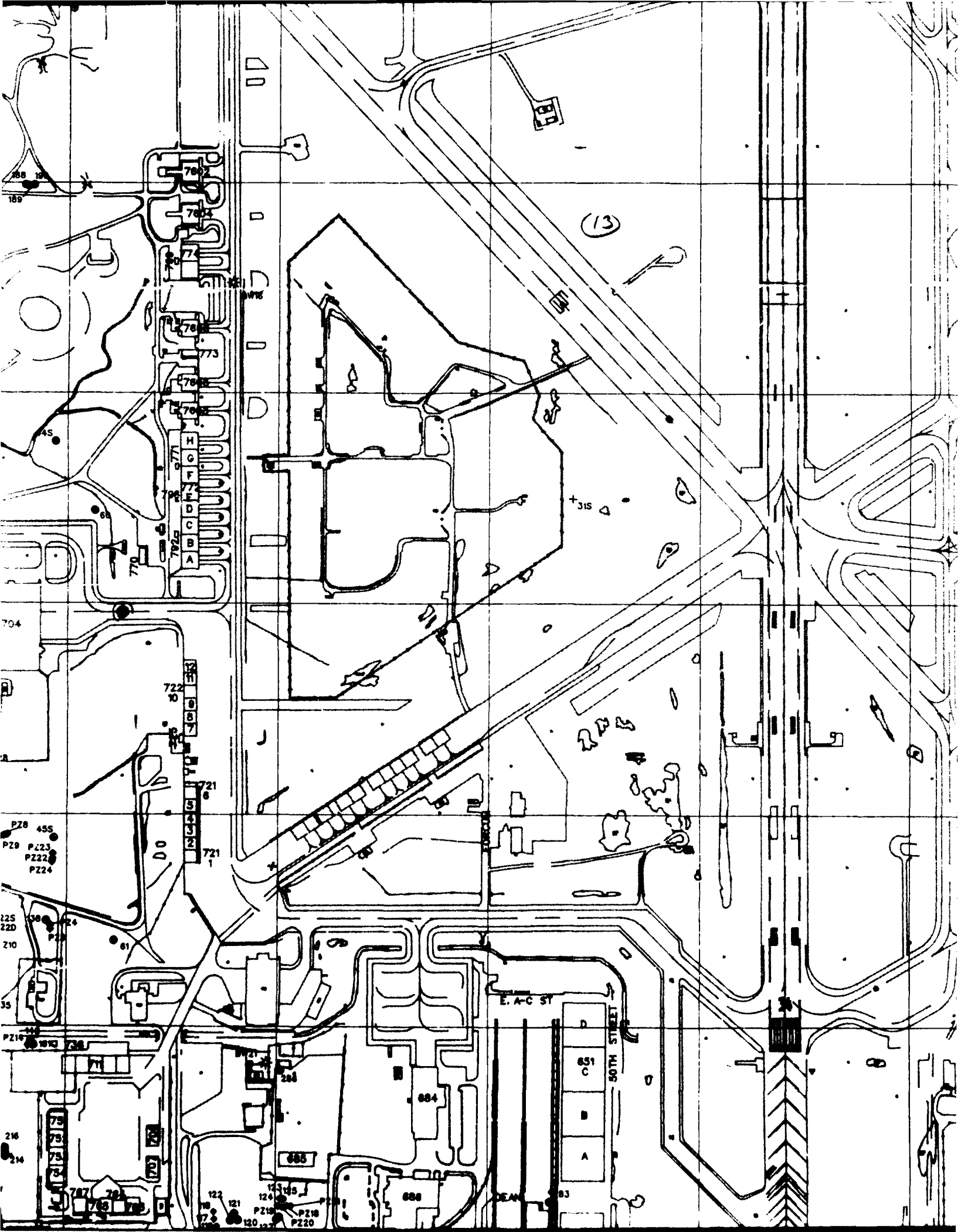
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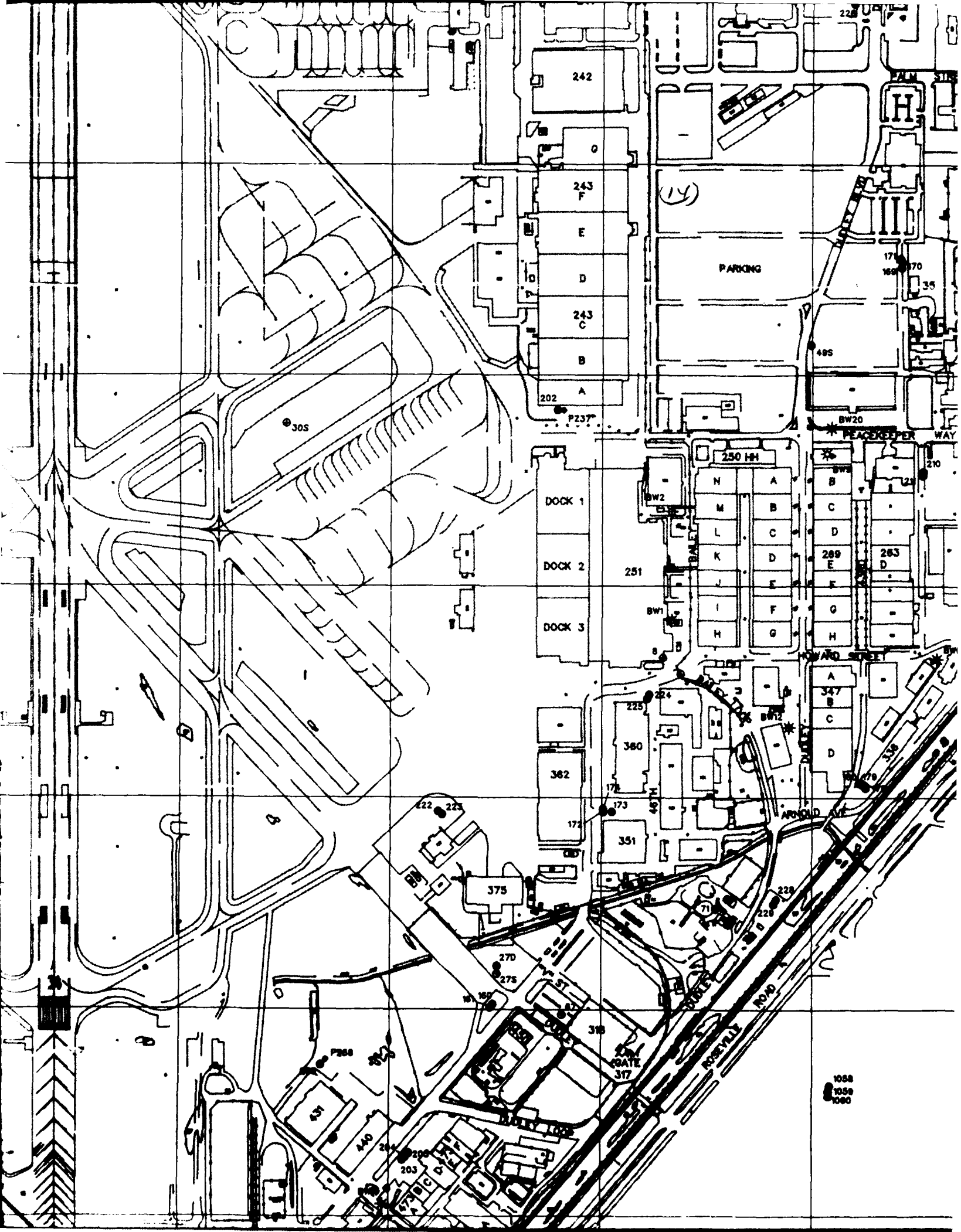
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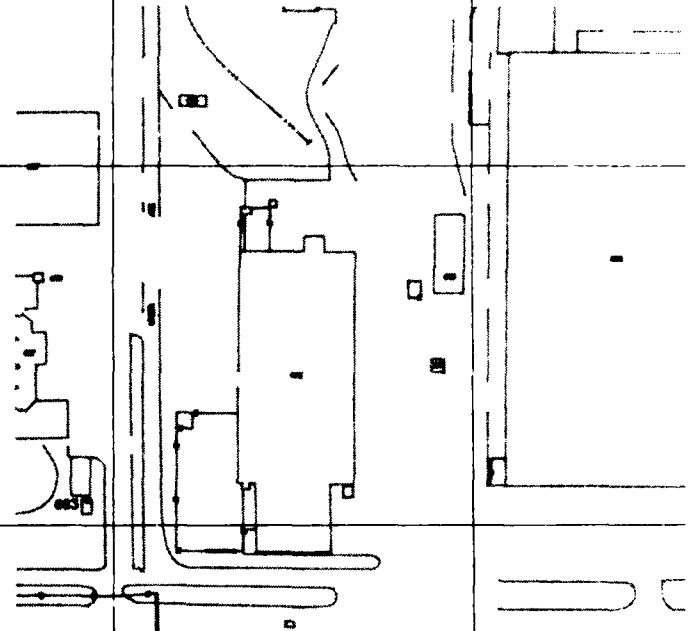




