

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



July 27, 1999

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

STID 770

Philip Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

RE: (Former) Chevron Station #9-2013, 15002 Hesperian Boulevard, San Leandro

Dear Mr. Briggs:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]) of the California Health and Safety Code. The State Water Resources Control Board (SWRCB) has required since March 1, 1997 that this agency use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at this site.

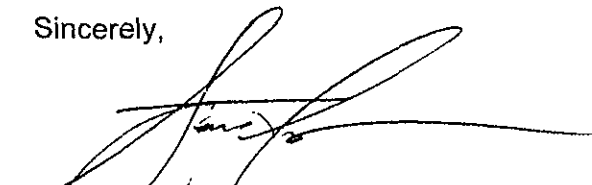
SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- o Up to 1000 micrograms per liter (ug/l) Total Petroleum Hydrocarbons as Gasoline (TPH-G) and 64 ug/l methyl tert-butyl ether (MtBE) are present in groundwater beneath the site.

If you have any questions, please contact the undersigned at (510) 567-6783.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

Enclosures:

1. Case Closure Letter
2. Case Closure Summary

cc: Dick Pantages, Chief
Ui Chin Hwang, 15018 Hesperian Blvd., San Leandro, CA 94578



July 27, 1999

STID 770

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
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REMEDIAL ACTION COMPLETION CERTIFICATION

Philip Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

RE: (Former) Chevron Station #9-2013, 15002 Hesperian Boulevard, San Leandro

Dear Mr. Briggs:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink that reads "Mee Ling Tung".

Mee Ling Tung
Director, Environmental Health Services

- c: Chuck Headlee, RWQCB
Dave Deaner, SWRCB (w/attachment)
Mike Bakaldin, San Leandro Hazardous Materials Program
Ui Chin Hwang, 15018 Hesperian Blvd., San Leandro, CA 94578 (w/attachment)
SOS/files

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 03/22/99

Agency name: **Alameda County-EPD**
City/State/Zip: **Alameda, CA 94502**
Responsible staff person: **Scott Seery**

Address: **1131 Harbor Bay Pkwy #250**
Phone: **(510) 567-6700**
Title: **Haz. Materials Spec.**

II. CASE INFORMATION

Site facility name: **Chevron Service Station #9-2013**
Site facility address: **15002 Hesperian Blvd., San Leandro 94578**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **770**
URF filing date: **04/17/84** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Chevron Products Co. <u>Attn:</u> Phil Briggs	P.O. Box 6004 San Ramon, CA 94583-0904	(925) 842-9136
Estate of G.W. Scheffer	P.O. Box 173 San Jose, CA 95103	

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	10,000 gal	gasoline	Removed	~ 1984
2	10,000 "	"	"	"
3	5,000 "	"	"	"
4	1,000	waste oil	"	"
5	1,000	" "	"	1998

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: UNK (possible line leak)

Site characterization complete? YES

Date approved by oversight agency:

Monitoring Wells installed? YES Number: 8

Proper screened interval? YES

Highest GW depth below ground surface: 7.6' Lowest depth: 15.09'

Flow direction: SW - SE

Most sensitive current use: commercial/retail

Leaking Underground Fuel Storage Tank Program

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Are drinking water wells affected? NO Aquifer name: San Leandro Cone

Is surface water affected? NO Nearest affected SW name: NA

Off-site beneficial use impacts (addresses/locations): NA

Report(s) on file? YES Where is report filed? Alameda County
1131 Harbor Bay Pkwy
Alameda CA 94502

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank	2x10K; 5K; 1K gals. 1,000 gals.	UNK Disposal – Erickson, inc. Richmond, CA	8/84 10/30/98
Piping	UNK	UNK	
Free Product	"	"	
Soil	"	"	
Groundwater	4700 gals.	Disposal – I.T. Corp. Martinez, CA	8/7/84

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)^{1,2,5}</u>		<u>Water^{3,4} (ppb)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	UNK	<10	12,000	1000
TPH (Diesel)	"	NA	NA	NA
Benzene	"	<0.3	120	<0.5
Toluene	"	<0.3	110	<0.5
Xylene	"	<0.3	130	<0.5
Ethylbenzene	"	<0.3	110	<0.5
Other (MtBE)	"	NA	NA	64

- Notes:
- 1) "Before" soil results reflect the (presumed) August 1984 tank removals for which no documentation could be located by the local agencies and Chevron.
 - 2) "After" soil results reflect soil samples collected during installation of wells MW-6, -7, and -8, the only soil samples for which there are available results.
 - 3) "Before" water results from samples collected December 8, 1987 from well MW-5.
 - 4) "After" water results reflect May 15, 1998 sampling event, as follows: TPH-G from well MW-6; MtBE from well MW-2; BTEX reflects data from all wells.
 - 5) Samples collected during the 1998 waste oil UST closure were analyzed for TPH-G, TPH-D, BTEX, MtBE, TOG, HVOC, and SVOC. No detectable target compounds were identified except for 504-ppm bis(2-ethylhexyl)phthalate.

Leaking Underground Fuel Storage Tank Program

Comments (Depth of Remediation, etc.):

Available information indicates four USTs were removed from this site sometime during or around August 1984. A tank closure report or similar document could not be located by the City of San Leandro Fire Department, this agency, or Chevron at the time of this writing.