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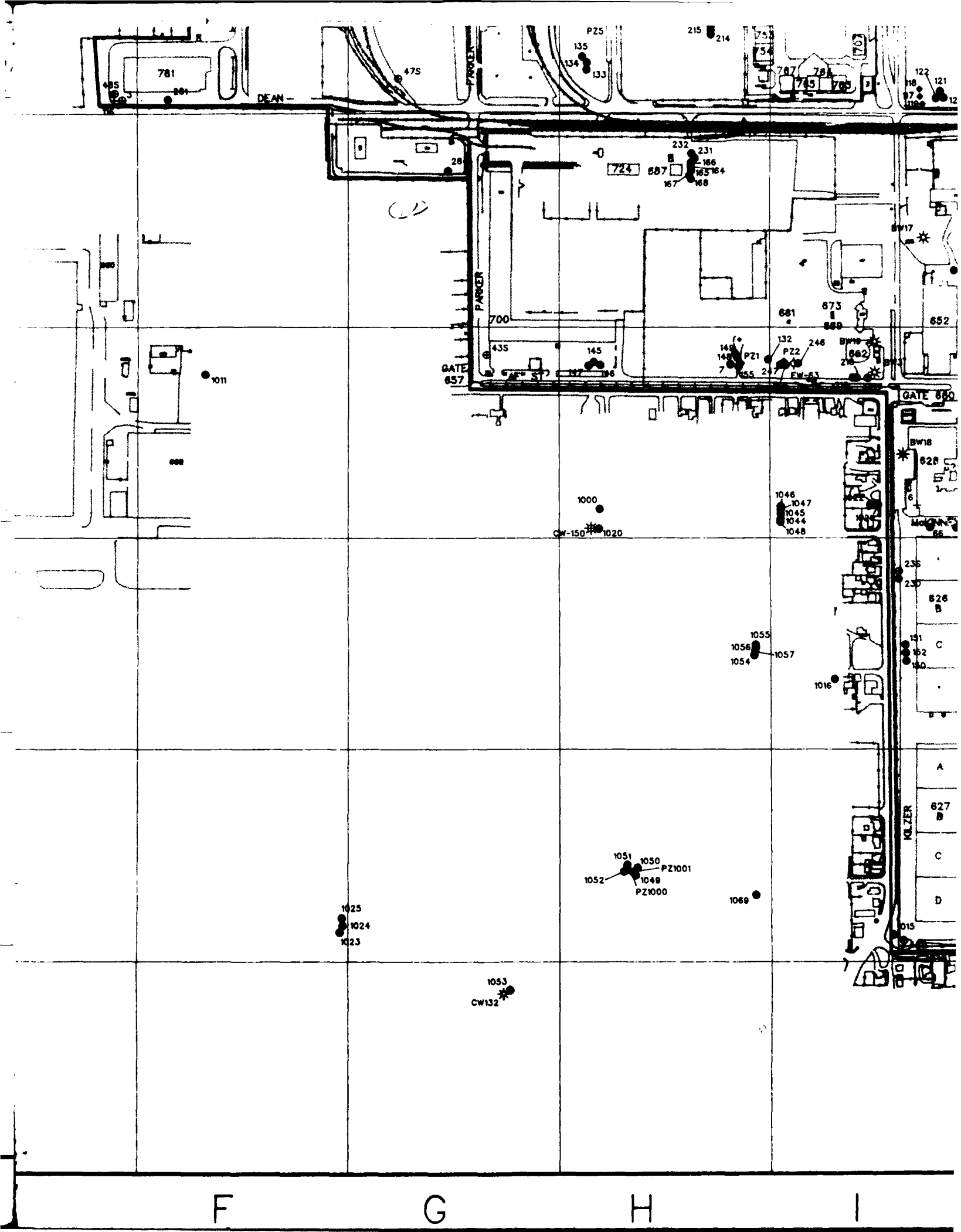
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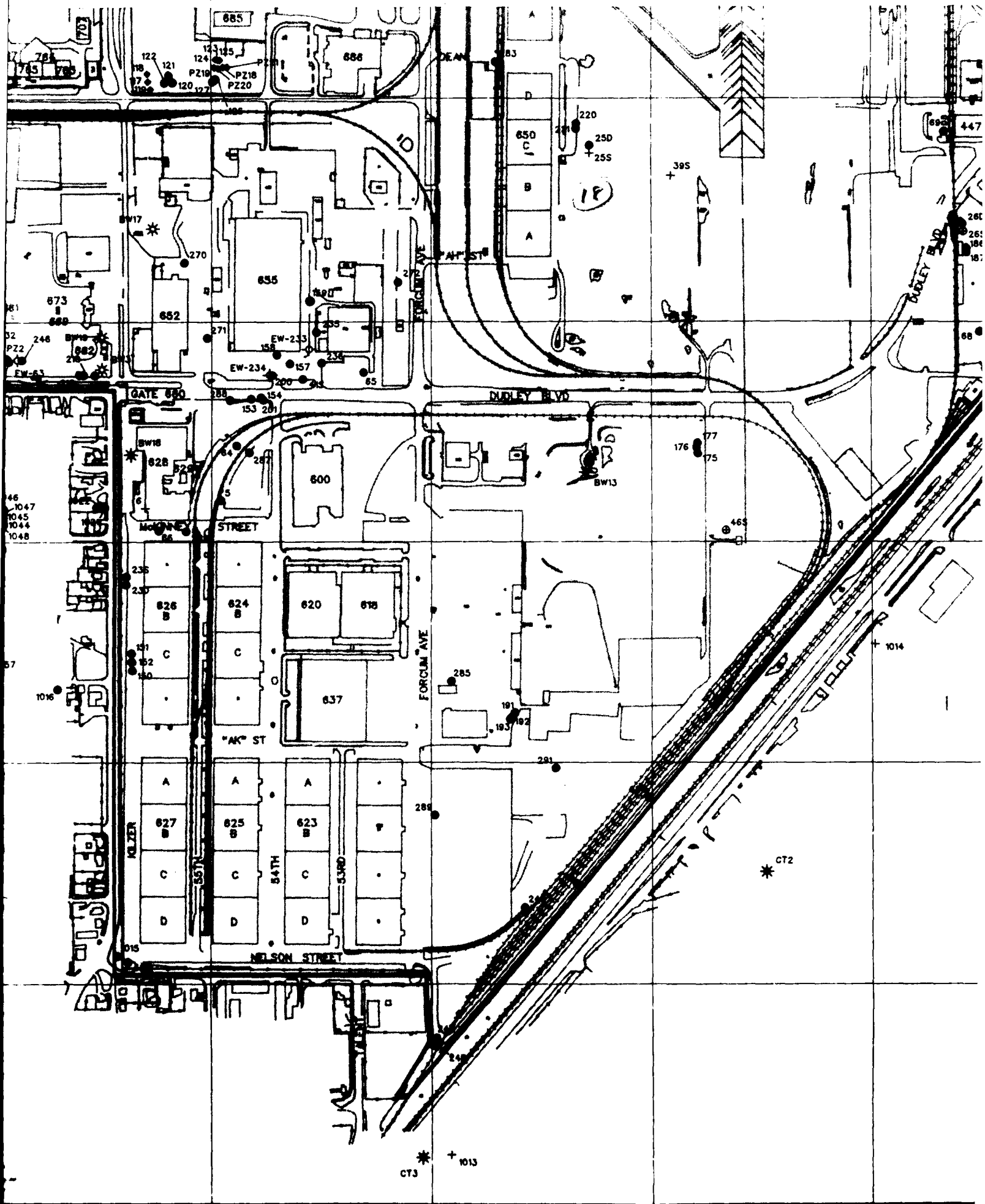
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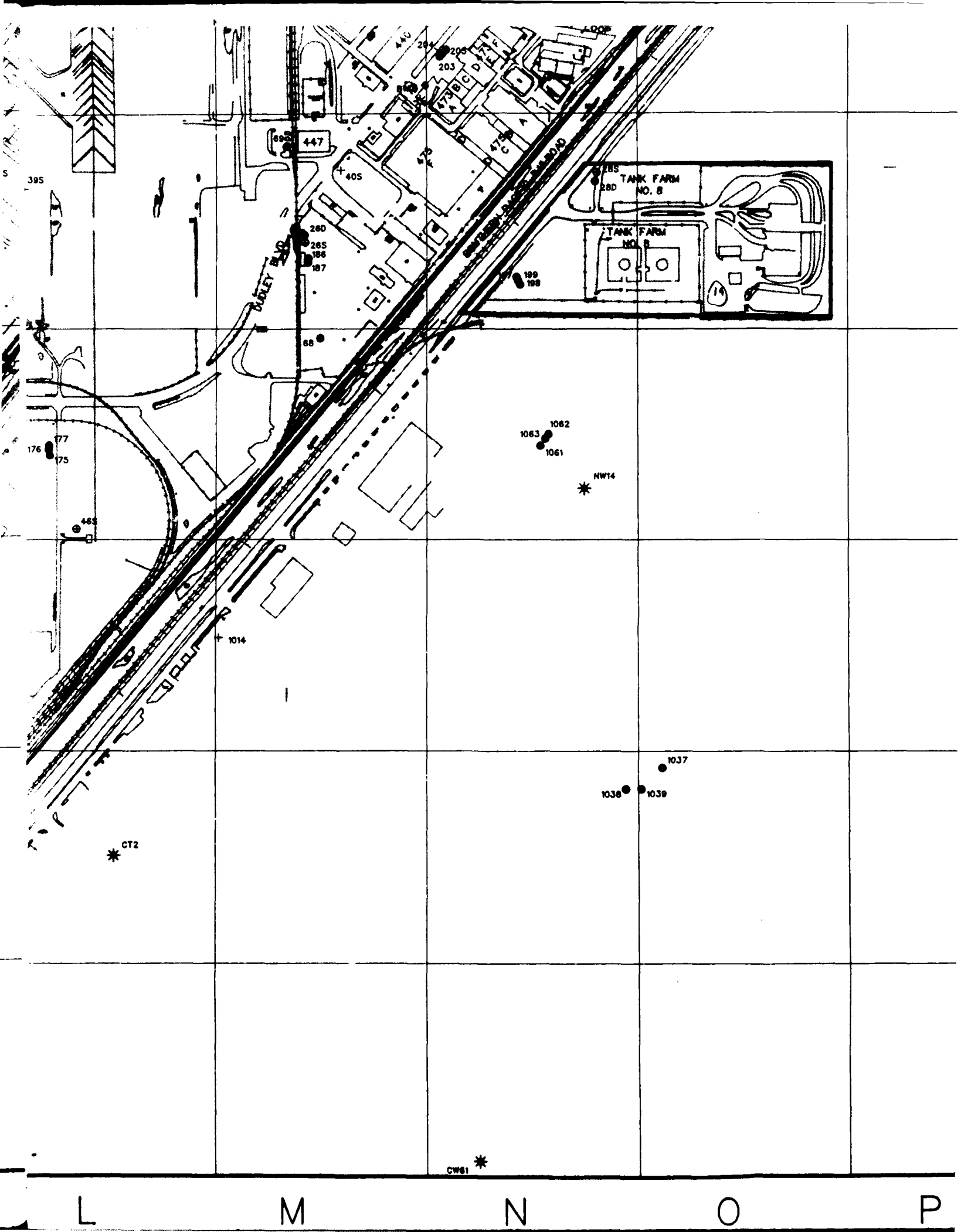
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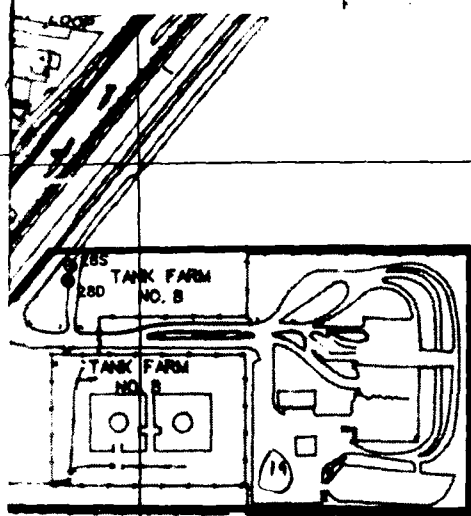
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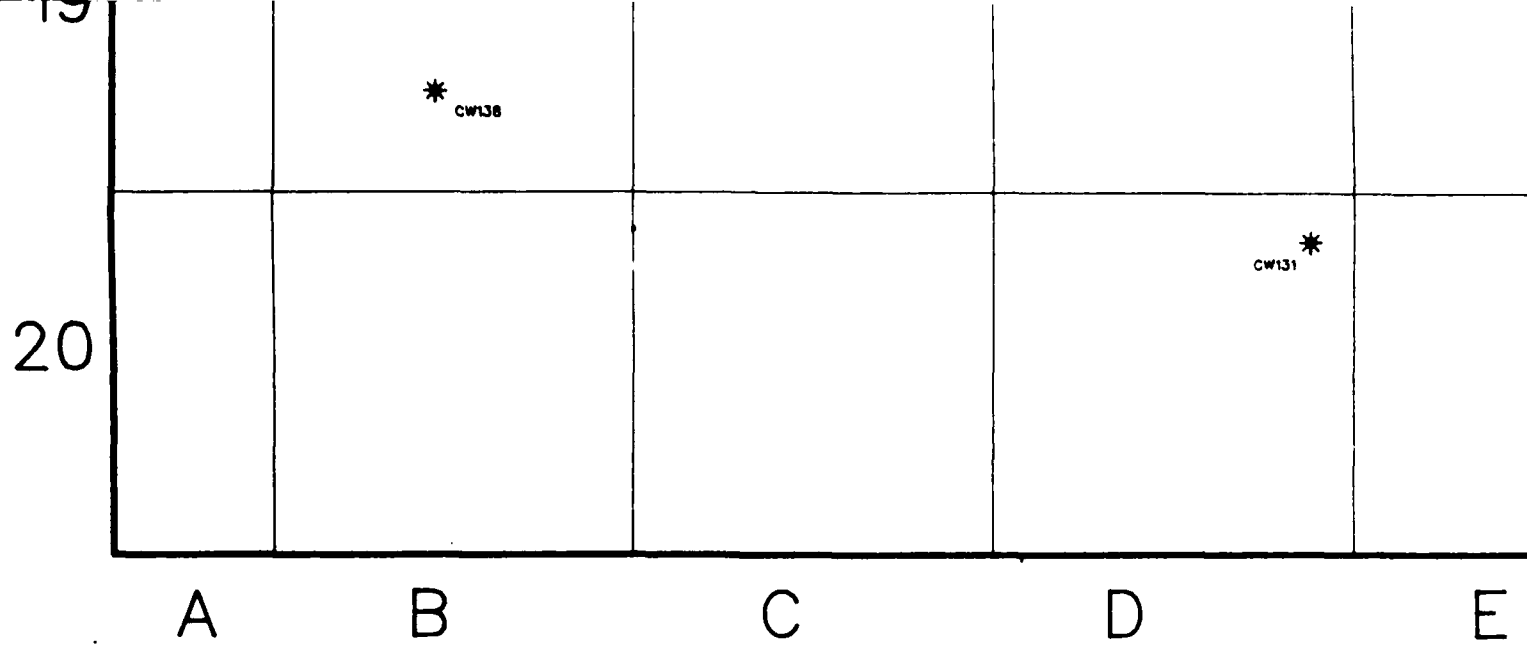
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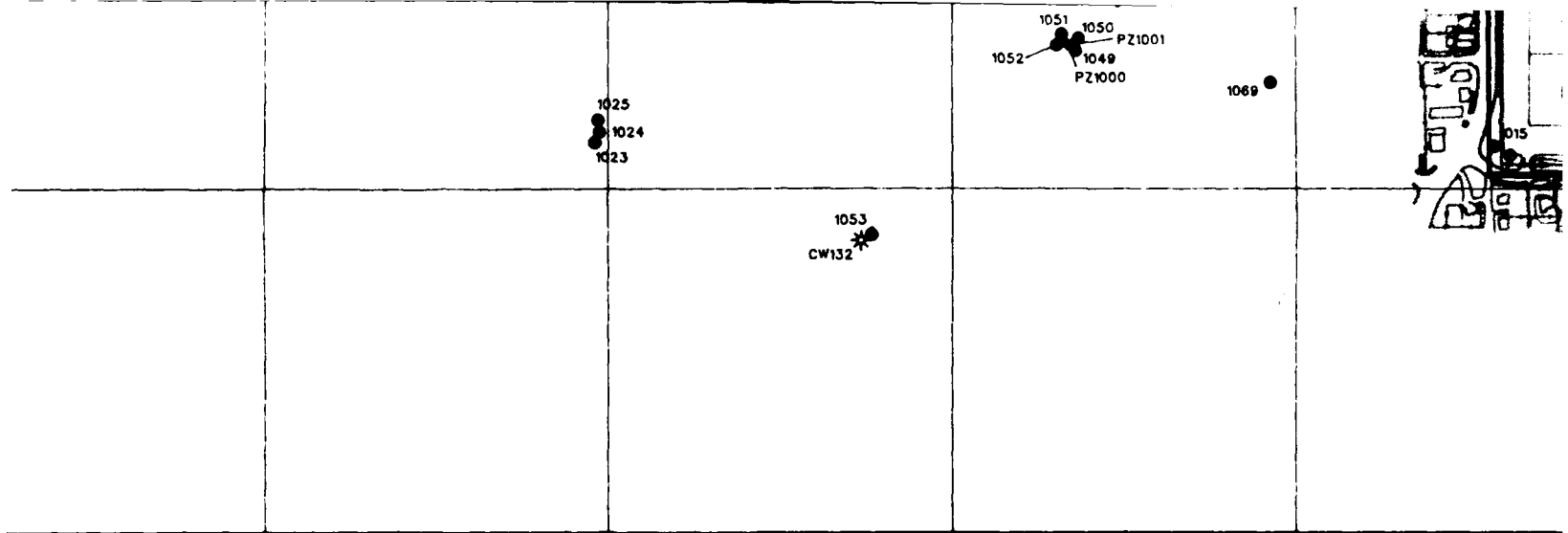
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EW-83	AB	G-8	MW-17D	AB	J-1	MW-33S	A	H-13	MW-61	A
EW-84	AB	G-8	MW-17S	A	J-1	MW-34S	A	H-12	MW-62	A
EW-85	AB	G-9	MW-18D	B	K-7	MW-35S	A	F-13	EW-63	B
EW-86	AB	G-9	MW-18S	A	K-7	MW-36S	A	H-10	MW-64	B
EW-87	AB	G-8	MW-19D	B	H-9	MW-37	A	I-10	MW-65	A
EW-137	B	H-14	MW-19S	A	H-9	MW-38D	IAB	G-8	MW-66	B
EW-140	B	H-15	MW-20D	B	H-12	MW-39S	A	L-16	MW-67	A
EW-141	C	H-15	MW-20S	A	H-12	MW-40S	A	M-16	MW-68	A
EW-144	AB	H-14	MW-21D	A	G-13	MW-41S	A	J-17	MW-69	BC
EW-233	A	J-17	MW-21S	A	G-13	MW-42S	A	I-19	MW-70	IAB
EW-234	A	J-17	MW-22D	B	H-14	MW-43S	A	G-17	MW-71	B
MW-1	ATE	G-8	MW-22S	AB	H-14	MW-44S	A	H-12	MW-72	A
MW-2	ATE	H-10	MW-23D	B	I-18	MW-45S	A	H-14	MW-74	IAB
MW-3	ATF	E-15	MW-23S	A	I-18	MW-46S	A	L-17	MW-75	A
MW-4	ATF	N-7	MW-24D	B	K-20	MW-47S	A	G-15	MW-76	IAB
MW-5	A	J-17	MW-24S	A	K-20	MW-48S	A	E-15	MW-77	A
MW-6	A	I-17	MW-25D	A	K-16	MW-49S	A	O-11	MW-78	A
MW-7	A	H-17	MW-25S	A	K-16	MW-50	A	P-8	MW-79	A
MW-8	A	O-13	MW-26D	B	M-16	MW-51	B	G-8	MW-80	A
MW-9	A	O-13	MW-26S	A	M-16	MW-52	IAB	G-8	MW-81	A
MW-10	A	G-8	MW-27D	B	N-14	MW-53	IAB	G-8	MW-82	A
MW-11	A	G-8	MW-27S	A	N-14	MW-54	IAB	G-8	MW-88	A
MW-12	A	G-8	MW-28D	A	N-16	MW-55	IAB	G-8	MW-89	A
MW-13	A	G-8	MW-28S	A	N-16	MW-56	A	G-8	MW-90	A
MW-14	A	G-9	MW-29D	B	N-9	MW-57	IAB	G-9	MW-91	A
MW-15	A	G-9	MW-29S	A	N-9	MW-58	B	G-8	MW-92	A
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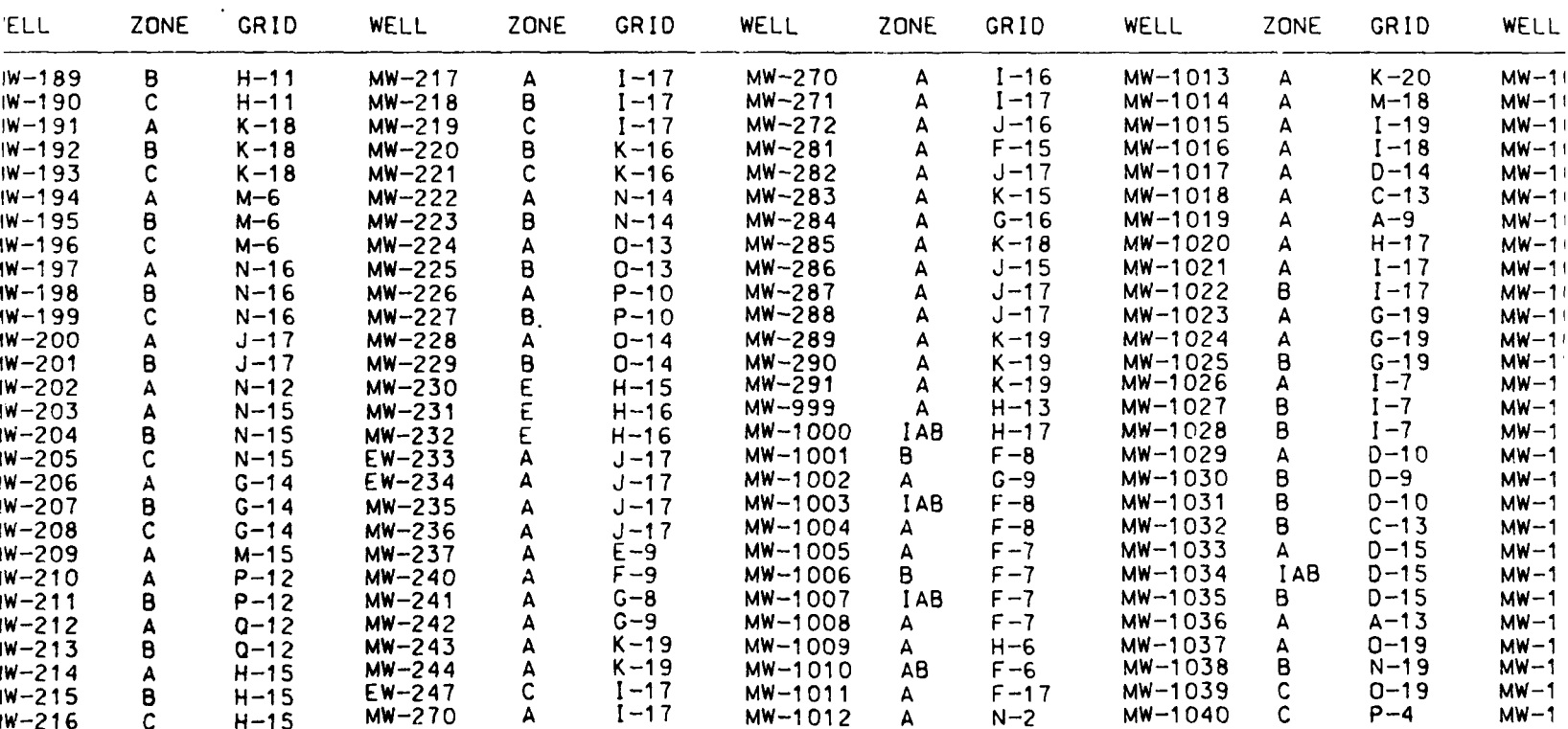
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A	I-14	MW-102	A	N-4	MW-130	B	H-13	MW-162	D	H-15	MW-190	C
A	H-12	MW-103	B	N-4	MW-131	A	H-14	MW-163	D	H-15	MW-191	A
B	I-17	MW-104	B	G-7	MW-132	C	H-17	MW-164	A	H-16	MW-192	B
B	J-17	MW-105	B	I-8	MW-133	C	H-15	MW-165	B	H-16	MW-193	C
A	J-17	MW-106	A	E-9	MW-134	B	H-15	MW-166	C	H-16	MW-194	A
B	I-17	MW-107	A	G-10	MW-135	A	H-15	MW-167	D	H-16	MW-195	B
A	N-15	MW-108	IAB	G-10	MW-136	C	H-14	MW-168	D	H-16	MW-196	C
A	M-17	MW-109	B	G-10	MW-138	C	H-14	MW-169	A	P-11	MW-197	A
BC	M-16	MW-110	A	E-12	MW-139	A	H-15	MW-170	B	P-11	MW-198	B
IAB	G-8	MW-111	A	E-13	MW-142	B	H-15	MW-171	C	P-11	MW-199	C
B	D-14	MW-112	B	E-13	MW-143	B	H-14	MW-172	A	O-14	MW-200	A
A	G-8	MW-113	IAB	E-13	MW-145	A	H-17	MW-173	B	O-14	MW-201	B
IAB	G-8	MW-114	A	F-14	MW-146	B	H-17	MW-174	C	O-14	MW-202	A
A	H-13	MW-115	A	F-14	MW-147	C	H-17	MW-175	A	L-17	MW-203	A
IAB	G-8	MW-116	A	E-15	MW-148	ICD	H-17	MW-176	B	L-17	MW-204	B
A	H-13	MW-117	A	I-15	MW-149	D	H-17	MW-177	C	L-17	MW-205	C
A	H-14	MW-118	B	I-15	MW-150	A	I-18	MW-178	A	P-13	MW-206	A
A	G-13	MW-119	C	I-15	MW-151	B	I-18	MW-179	B	P-13	MW-207	B
A	H-13	MW-120	A	I-15	MW-152	C	I-18	MW-180	C	P-13	MW-208	C
A	G-12	MW-121	IAB	I-15	MW-153	A	J-17	MW-181	C	H-15	MW-209	A
A	H-12	MW-122	C	I-15	MW-154	C	J-17	MW-182	A	G-15	MW-210	A
A	H-8	MW-123	A	J-15	MW-155	A	H-17	MW-183	B	G-15	MW-211	B
A	H-8	MW-124	IAB	J-15	MW-156	B	I-17	MW-184	C	G-15	MW-212	A
A	H-8	MW-125	C	J-15	MW-157	A	J-17	MW-185	A	N-9	MW-213	B
A	G-9	MW-126	AB	J-15	MW-158	A	J-17	MW-186	A	M-16	MW-214	A
A	G-9	MW-127	C	J-15	MW-159	A	J-16	MW-187	C	M-16	MW-215	B
BC	N-6	MW-128	A	H-13	MW-160	A	N-14	MW-188	A	H-11	MW-216	C



CT2

CW61 *

M

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P

WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID
MW-1013	A	K-20	MW-1041	A	F-6	MW-1069	A	H-19	PZ-28	B	H-13
MW-1014	A	M-18	MW-1042	AB	F-6	PZ-1	A	H-17	PZ-29	C	H-13
MW-1015	A	I-19	MW-1043	B	F-6	PZ-2	B	I-17	PZ-30	A	H-15
MW-1016	A	I-18	MW-1044	A	I-17	PZ-3	A	H-14	PZ-31	B	H-15
MW-1017	A	D-14	MW-1045	B	I-17	PZ-4	B	H-14	PZ-32	QBC	H-15
MW-1018	A	C-13	MW-1046	C	I-17	PZ-5	A	H-15	PZ-33	C	H-15
MW-1019	A	A-9	MW-1047	D	I-17	PZ-6	B	H-15	PZ-34	C	H-15
MW-1020	A	H-17	MW-1048	D	I-17	PZ-7	C	H-15	PZ-35	QCD	H-15
MW-1021	A	I-17	MW-1049	A	H-19	PZ-8	A	H-14	PZ-36	D	H-15
MW-1022	B	I-17	MW-1050	B	H-19	PZ-9	C	H-14	PZ-37	B	N-12
MW-1023	A	G-19	MW-1051	C	H-19	PZ-10	C	H-14	PZ-38	B	M-15
MW-1024	A	G-19	MW-1052	D	H-19	PZ-11	A	H-15	PZ-1000	A	H-19
MW-1025	B	G-19	MW-1053	A	G-20	PZ-12	B	H-15	PZ-1001	B	H-19
MW-1026	A	I-7	MW-1054	A	H-18	PZ-13	C	H-15			
MW-1027	B	I-7	MW-1055	B	H-18	PZ-14	A	H-15			
MW-1028	B	I-7	MW-1056	C	H-18	PZ-15	A	H-14			
MW-1029	A	D-10	MW-1057	D	H-18	PZ-16	B	H-14			
MW-1030	B	D-9	MW-1058	A	P-15	PZ-17	C	H-14			
MW-1031	B	D-10	MW-1059	B	P-15	PZ-18	A	J-15			
MW-1032	B	C-13	MW-1060	C	P-15	PZ-19	QAB	J-15			
MW-1033	A	D-15	MW-1061	A	N-17	PZ-20	B	J-15			
MW-1034	IAB	D-15	MW-1062	B	N-17	PZ-21	QBC	J-15			
MW-1035	B	D-15	MW-1063	C	N-17	PZ-22	B	H-14			
MW-1036	A	A-13	MW-1064	A	F-6	PZ-23	C	H-14			
MW-1037	A	O-19	MW-1065	B	Q-13	PZ-24	A	H-14			
MW-1038	B	N-19	MW-1066	B	Q-13	PZ-25	A	H-14			
MW-1039	C	O-19	MW-1067	A	Q-14	PZ-26	B	H-14			
MW-1040	C	P-4	MW-1068	B	Q-14	PZ-27	C	H-14			

19

20

O

P

Q

WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	GRID	WELL	GRID
MW-1069	A	H-19	PZ-28	B	H-13	EW 248.	H13	PZ 40	H13
PZ-1	A	H-17	PZ-29	C	H-13	EW 249	H13	PZ 41	H13
PZ-2	B	I-17	PZ-30	A	H-15	EW 250	H13	PZ 42	H13
PZ-3	A	H-14	PZ-31	B	H-15	EW 251	H13	PZ 43	H13
PZ-4	B	H-14	PZ-32	QBC	H-15	EW 252	H13	PZ 50	H13
PZ-5	A	H-15	PZ-33	C	H-15	EW 253	H13	PZ 51	H13
PZ-6	B	H-15	PZ-34	C	H-15	EW 259	J16	PZ 52	H13
PZ-7	C	H-15	PZ-35	QCD	H-15	EW 261	J17	PZ 53	H13
PZ-8	A	H-14	PZ-36	D	H-15	EW 262	I16	PZ 54	H13
PZ-9	C	H-14	PZ-37	B	N-12	EW 263	I16	PZ 55	H13
PZ-10	C	H-14	PZ-38	B	M-15	EW 264	I16	PZ 72	J16
PZ-11	A	H-15	PZ-1000	A	H-19	EW 266	J17	PZ 73	J16
PZ-12	B	H-15	PZ-1001	B	H-19	EW 267	J17	PZ 74	J17
PZ-13	C	H-15				EW 268	J16	PZ 75	J17
PZ-14	A	H-15				EW 269	J17	PZ 77	J17
PZ-15	A	H-14				EW 273	J16	PZ 78	J17
PZ-16	B	H-14				EW 275	I16	PZ 79	J17
PZ-17	C	H-14				EW 276	I16	PZ 81	I16
PZ-18	A	J-15				EW 277	I16	PZ 82	I16
PZ-19	QAB	J-15				EW 278	I16	PZ 83	I16
PZ-20	B	J-15				EW 279	J16	PZ 84	I16
PZ-21	QBC	J-15						PZ 85	I16
PZ-22	B	H-14						PZ 86	I16
PZ-23	C	H-14						PZ 90	J17
PZ-24	A	H-14						PZ 91	J16
PZ-25	A	H-14							
PZ-26	B	H-14							
PZ-27	C	H-14							

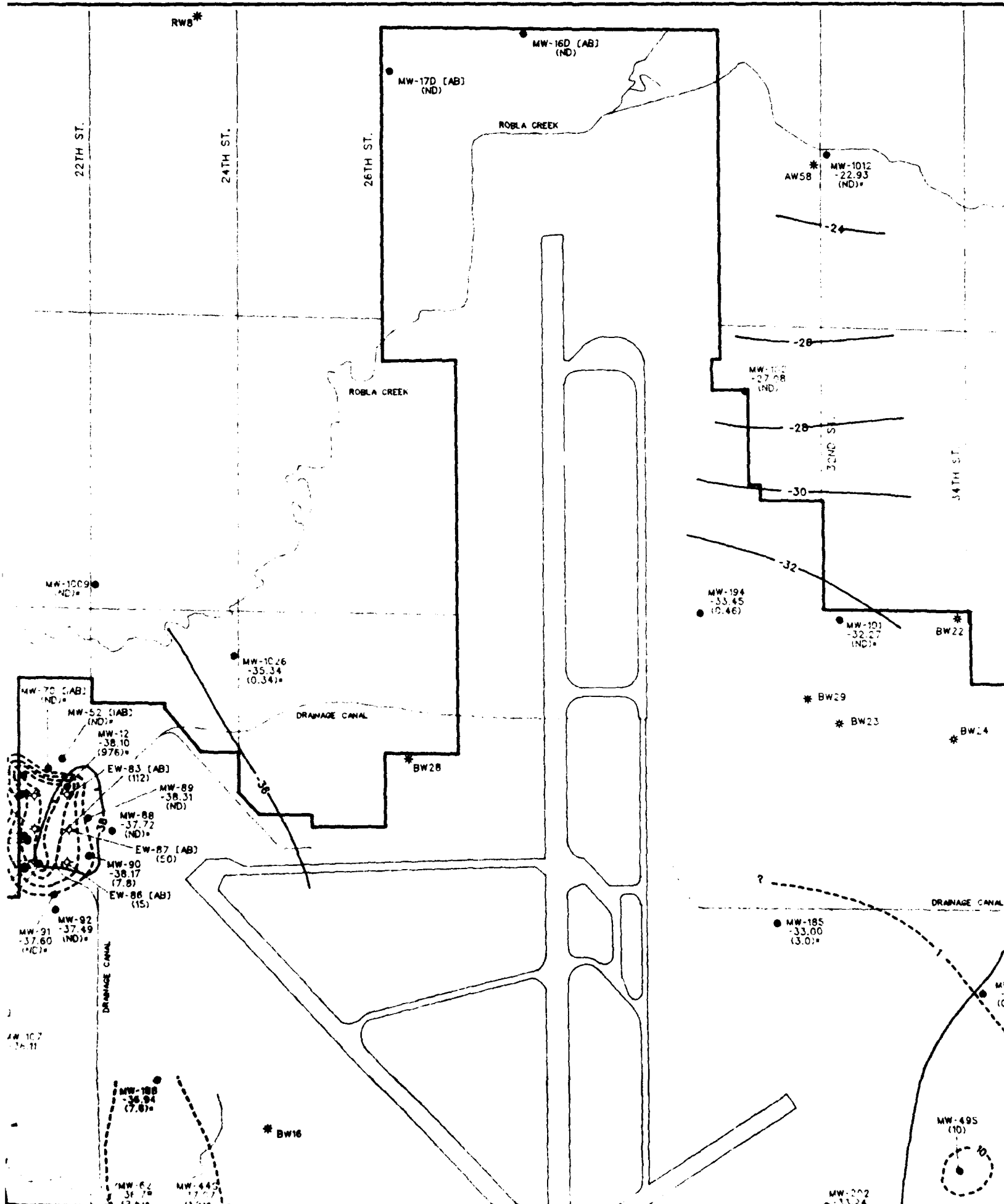
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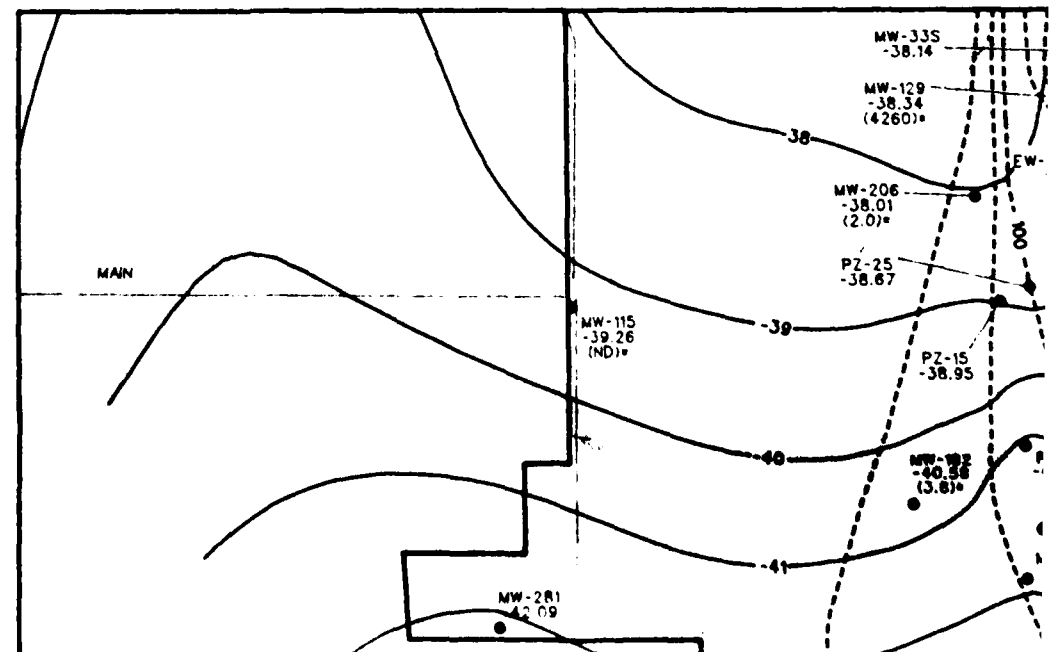
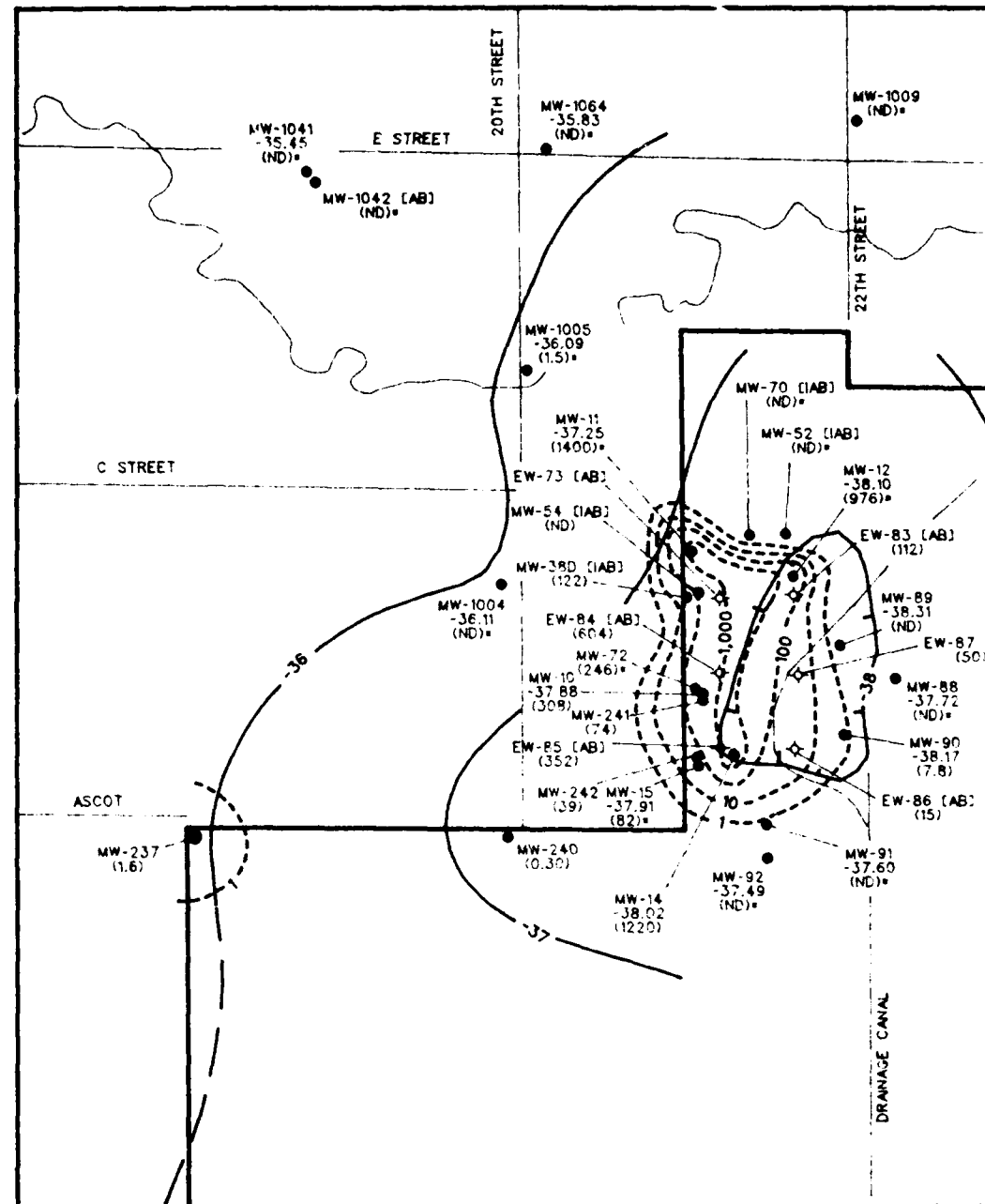
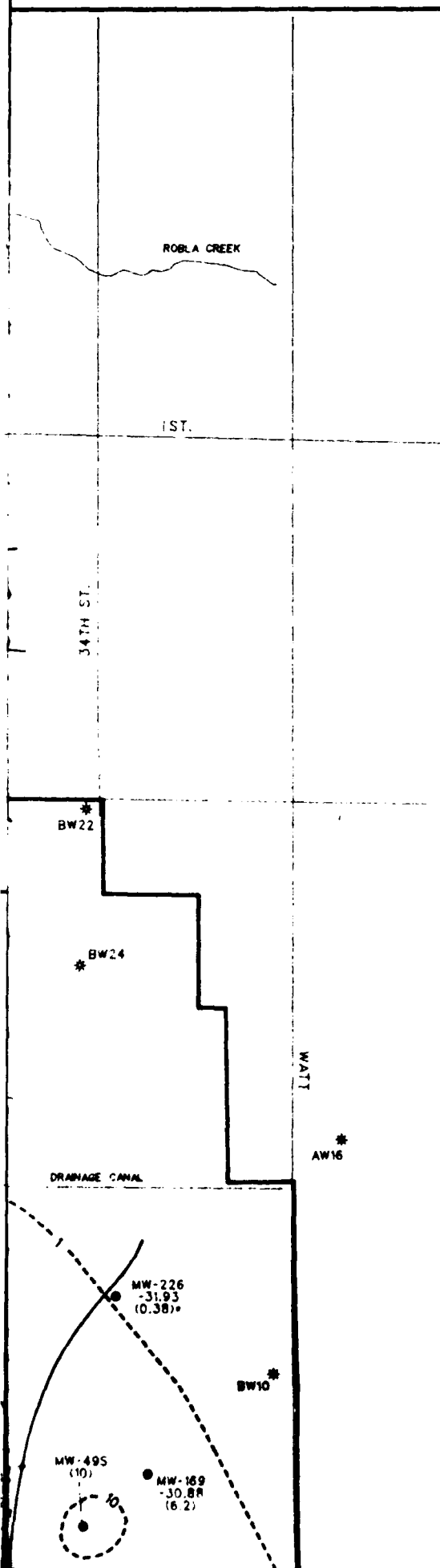
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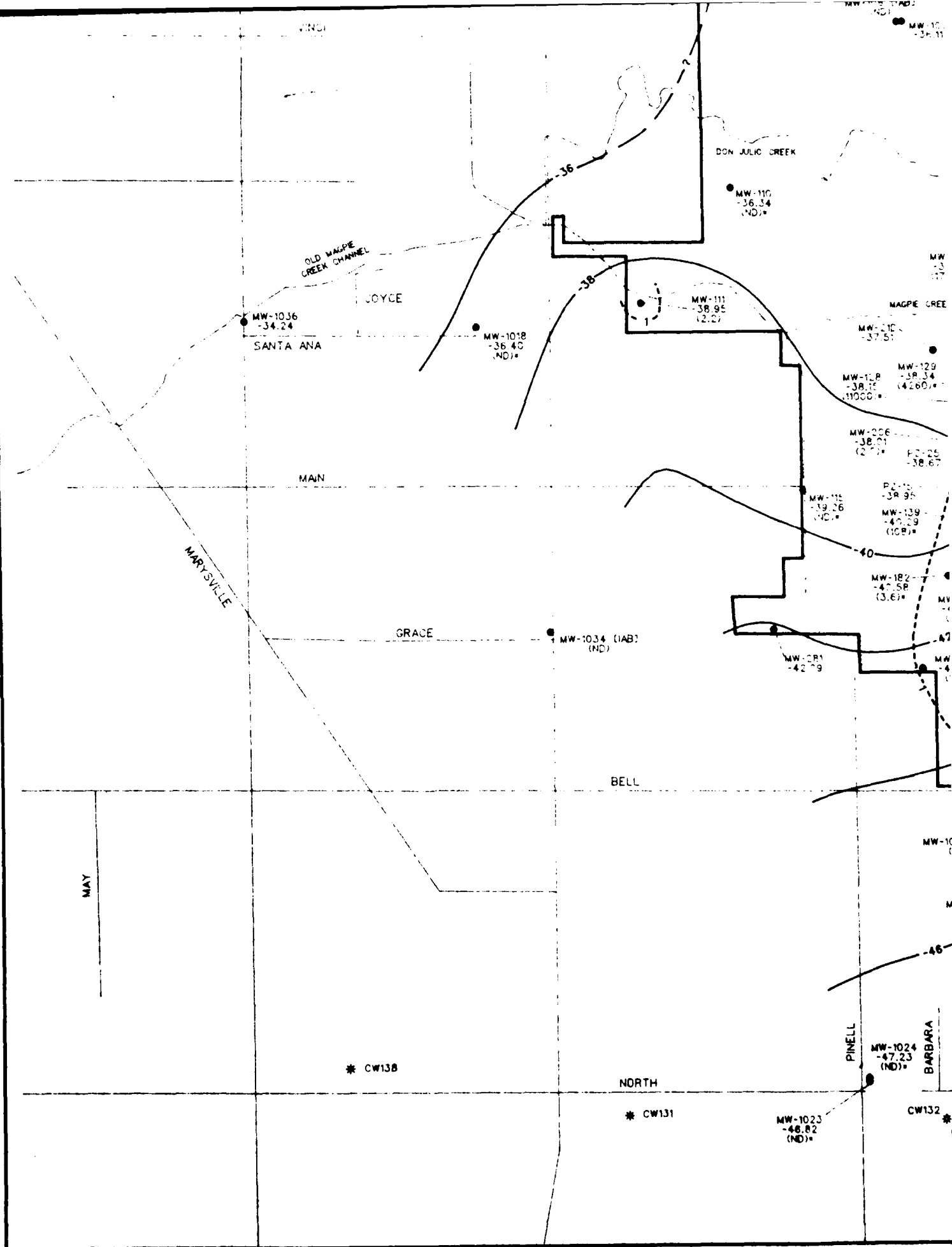
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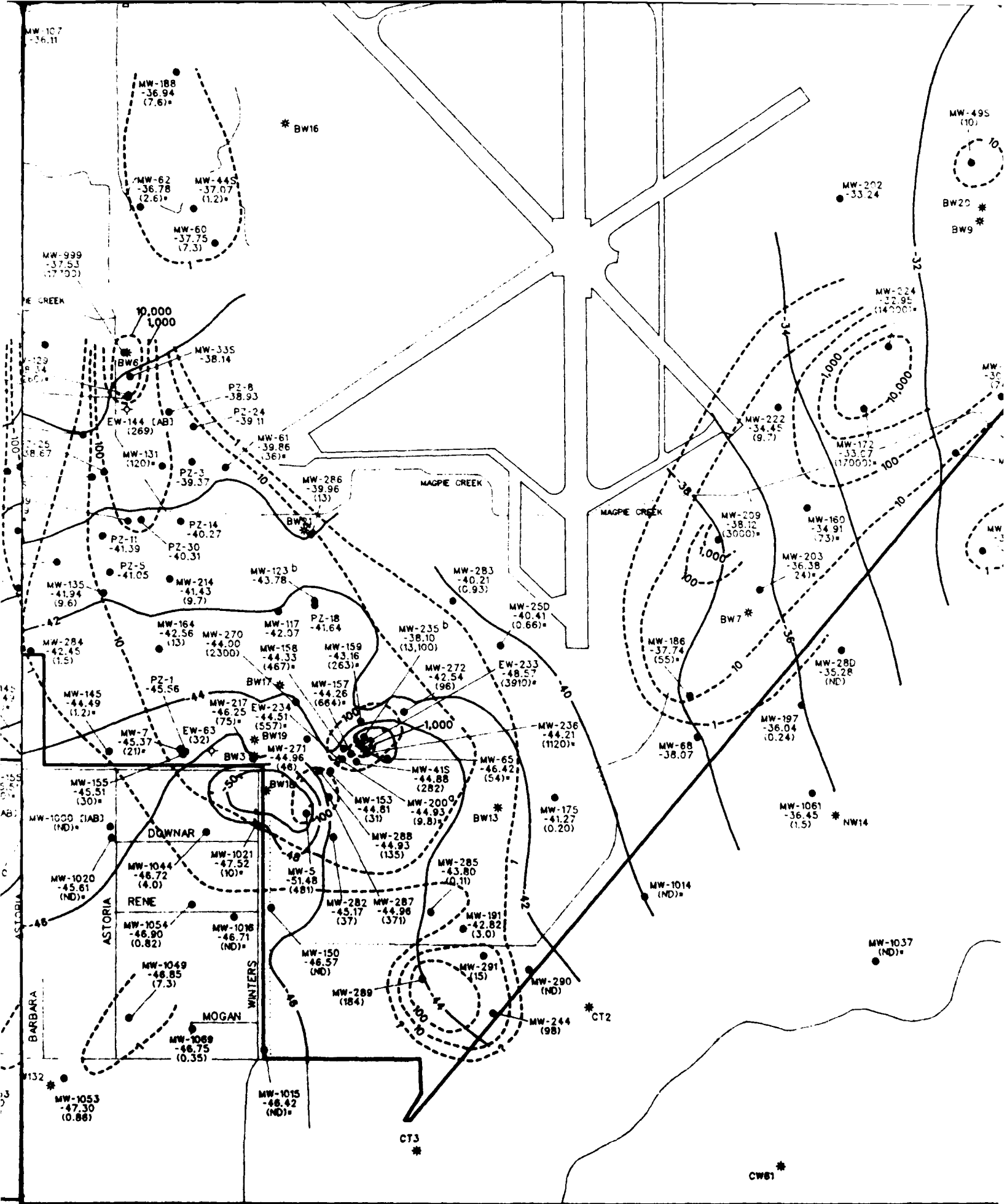
- Streets:** 1ST., 16TH ST., 20TH ST., G ST., E ST., C ST., ASCOT, VINCI.
- Creeks:** ELKHORN, ROB LA CREEK, DRY CREEK, MAPLE CREEK, DON JULIO CREEK.
- Monitoring Wells:**
 - MW-1041: -35.45 (ND)*
 - MW-1042 (AB): (ND)*
 - MW-1064: -35.83 (ND)*
 - MW-1005: -36.79 (1.5)*
 - MW-11: -37.25 (1400)*
 - MW-54 (AB): (ND)
 - MW-38 (AB): (122)
 - MW-1004: -36.11 (ND)*
 - MW-1003 (AB): (ND)
 - MW-72 (AB): -246*
 - MW-10: -37.88 (308)
 - MW-241: (74)
 - EW-85 (AB): -352
 - MW-242: (39)
 - MW-237: (1.6)
 - MW-240: 0.30*
 - MW-15: -37.91 (82)*
 - MW-14: -38.02 (1220)
 - MW-108 (AB): (ND)
 - MW-107: -36.11
 - MW-1029: -35.28 (3.8)*
 - MW-1019: -35.21 (0.50)
 - CW154
- Other Labels:** RW4, RW11, ASCOT, VINCI, DON JULIO CREEK.

(2)

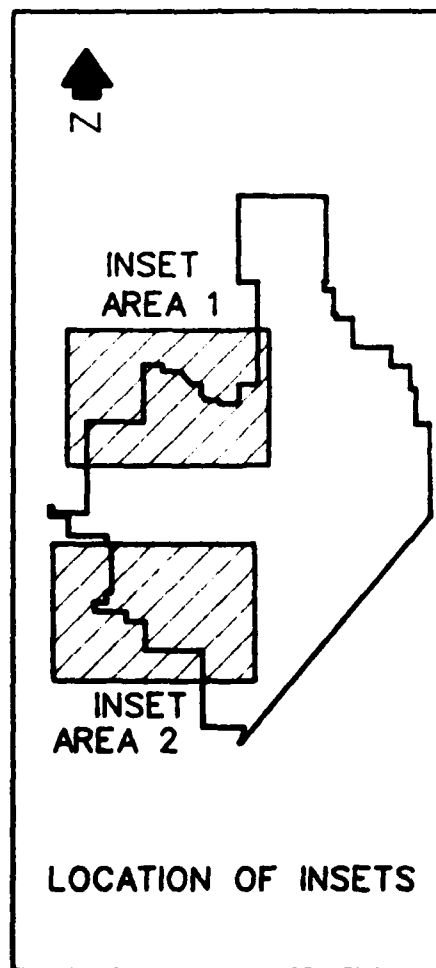
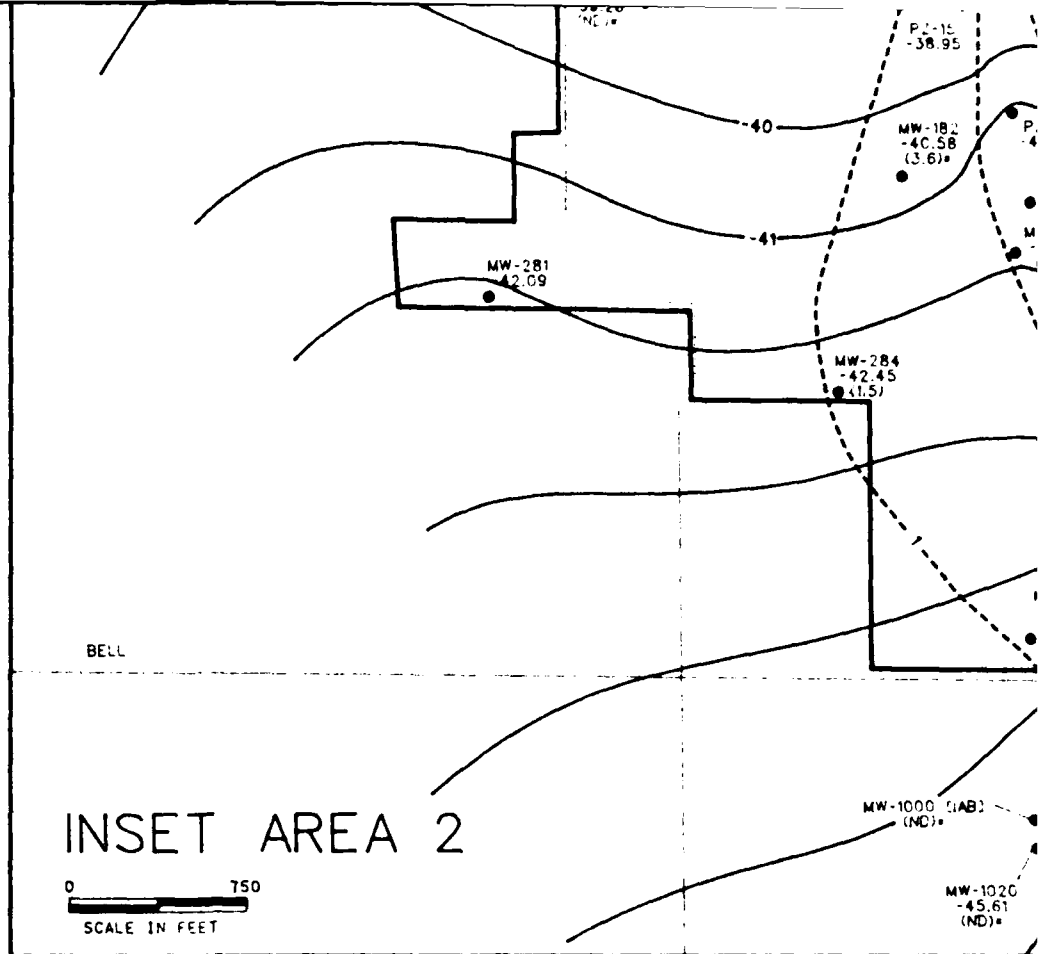
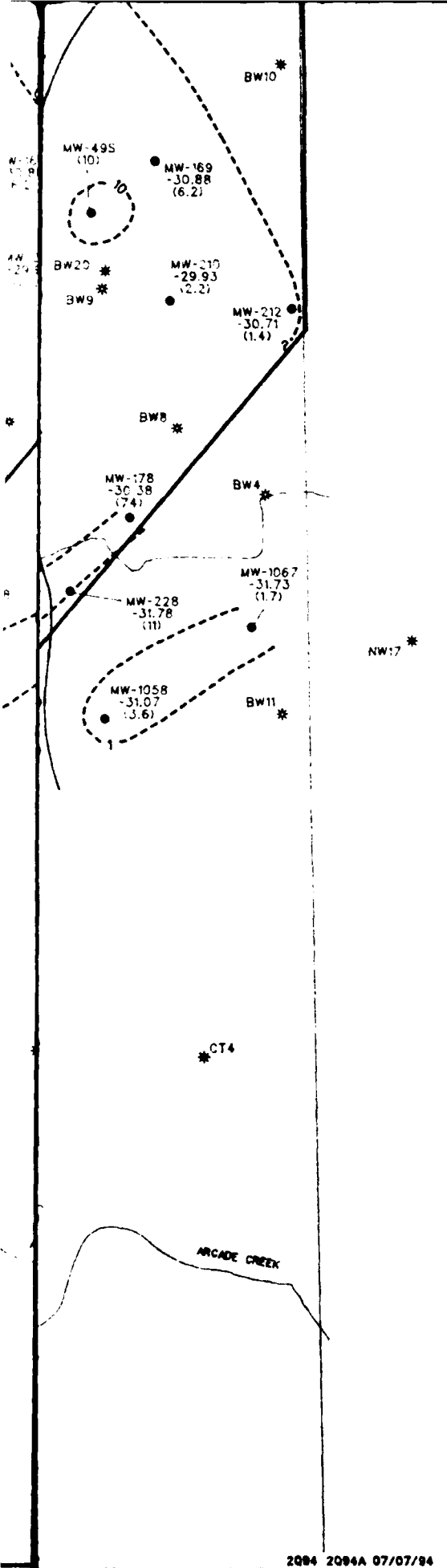








(b)



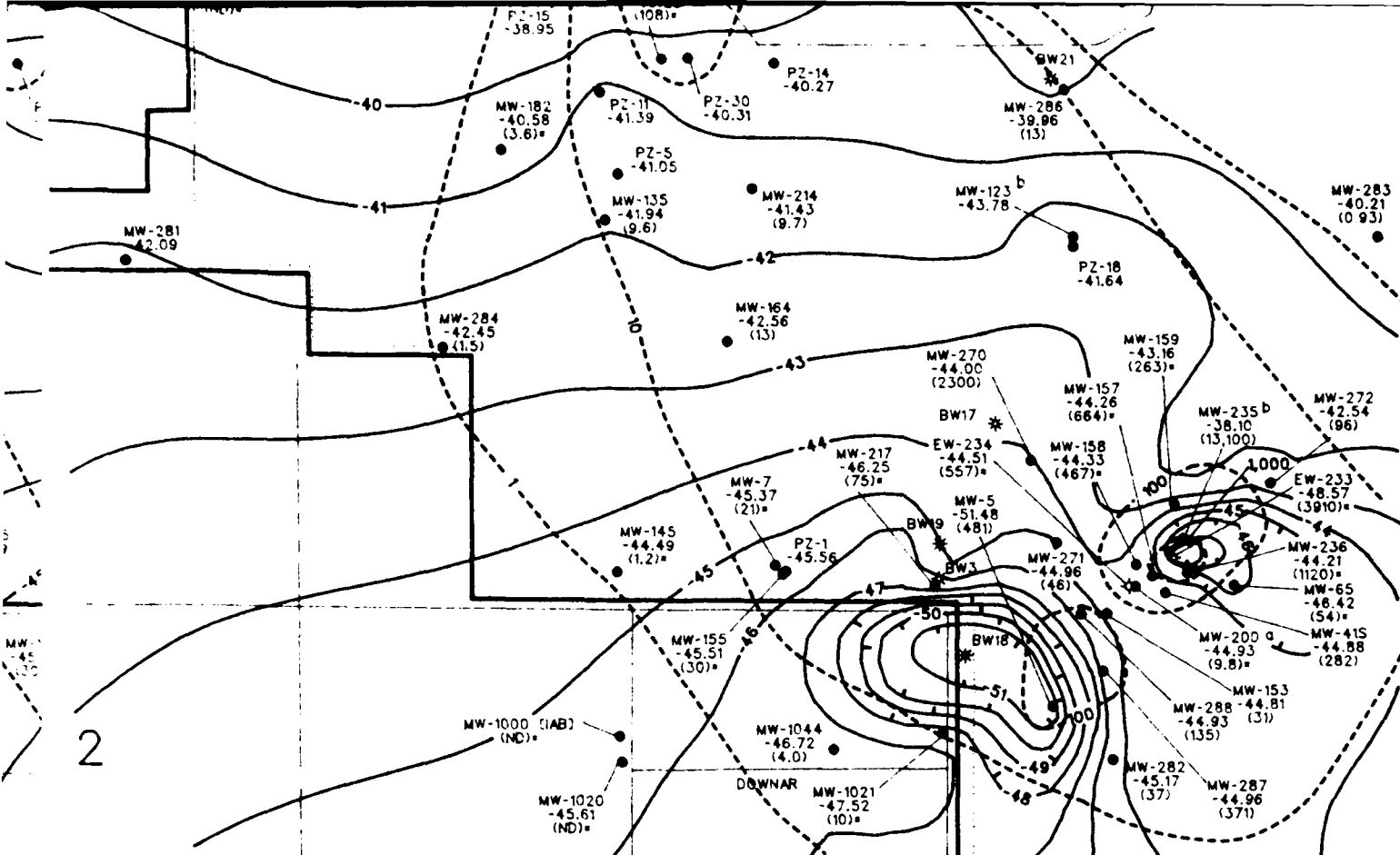
LEGEND:

- MCCLELLAN AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◇ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
- * WATER SUPPLY WELLS (ACTIVE)
- 42— WATER LEVEL CONTOURS IN FEET MSL. HACHURES INDICATE DOWNGRAIDENT DIRECTION
- (5.8) TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 2Q94.
- (1.2)* TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 2Q94, BUT USED TO DRAW TCE ISOPLETH.
- (ND) TCE NOT DETECTED.
- (AB) WELL SCREENED IN BOTH ZONES DESIGNATED A AND B ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
- (IAB) INTERMEDIATE WELL SCREENED BETWEEN TCE ZONES A AND B. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
- ESTIMATED ISOPLETH OF TCE CONCENTRATION USING DATA FROM JULY, 1991 THROUGH JUNE, 1994. ISOPLETH INTERVAL: 10 ug/L.
- o TCE VALUE NOT USED TO DRAW TCE ISOPLETH. MW-200'S SCREEN IS 10.5 FEET BELOW SURFACE IN WELLS NEARBY. TCE VALUE NOT COMPLETED.
- b WATER LEVEL NOT USED TO DRAW CONTOUR.

NOTE:

WATER LEVEL CONTOURS GENERATED BY GPS-3[®] AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS WERE NOT MEASURED. SOME WATER LEVEL CONTOURS AROUND WELLS WERE REMOVED FOR CLARITY. TCE VALUES WERE ROUNDED UP IN READING MAPS.

0 1
SCALE IN FEET



LEGEND:

- McCLELLAN AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◇ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
- * WATER SUPPLY WELLS (ACTIVE)
- 42— WATER LEVEL CONTOURS IN FEET MSL. HACHURES INDICATE DOWNGRADIENT DIRECTION.
- (5.8) TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 2Q94.
- (1.2)* TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 2Q94, BUT USED TO DRAW TCE ISOPLETH.
- (ND) TCE NOT DETECTED.
- (AB) WELL SCREENED IN BOTH ZONES DESIGNATED
- (IAB) INTERMEDIATE WELL SCREENED BETWEEN THE B AND A ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
- ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1991 THROUGH JUNE, 1994. ISOPLETH INTERVAL: 10 ug/L.
- a TCE VALUE NOT USED TO DRAW TCE ISOPLETH. MW-200'S SCREEN IS 10.5 FEET BELOW SCREENS IN WELLS NEARBY. TCE VALUE NOT COMPARABLE.
- b WATER LEVEL NOT USED TO DRAW CONTOUR

NOTE:

WATER LEVEL CONTOURS GENERATED BY GPS-3[®] AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS ARE NOT MEASURED. SOME WATER LEVEL CONTOURS AROUND EW-233 WERE REMOVED FOR CLARITY. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.

0 1000
SCALE IN FEET

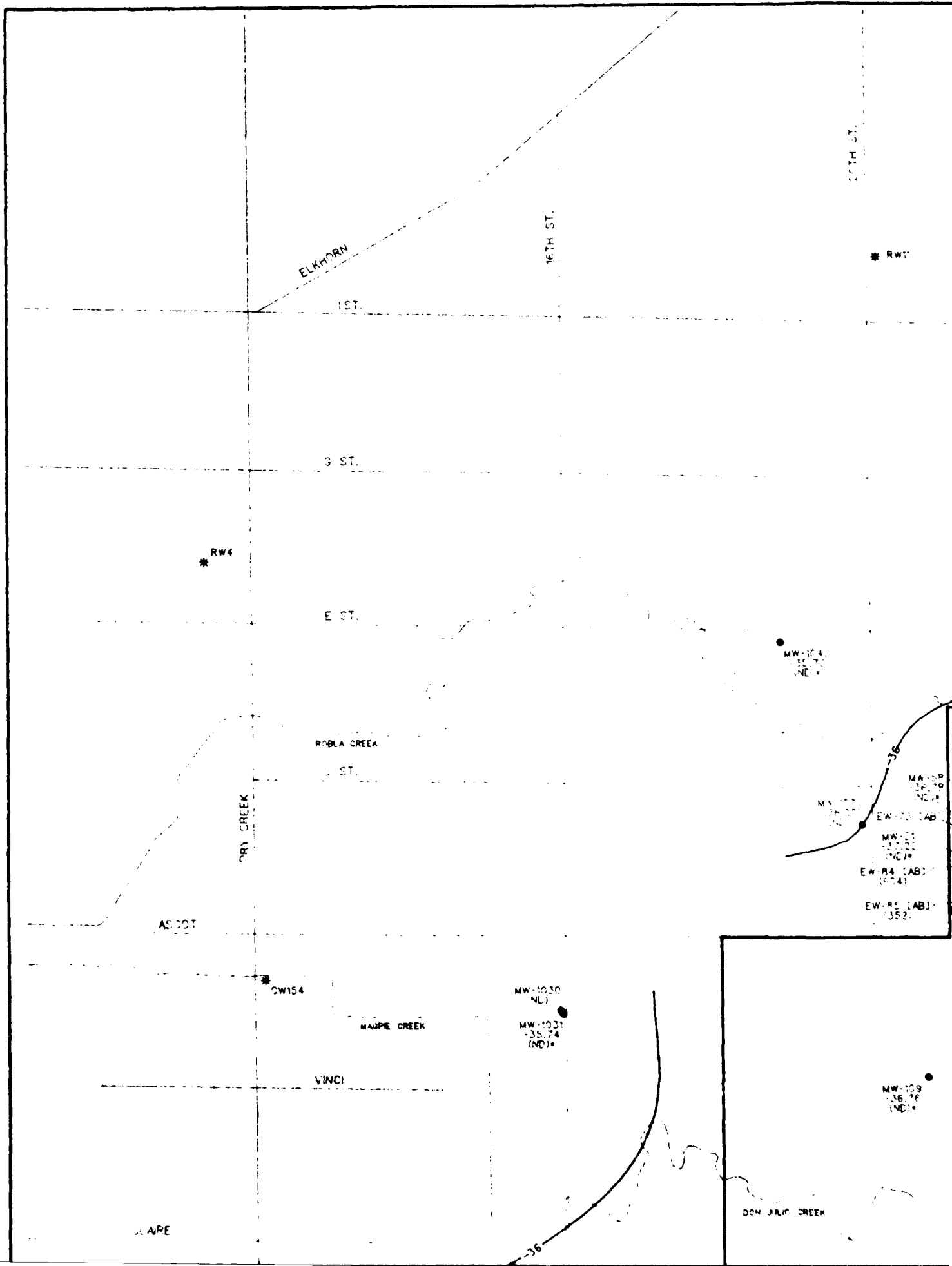
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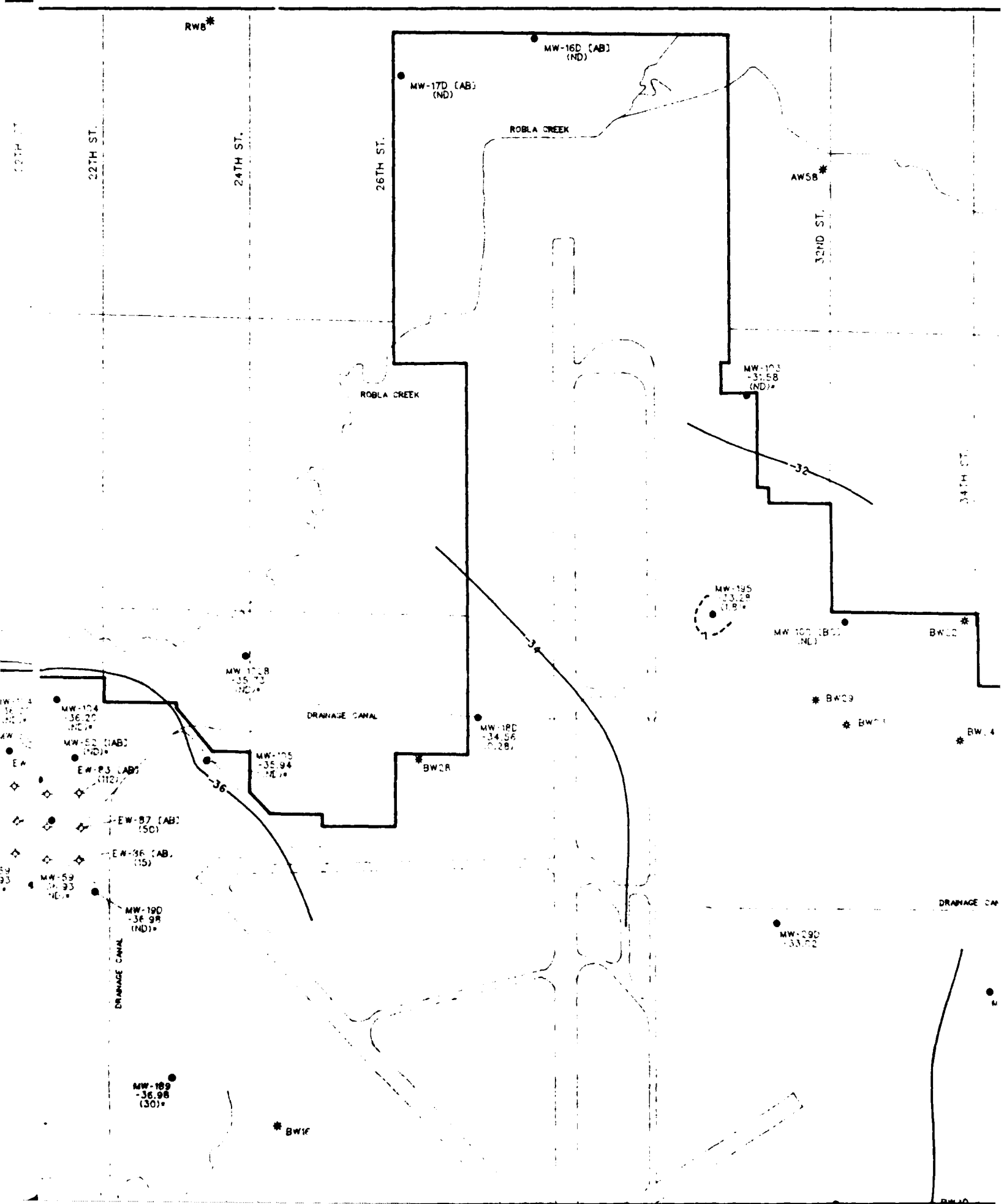
**WATER LEVEL CONTOURS AND
ESTIMATED TRICHLOROETHENE
CONCENTRATION ISOPLETHS FOR
A-ZONE MONITORING
AND EXTRACTION WELLS**
Water Level Data Collected
March 28-31, 1994
TCE Data Collected Second Quarter 1994
McCLELLAN AFB
Groundwater Sampling
& Analysis Program
April-June 1994

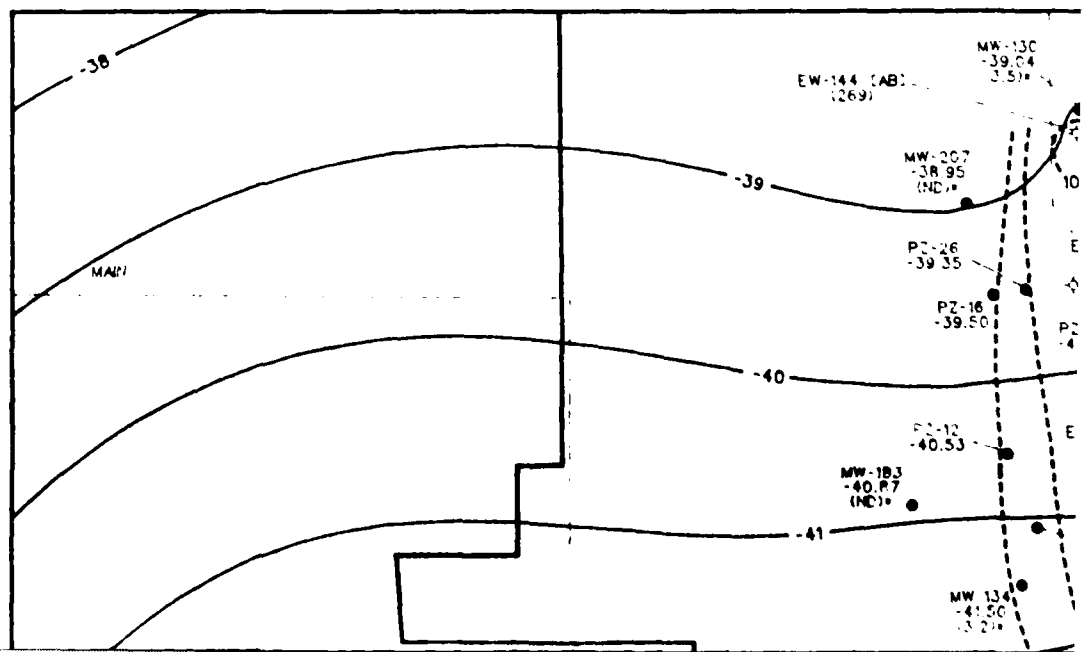
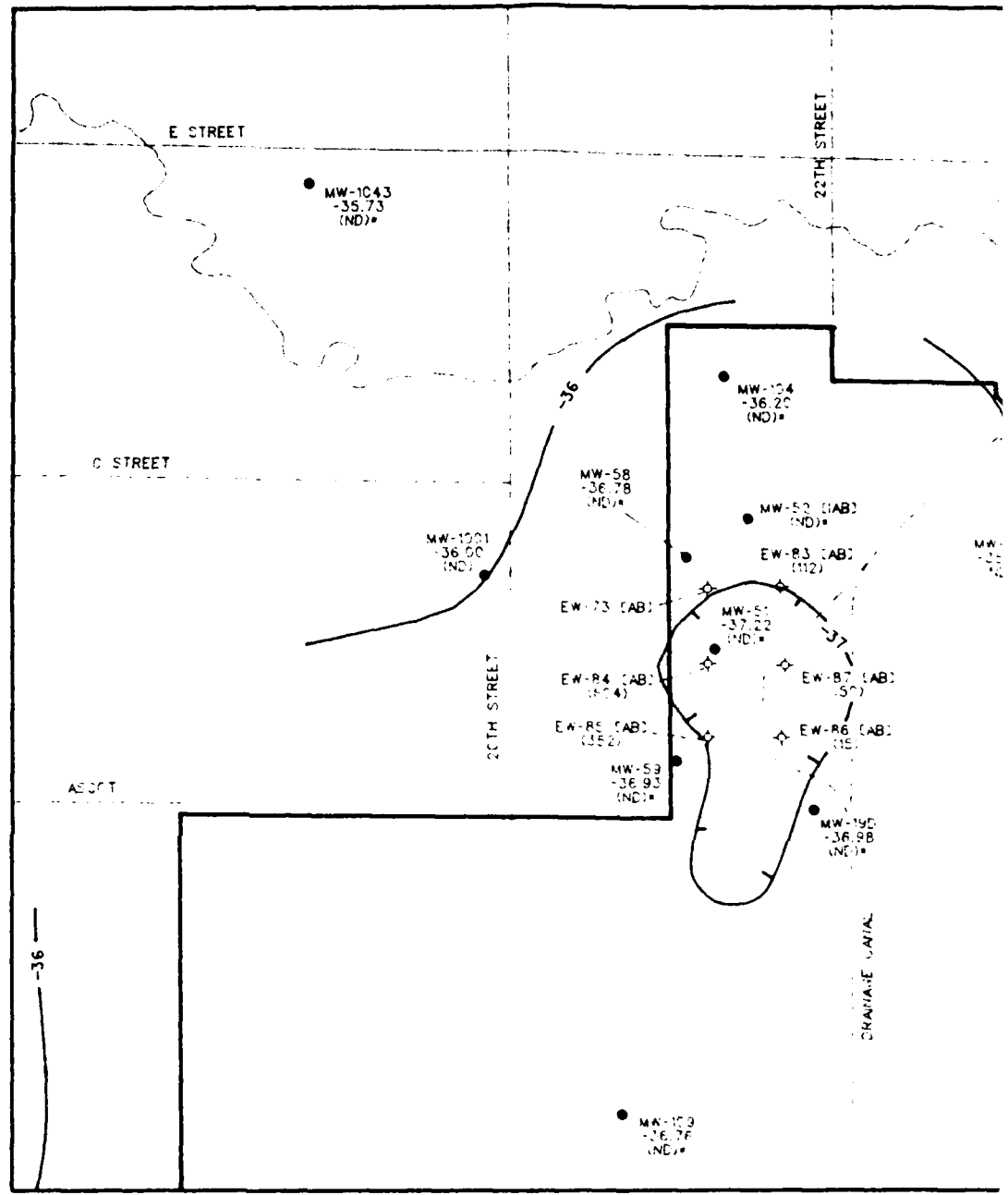
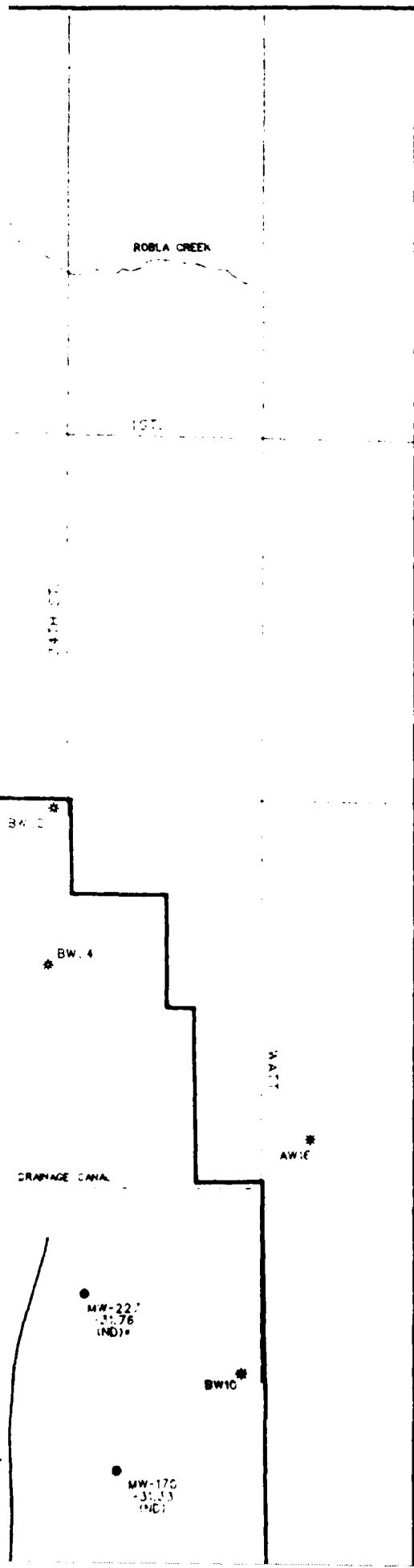
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GENERATED BY: <i>Vincent K. [illegible]</i>	DATE: 8/1/94
PEER REVIEW: <i>Thomas F. [illegible]</i>	DATE: 8/9/94
PROJECT REVIEW: <i>W. B. [illegible]</i>	DATE: 8/19/94

**RADIAN
CORPORATION**

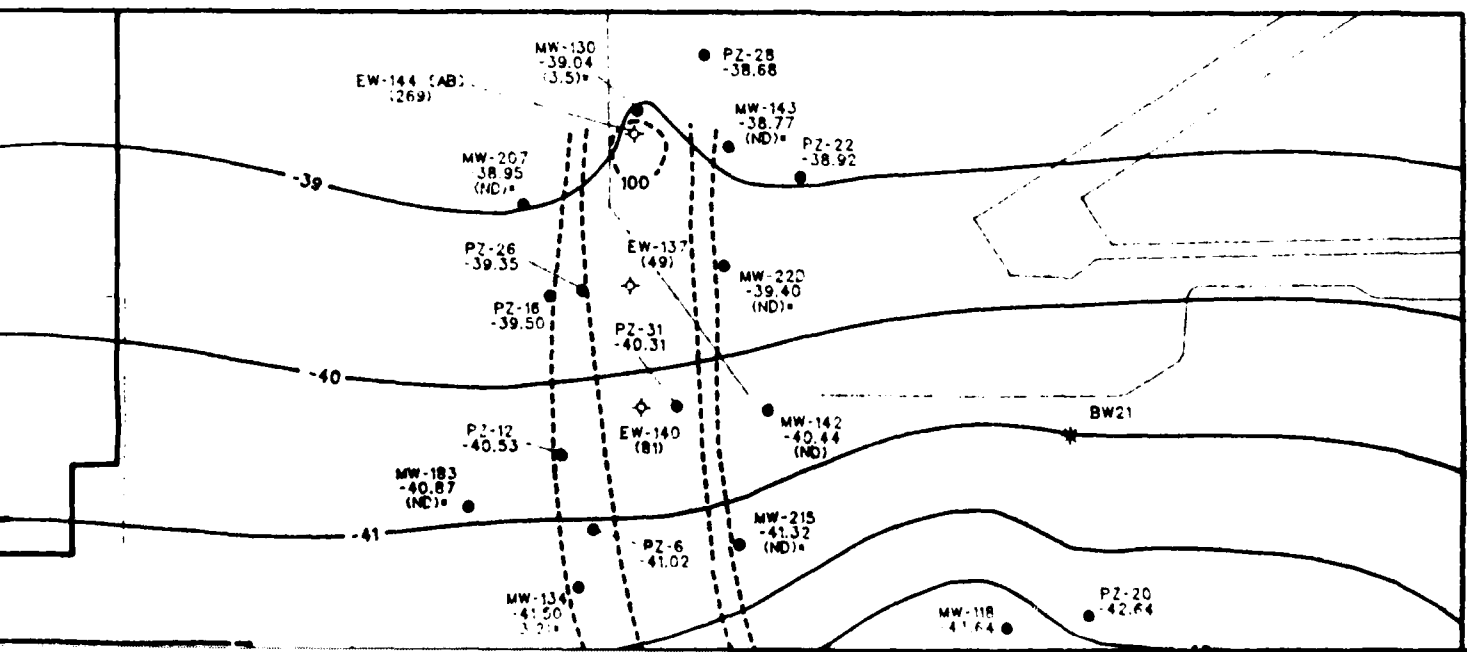
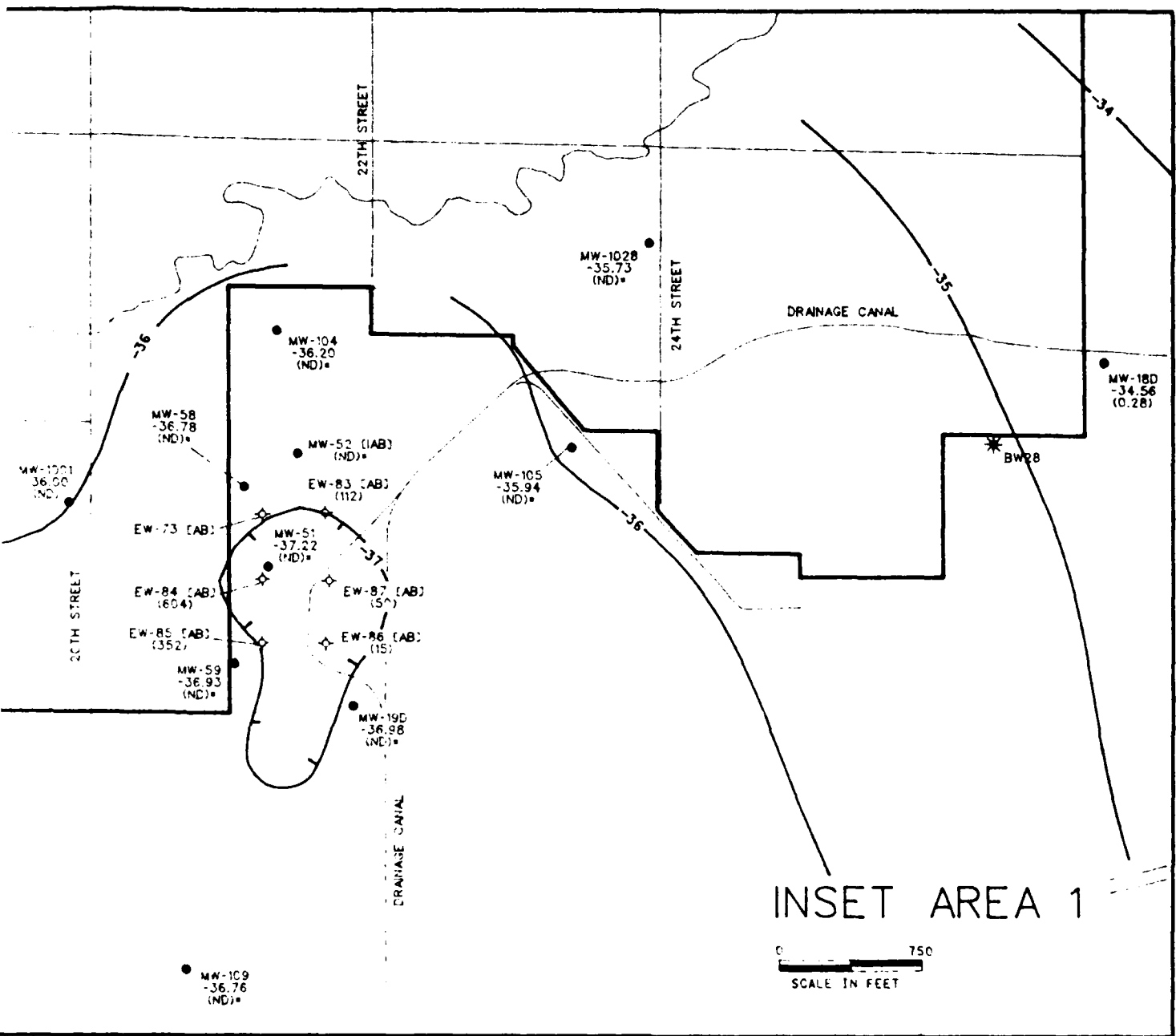
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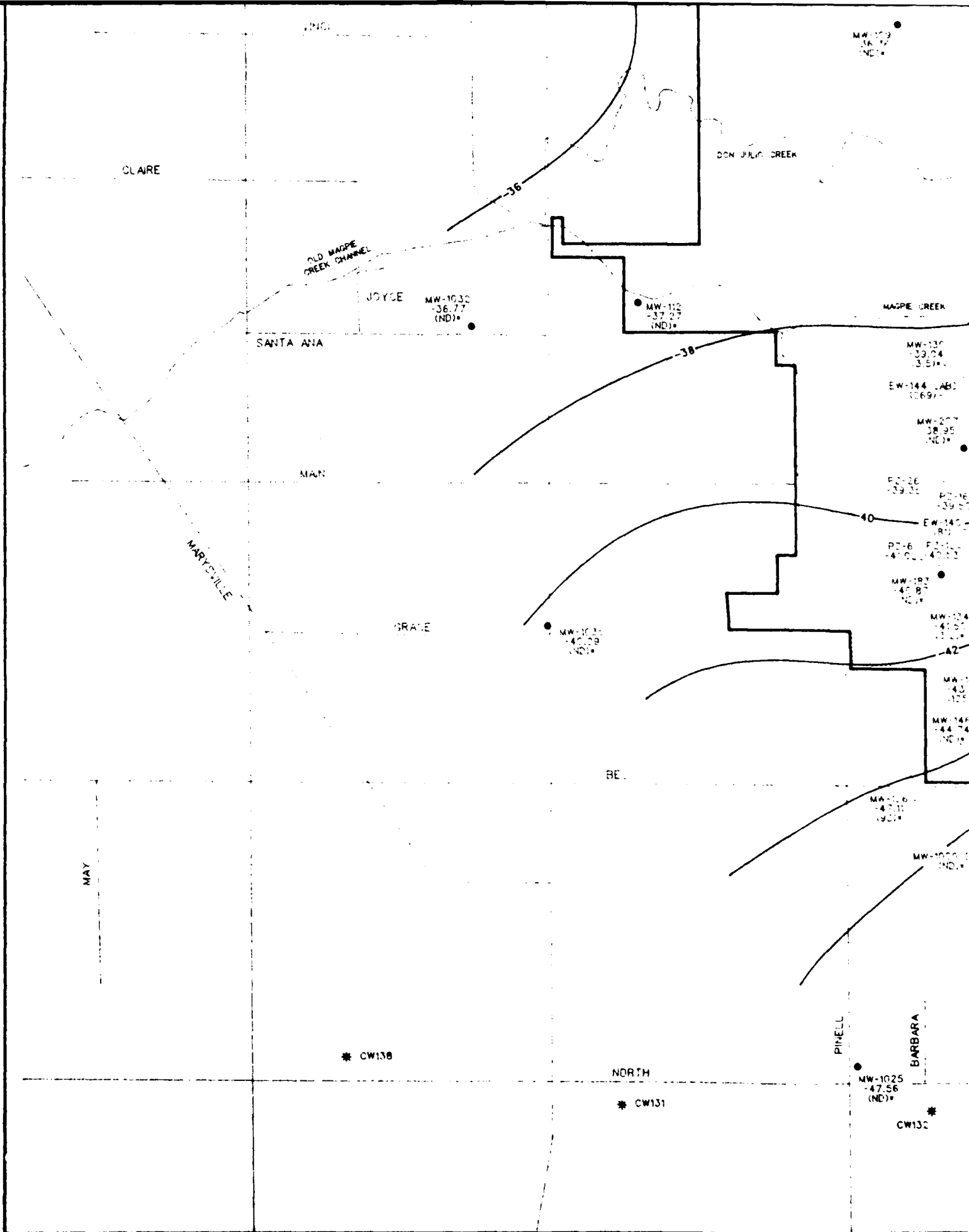


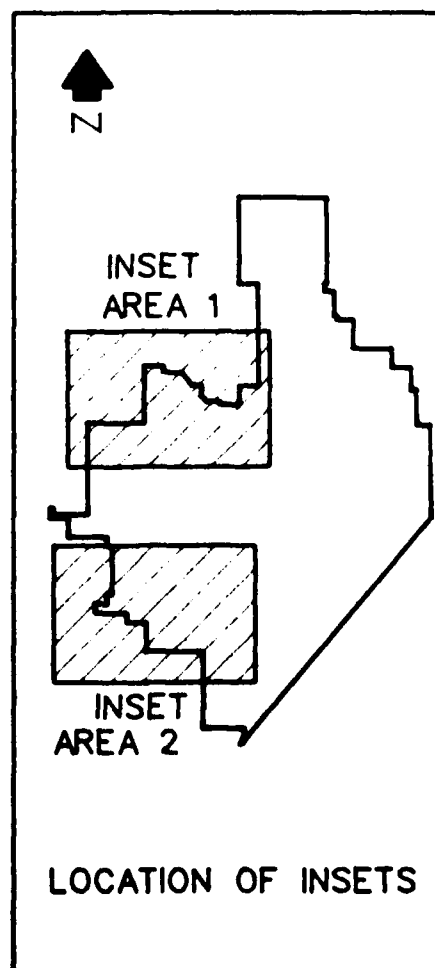
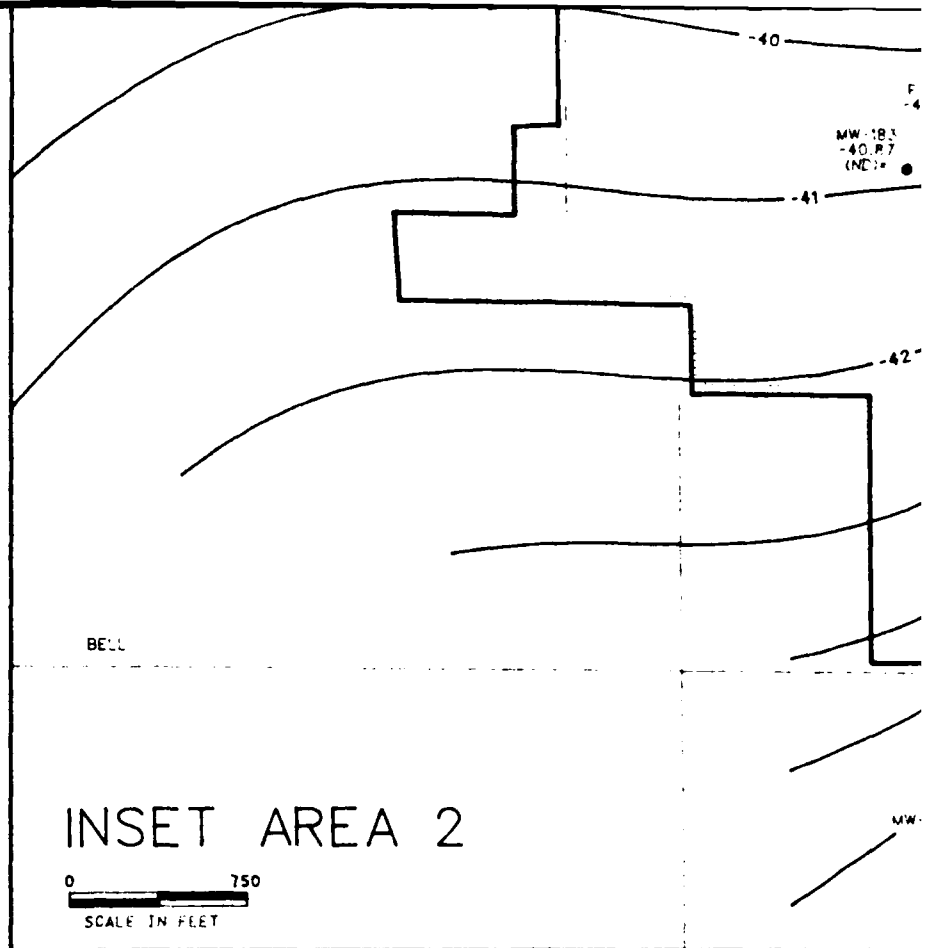
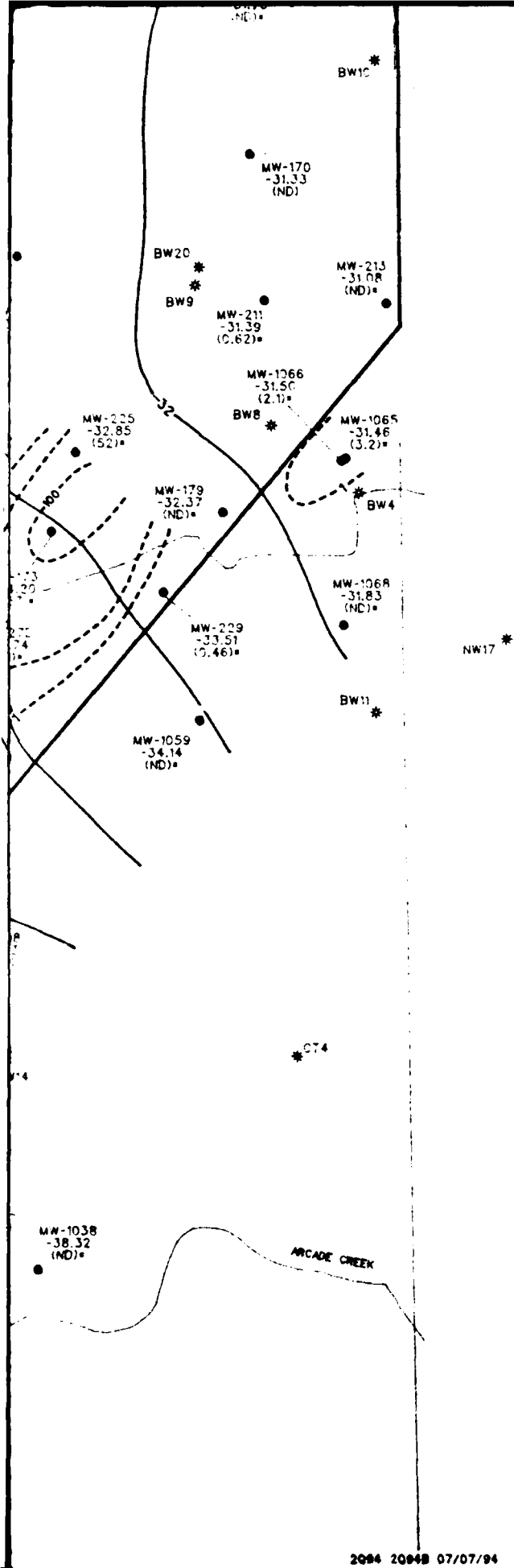




(4)







LEGEND:

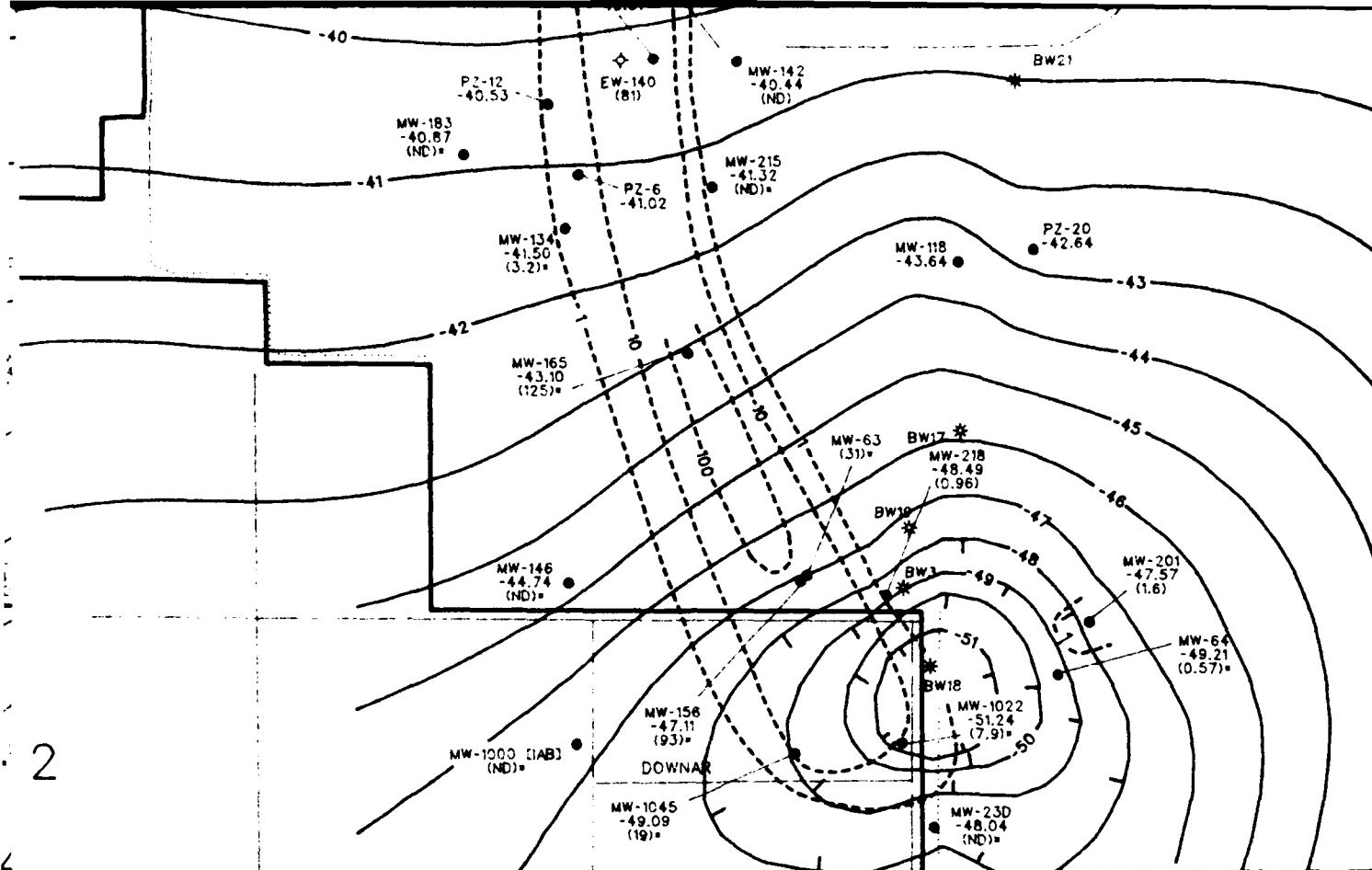
- McLELLAN AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◇ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
- * WATER SUPPLY WELLS (ACTIVE)
- 40— WATER LEVEL CONTOURS IN FEET MSL. HACHURES INDICATE DOWNGRADIENT DIRECTION.
- (5.8) TCE CONCENTRATIONS IN ug/L. DURING 2Q94.
- (1.2) TCE CONCENTRATIONS IN ug/L. PRIOR TO 2Q94, BUT USED TO I
- (ND) TCE NOT DETECTED.
- (AB) WELL SCREENED IN BOTH ZONES
- (IAB) INTERMEDIATE WELL SCREENED B A AND B ZONES. TCE CONCENTRA DRAW A ZONE TCE ISOPLETH ON
- o WATER LEVEL NOT USED TO DR
- ESTIMATED ISOPLETH OF TCE CO USING DATA FROM JULY, 1991 TH JUNE 1994. ISOPLETH INTERVAL:

NOTES:

WATER LEVEL CONTOURS GENERATED AND CORRECTED BY HAND. ONLY WEL WATER LEVELS SHOWN WERE USED F GROUNDWATER DEPRESSIONS MAY NOT ON PUMPING WELLS BECAUSE THEIR W ARE NOT MEASURED. TCE VALUES WEI EASE IN READING MAPS.



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SCALE



LEGEND:

- McCLELLAN AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◇ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
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- (ND) TCE NOT DETECTED.
- (AB) WELL SCREENED IN BOTH ZONES DESIGNATED
- (IAB) INTERMEDIATE WELL SCREENED BETWEEN THE B AND B ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
- b WATER LEVEL NOT USED TO DRAW CONTOUR
- ESTIMATED ISOPLETH OF TCE CONCENTRATIONS. USING DATA FROM JULY, 1991 THROUGH JUNE 1994. ISOPLETH INTERVAL: 10 ug/L.

NOTES:
WATER LEVEL CONTOURS GENERATED BY GPS-3 © AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVELS SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS ARE NOT MEASURED. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.



0 1000
SCALE IN FEET

PLATE 3.

**WATER LEVEL CONTOURS AND
ESTIMATED TRICHLOROETHENE
CONCENTRATION ISOPLETHS FOR
B-ZONE MONITORING
AND EXTRACTION WELLS**
Water Level Data Collected
March 28-31, 1994
TCE Data Collected Second Quarter 1994
McCLELLAN AFB
Groundwater Sampling
& Analysis Program
April-June 1994

LATEST REVISION: VRL DATE: 12-08-93

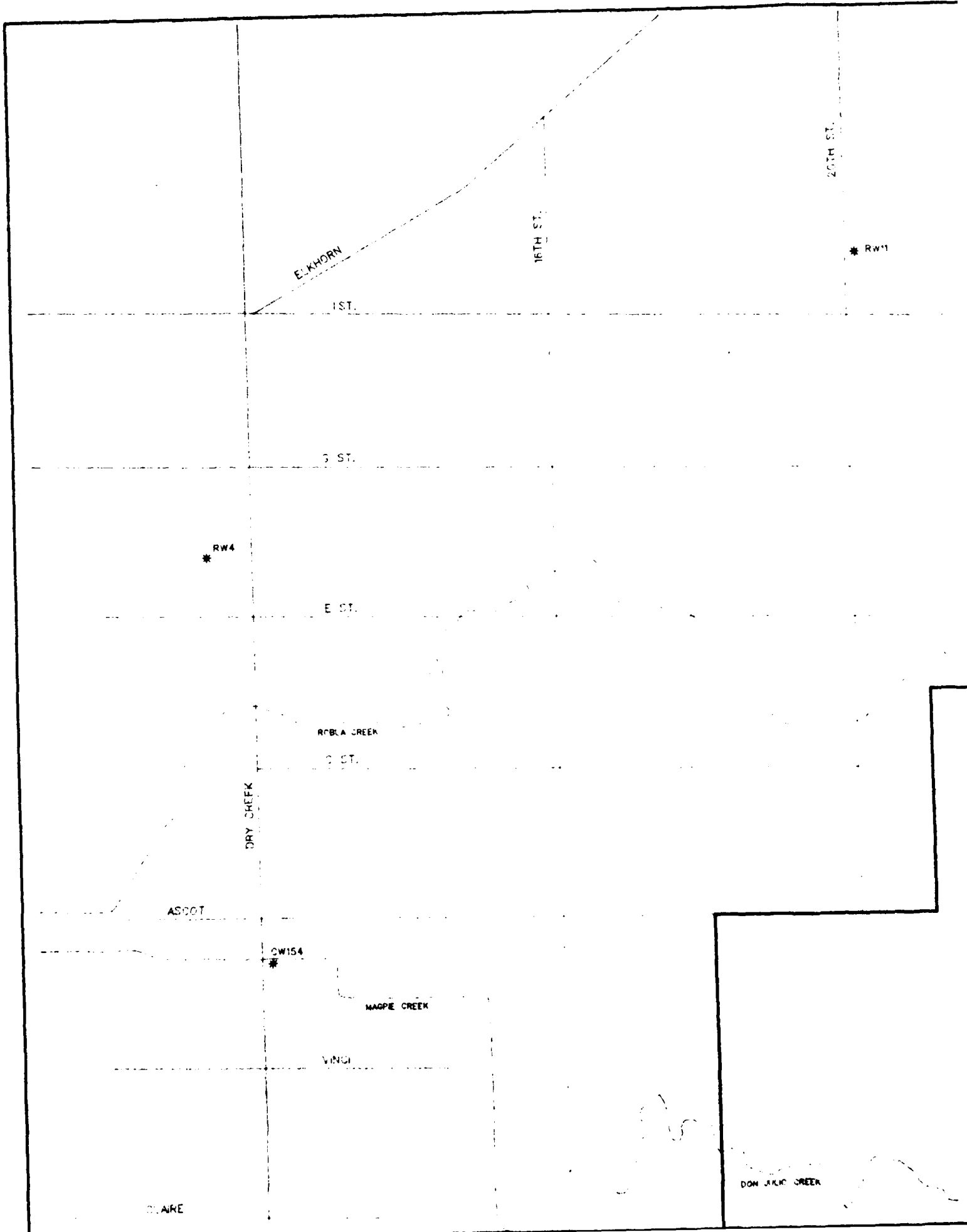
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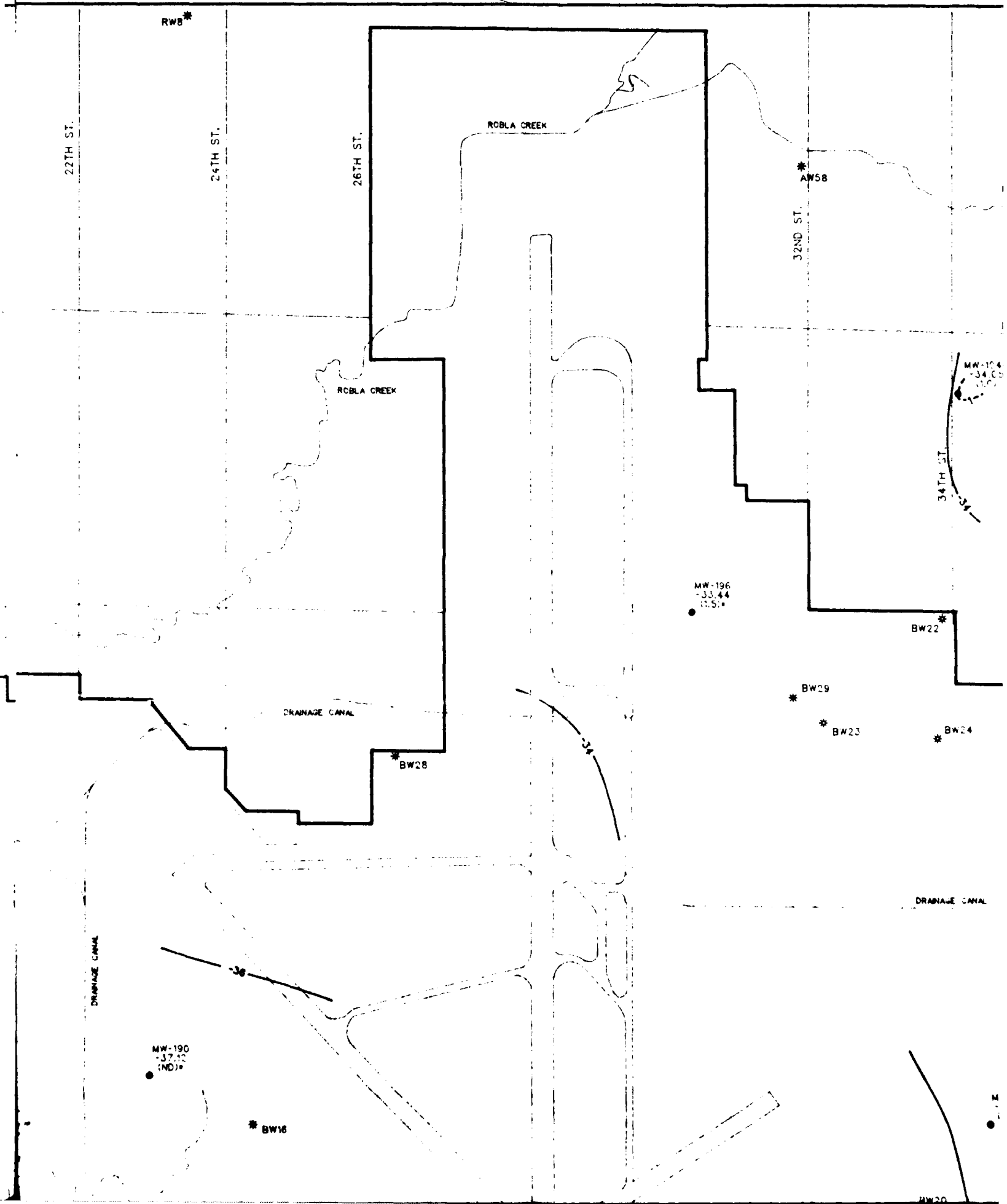
PEER REVIEW: *Theresa E. Cady* DATE: 8/9/94

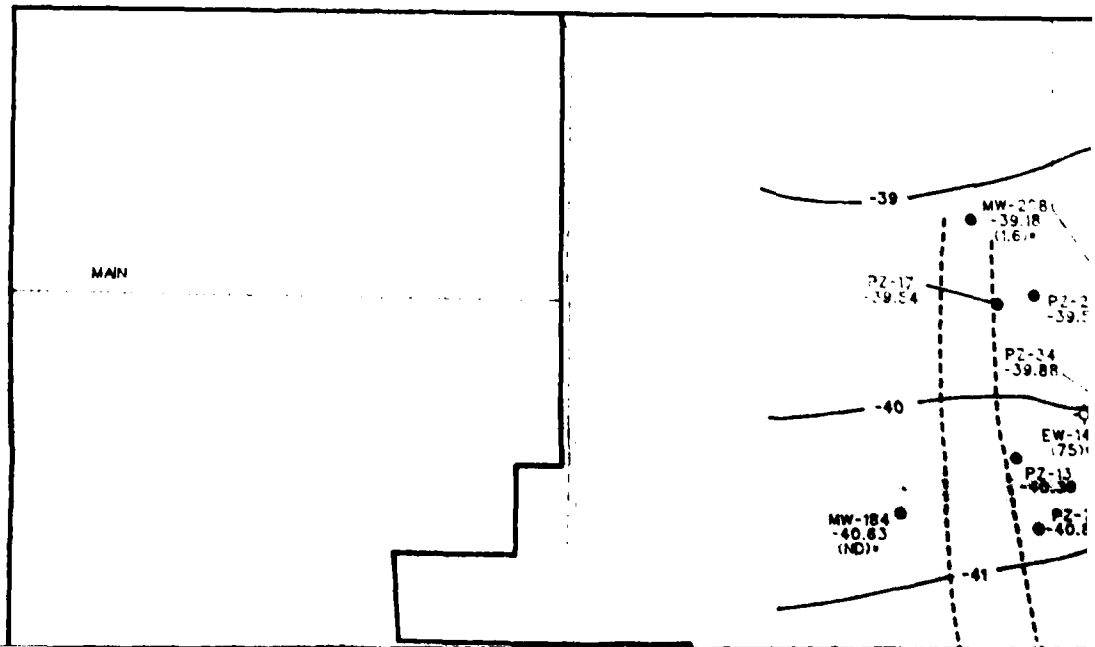
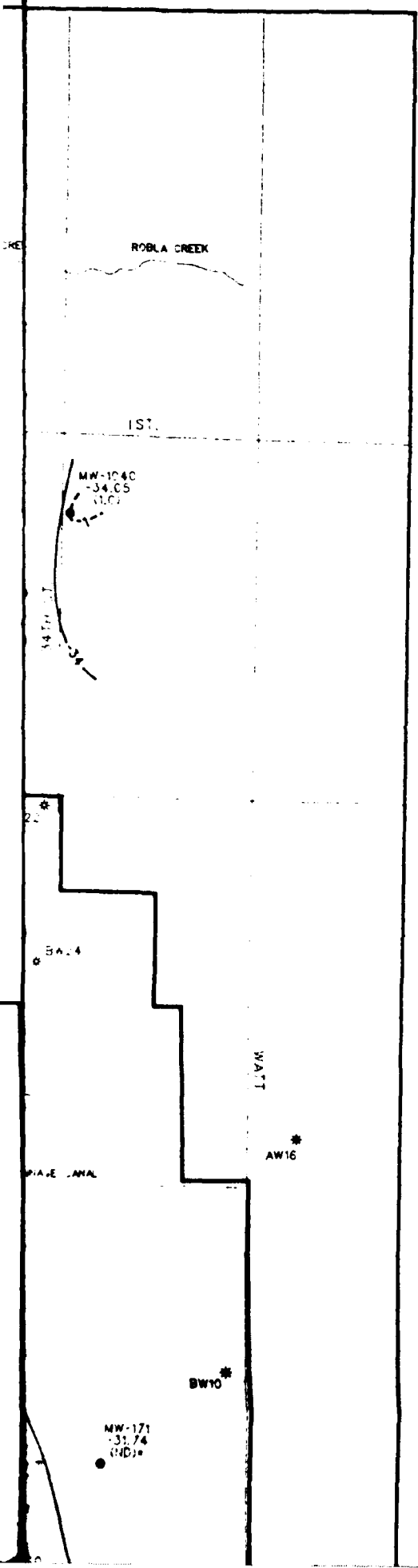
PROJECT REVIEW: *W. J. R. King* DATE: 8/9/94

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CORPORATION**

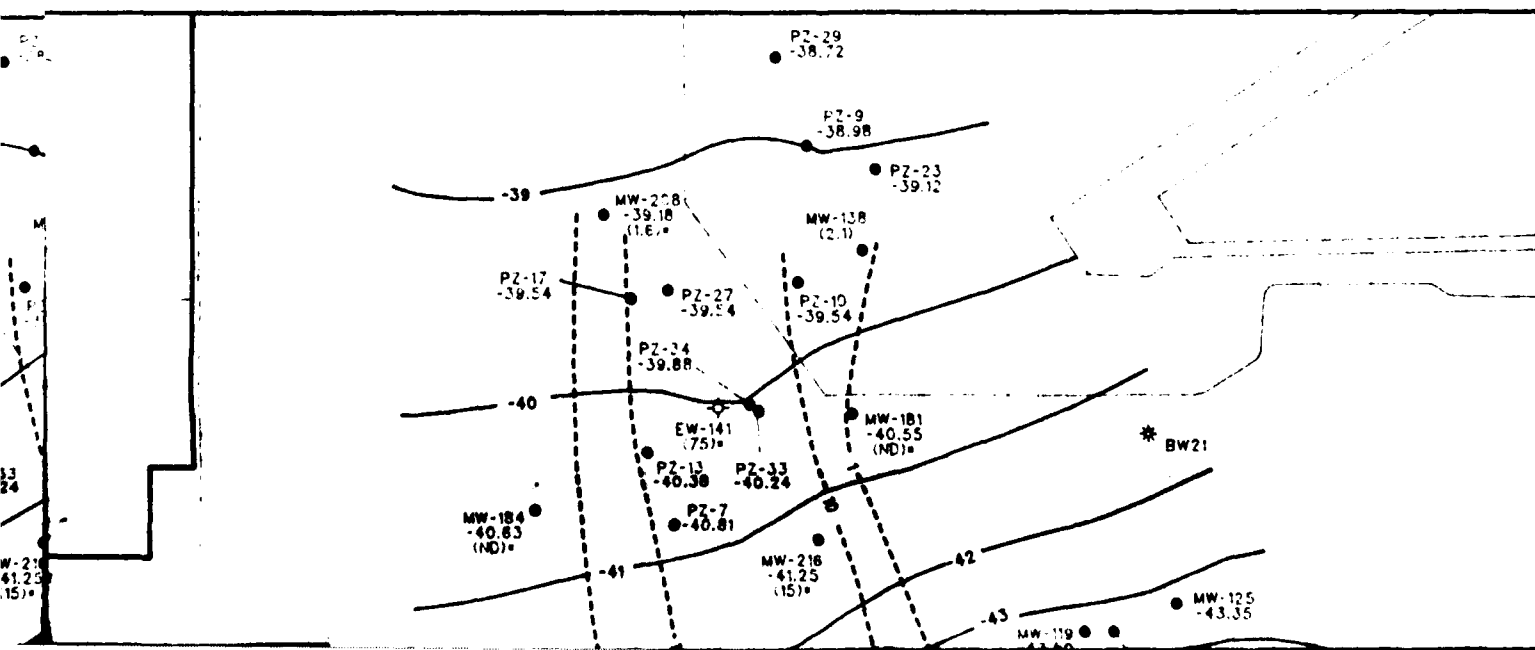
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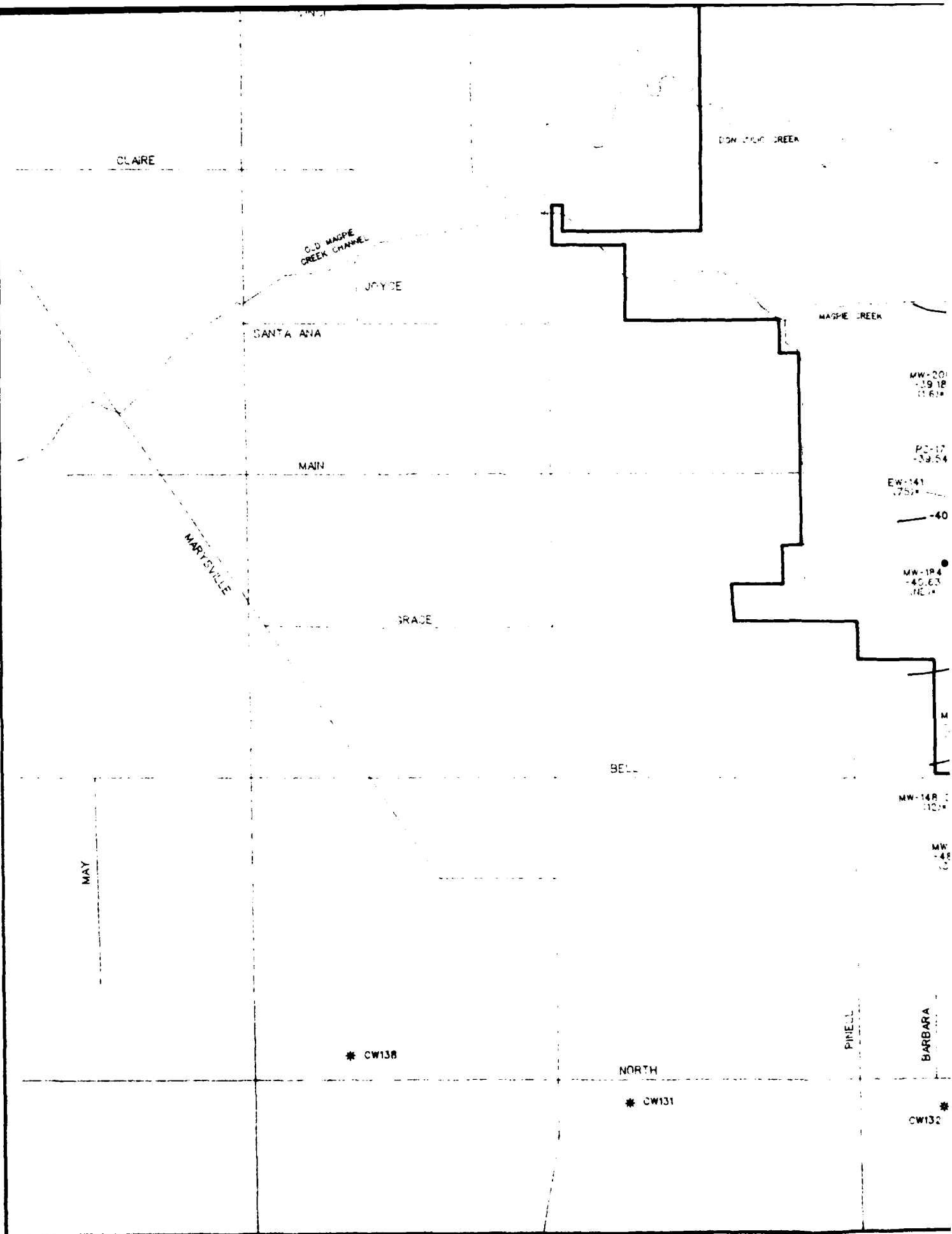


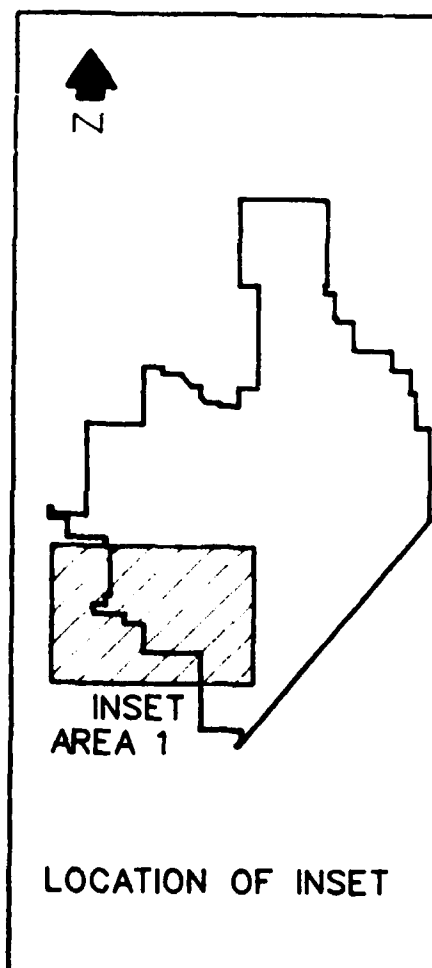
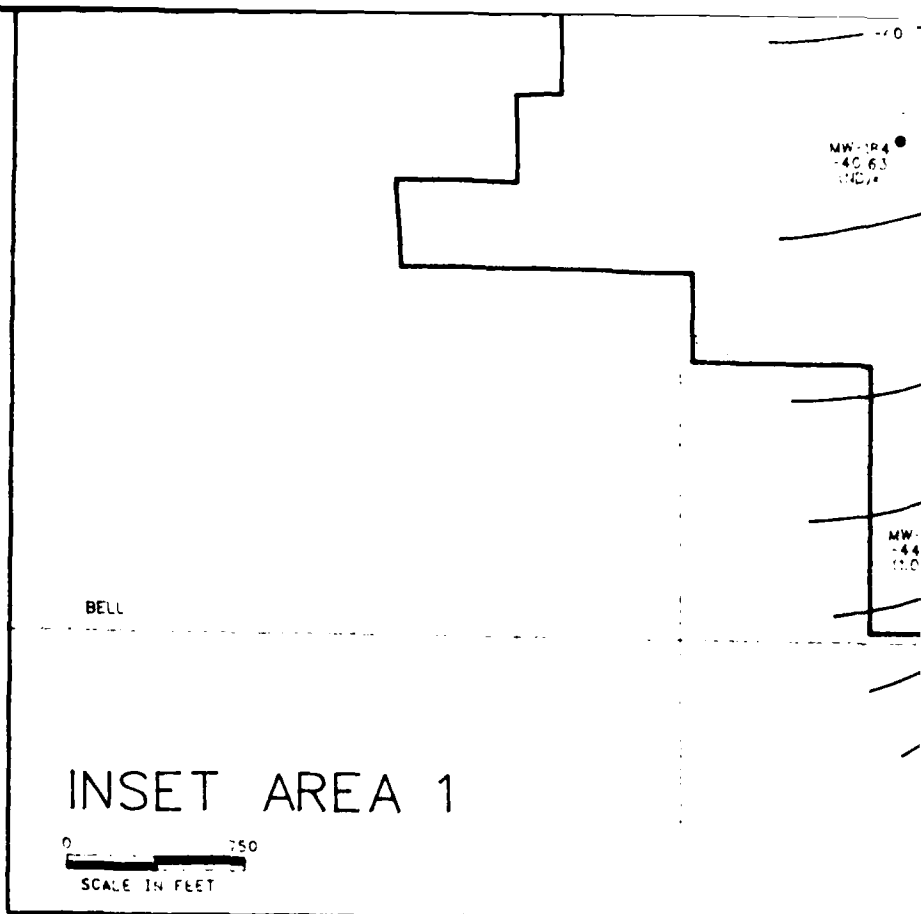
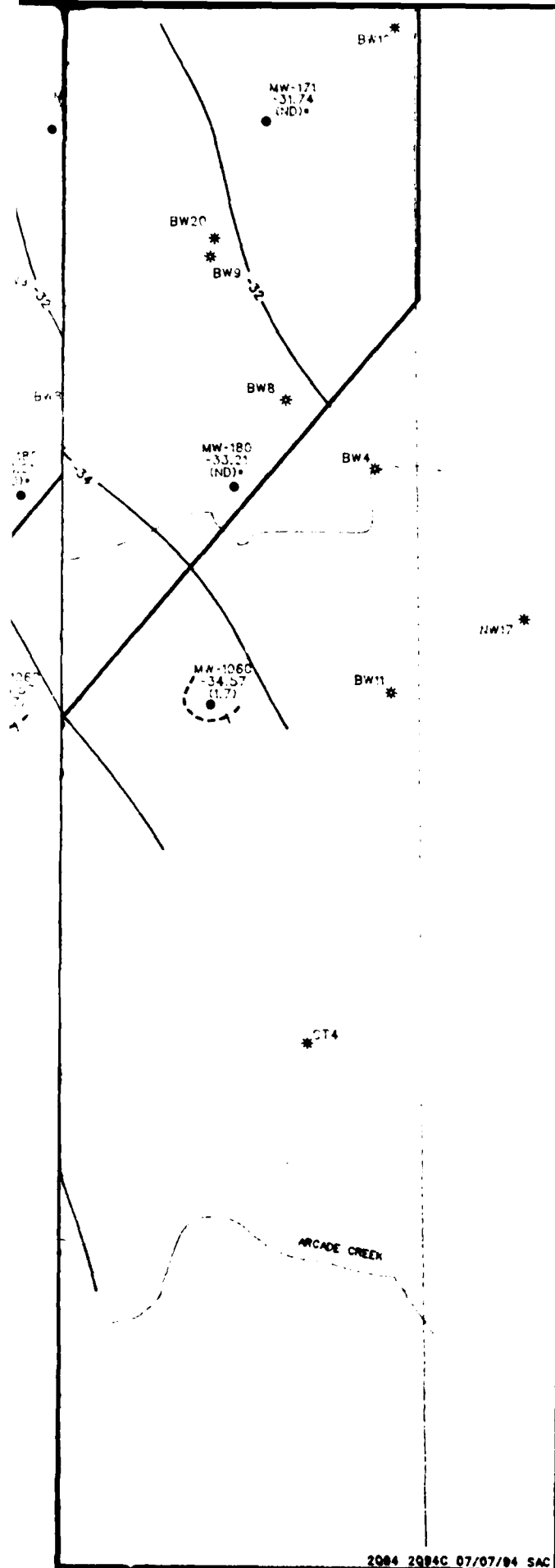




(4)







LEGEND:

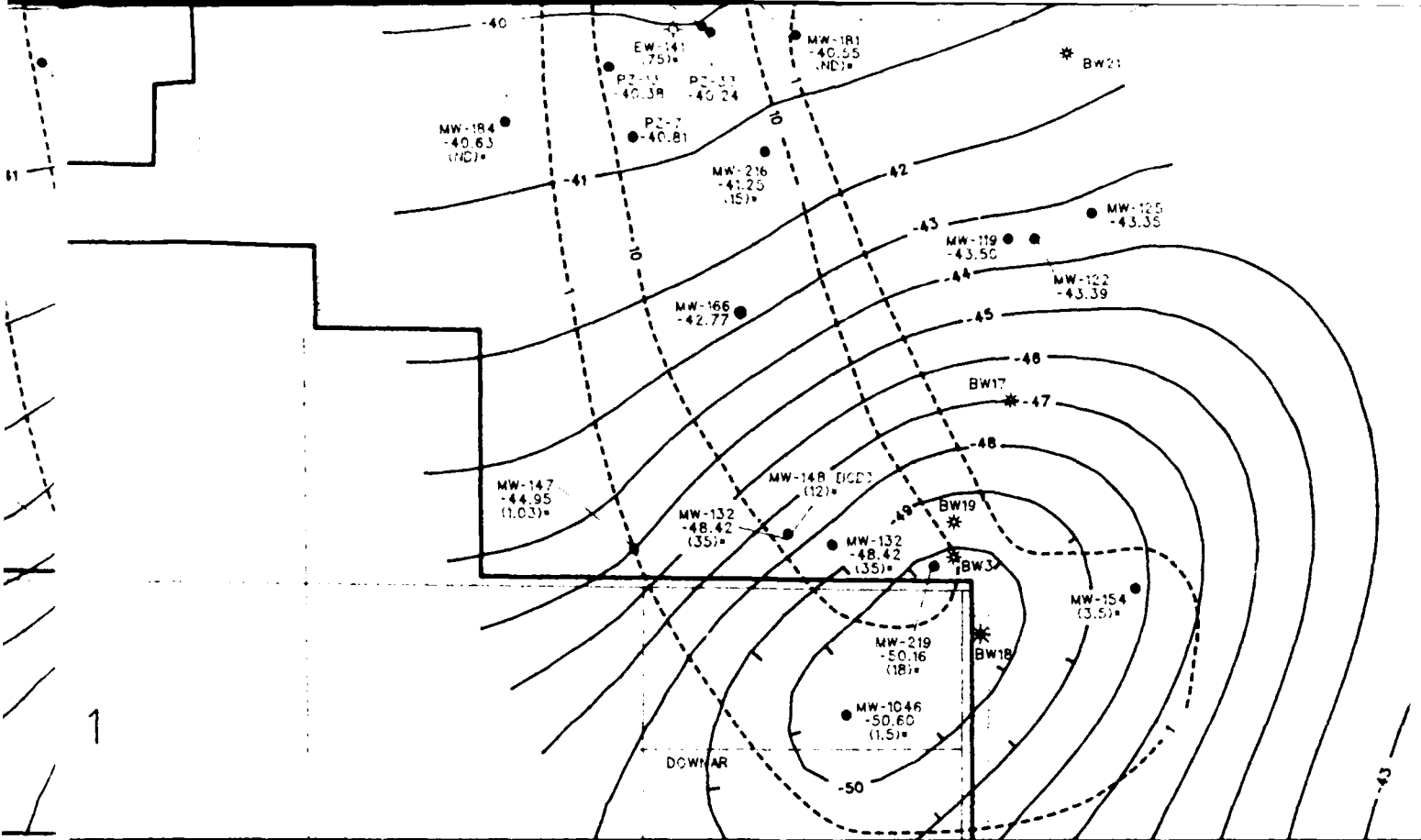
- MOBILE AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◆ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
- * WATER SUPPLY WELLS (ACTIVE)
- 42- WATER LEVEL CONTOURS IN FEET MSL. HACHURES INDICATE DOWNGRADIENT DIRECTION.
- (5.8) TCE CONCENTRATIONS IN ug/L DURING 1994.
- (1.2) TCE CONCENTRATIONS IN ug/L PRIOR TO 1994, BUT USED TO
- ESTIMATED ISOPLETH OF TCE C USING DATA FROM JULY, 1991 TO JUNE 1994. ISOPLETH INTERVAL

NOTE: WATER LEVEL CONTOURS GENERATED & CORRECTED BY HAND. ONLY WELLS WITH VALUES SHOWN WERE USED FOR CONTOURING. WATER DEPRESSIONS MAY NOT BE CENTERS BECAUSE WATER LEVELS ARE NOT TCE VALUES WERE ROUNDED FOR EASE OF MAPS



0 750
SCALE

(7)



LEGEND:

- McCLELLAN AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◆ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
- * WATER SUPPLY WELLS (ACTIVE)
- 42--- WATER LEVEL CONTOURS IN FEET MSL. HACHURES INDICATE DOWNGRADIENT DIRECTION.
- (5.8) TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 1994.
- (1.2) TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 1994, BUT USED TO DRAW TCE ISOPLETH.
- ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1991 THROUGH JUNE 1994. ISOPLETH INTERVAL: 10 ug/L.

NOTE: WATER LEVEL CONTOURS GENERATED BY GPS-3® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE WATER LEVELS ARE NOT MEASURED. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS



0 1000
SCALE IN FEET

PLATE 4.

WATER LEVEL CONTOURS AND ESTIMATED TRICHLOROETHENE CONCENTRATION ISOPLETHS FOR C ZONE MONITORING AND EXTRACTION WELLS

Water Level Data Collected
March 28-31, 1994
TCE Data Collected Second Quarter 1994

McCLELLAN AFB
Groundwater Sampling
& Analysis Program
April-June 1994

LATEST REVISION: VRL DATE: 12-08-93

GENERATED BY: *Thomas F. Fubz* DATE: 8/9/94

PEER REVIEW: *Thomas F. Fubz* DATE: 8/9/94

PROJECT REVIEW: *u/f* DATE: 8/9/94

RADIAN
CORPORATION

(2)

RWB*

22TH ST.

24TH ST.

26TH ST.

ROBLA CREEK

AW58*

32ND ST.

34TH ST.

ROBLA CREEK

BW22*

DRAINAGE CANAL

* BW29

* BW25

* BW24

* BW28

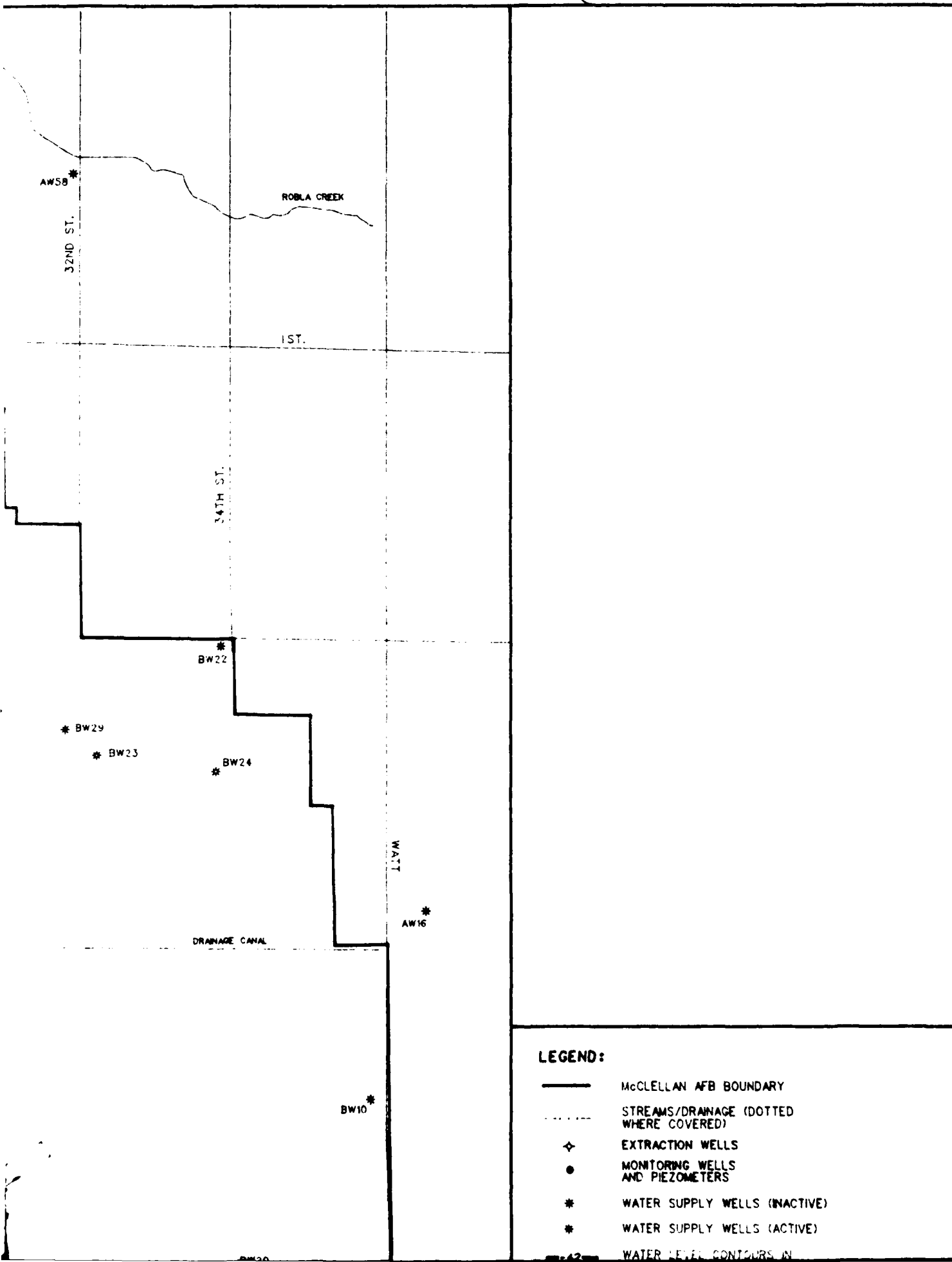
DRAINAGE CANAL

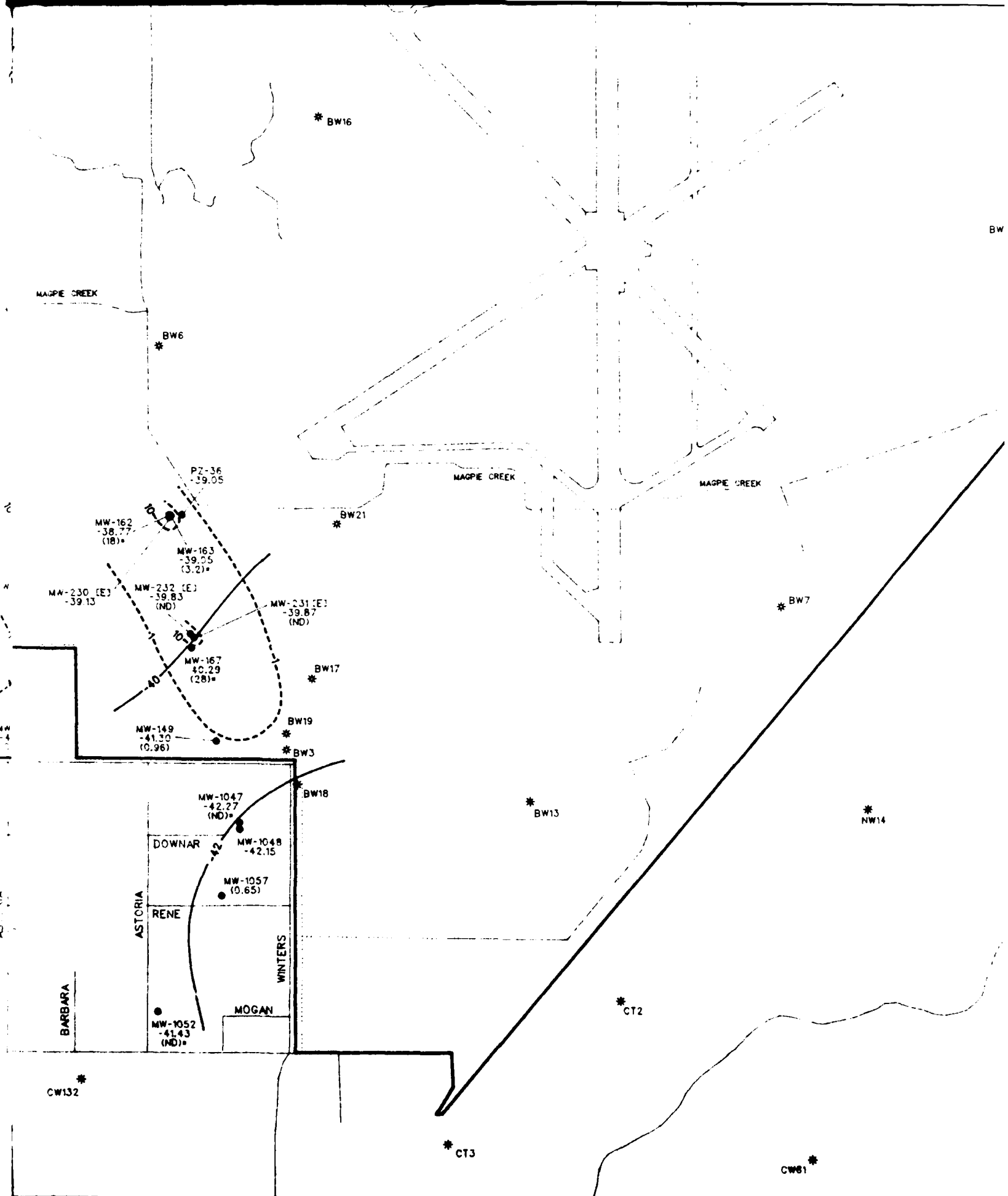
DRAINAGE CANAL

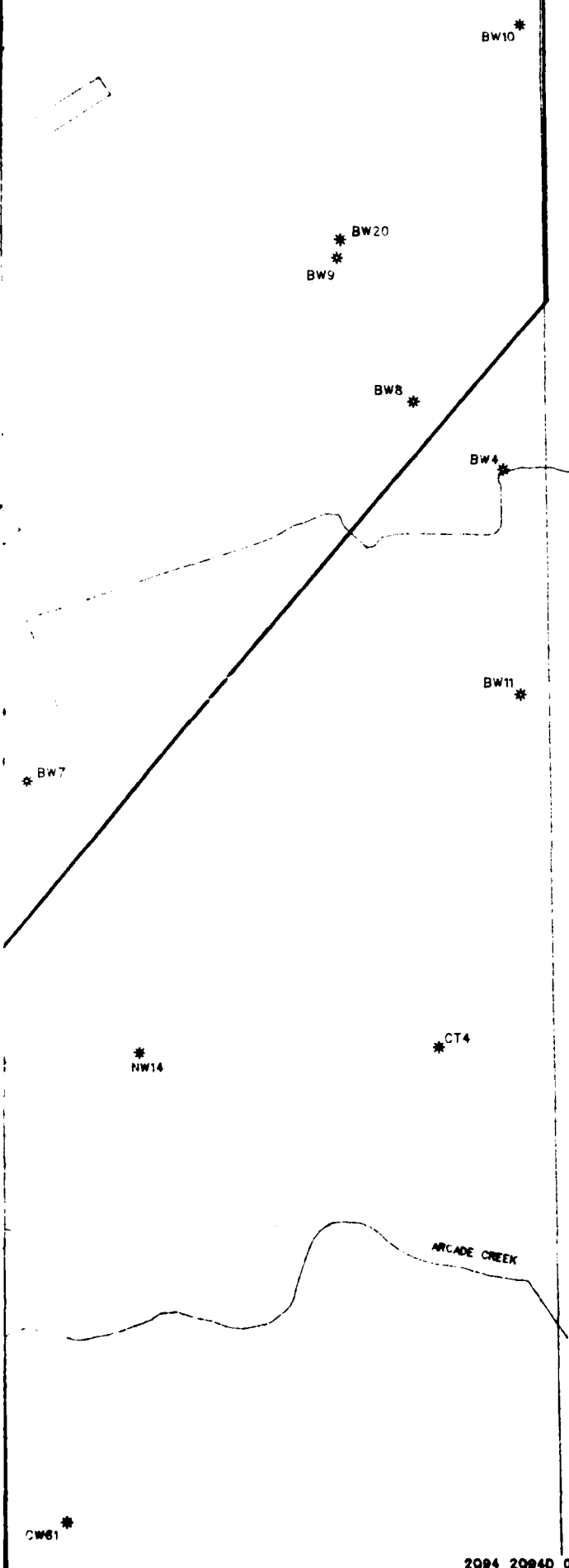
* BW16

RW1

3)







- McCLELLAN AFB BOUNDARY
- STREAMS/DRAINAGE (DOTTED WHERE COVERED)
- ◇ EXTRACTION WELLS
- MONITORING WELLS AND PIEZOMETERS
- * WATER SUPPLY WELLS (INACTIVE)
- * WATER SUPPLY WELLS (ACTIVE)
- 42— WATER LEVEL CONTOURS IN FEET MSL.
- (5.8) TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 2Q94.
- (1.2) TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 2Q94, BUT USED TO DRAW TCE ISOPLETH.
- (ND) TCE NOT DETECTED.
- (E) E-ZONE WELL. NOT USED TO CALCULATE D-ZONE TCE ISOPLETH OR WATER LEVEL CONTOUR.
- ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1992 THROUGH JUNE 1994. ISOPLETH INTERVAL: 10^xug/L.

NOTE:
 WATER LEVEL CONTOURS GENERATED BY OPS-3[®] AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVELS SHOWN WERE USED FOR CONTOURING. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.



LATEST REVISION: VRL	DATE: 12-08-93
GENERATED BY: <i>[Signature]</i>	DATE: 8/9/94
PEER REVIEW:	DATE:
PROJECT REVIEW: <i>[Signature]</i>	DATE: 8/9/94

PLATE 5.

**WATER LEVEL CONTOURS
 AND ESTIMATED TRICHLOROETHENE
 CONCENTRATION ISOPLETHS FOR
 D-ZONE MONITORING
 AND EXTRACTION WELLS**

**Water Level Data Collected
 March 28-31, 1994**

TCE Data Collected Second Quarter, 1994

**McCLELLAN AFB
 Groundwater Sampling
 & Analysis Program
 April-June 1994**

**RADIAN
 CORPORATION**