The original tanks were reportedly installed in 1969, and were comprised of two (2) 10,000 and one 5,000 gallon gasoline, and one 1,000-gallon waste oil UST. These early tanks were reportedly replaced in 1984 with three (3) 10,000-gallon gasoline and one 1000-gallon waste oil USTs. All replacement tanks were comprised of fiberglass-reinforced plastic (FRP). It is unknown if the USTs are of single- or double-walled construction, as conflicting accounts have been presented.

The 1000-gallon waste oil tank, along with the hydraulic lifts and oil/water separator, were removed from the site during October 1998 under San Leandro Fire Department oversight. The condition of the tank was sound, and the sample results unremarkable. Excavated soil was returned to the tank pit. The fuel tanks remain in-place at the site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? _____

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? _____

Does corrective action protect public health for current land use? YES
Site management requirements: NA

Should corrective action be reviewed if land use changes? YES

Monitoring wells Decommissioned: NO

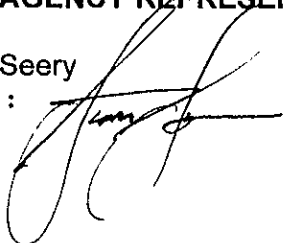
Number Decommissioned: NA Number Retained: 8

List enforcement actions taken: NONE

List enforcement actions rescinded: NONE

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Scott Seery

Signature: 

Title: Haz Mat Specialist

Date: 4-12-99

Leaking Underground Fuel Storage Tank Program

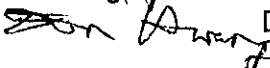
V. LOCAL AGENCY REPRESENTATIVE DATA (Continued)

Reviewed by

Name: Tom Peacock Title: Supervising Haz Mat Specialist

Signature:  Date: 4-9-99

Name: Don Hwang Title: Haz Mat Specialist

Signature:  Date: 3/31/99

VI. RWQCB NOTIFICATION

Date Submitted to RB: 4-12-99 RB Response:
RWQCB Staff Name: Chuck Headlee Title: San. Eng. Assoc. Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

The record reflects that five (5) wells were initially installed at the site during 1983, reportedly in response to a line leak that occurred in April of that year. These wells were reportedly monitored solely for the presence of free product (FP). Boring logs are, at best, rudimentary in their descriptions. Nevertheless, all encountered sediments are reportedly comprised of clay or silty clay to the depths explored. "Vapors" (presumably hydrocarbon vapors) were noted on logs for well borings MW-2, -3, -4, and -5 at depths of ~ 13-14' BG. The occurrence of these "vapors" appears consistent with the interception of the interface between the saturated and unsaturated zones. Soil samples were not collected. The wells were monitored twice in July 1983, and then weekly for two months in 1984 for the presence of FP. In each instance, no FP was reportedly detected. These wells were not sampled again until 1987.

In December 1987, the 5 original wells were sampled, perhaps for the first time where data were reported. Up to 12,000-ug/l total "fuel" hydrocarbons (TFHC) and 120-ug/l benzene, among other aromatic fuel components, were identified in water sampled from well MW-5 located NW of the fuel dispensers. Water sampled from apparent downgradient wells MW-2 and -3 also exhibited elevated concentrations of TFHC of up to 4000 ug/l and benzene of up to 80 ug/l during this sampling event.

In May 1988, three (3) additional wells were installed, two (MW-7 and -8) with in Hesperian Blvd. and one (MW-6) on-site. All wells were sampled at this time.

In October 1990, three wells were installed by others on the property south and east of the Chevron site to assess plumes from several sources. One such well (MW-1 aka "MW-A") was installed south and in close proximity to the Chevron UST cluster. Detectable concentrations of total petroleum hydrocarbons as gasoline (TPH-G) and ethylbenzene (E) were identified in water sampled from this well at that time. Soil samples were not collected. Beginning in 1995, Chevron began collecting samples from this well. Only low levels or non-detectable concentrations of fuel compounds were identified in samples collected from well MW-A through August 1998.

Leaking Underground Fuel Storage Tank Program

All Chevron wells were also sampled and monitored through August 1998, beginning with a quarterly schedule in 1987 and 1988, reduced to a semi- or annual scheduled thereafter in select wells. Diminishing trends in dissolved phase fuel compounds have been identified in samples collected since 1987. Groundwater flow was predominantly calculated towards the south over the course of the investigation, with periodic swings from SW to SE.

This case appears to be a "Low Risk Groundwater Case", as described in the January 5, 1996 San Francisco Bay Regional Water Quality Control memorandum entitled "*Regional Board Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low-Risk Fuel Sites,*" as follows:

1) The leak has been stopped and ongoing sources, including free product, have been removed or remediated.

The subject tanks were removed in 1984. Free product has not been known to occur at the site.

2) The site has been adequately characterized.

An 8-well network of wells was installed, monitored, and sampled over the course of several years. An additional well was installed on the adjoining property downgradient of the site. These points have allowed an adequate confirmation of underlying geology, groundwater flow, and contaminant extent.

3) The dissolved hydrocarbon plume is not migrating.

The plume appears stable. Hydrocarbon concentrations have attenuated over time.

4) No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.

There are no known municipal or residential water wells or surface water bodies within 750' downgradient of the subject site that would be impacted by shallow groundwater from this site.

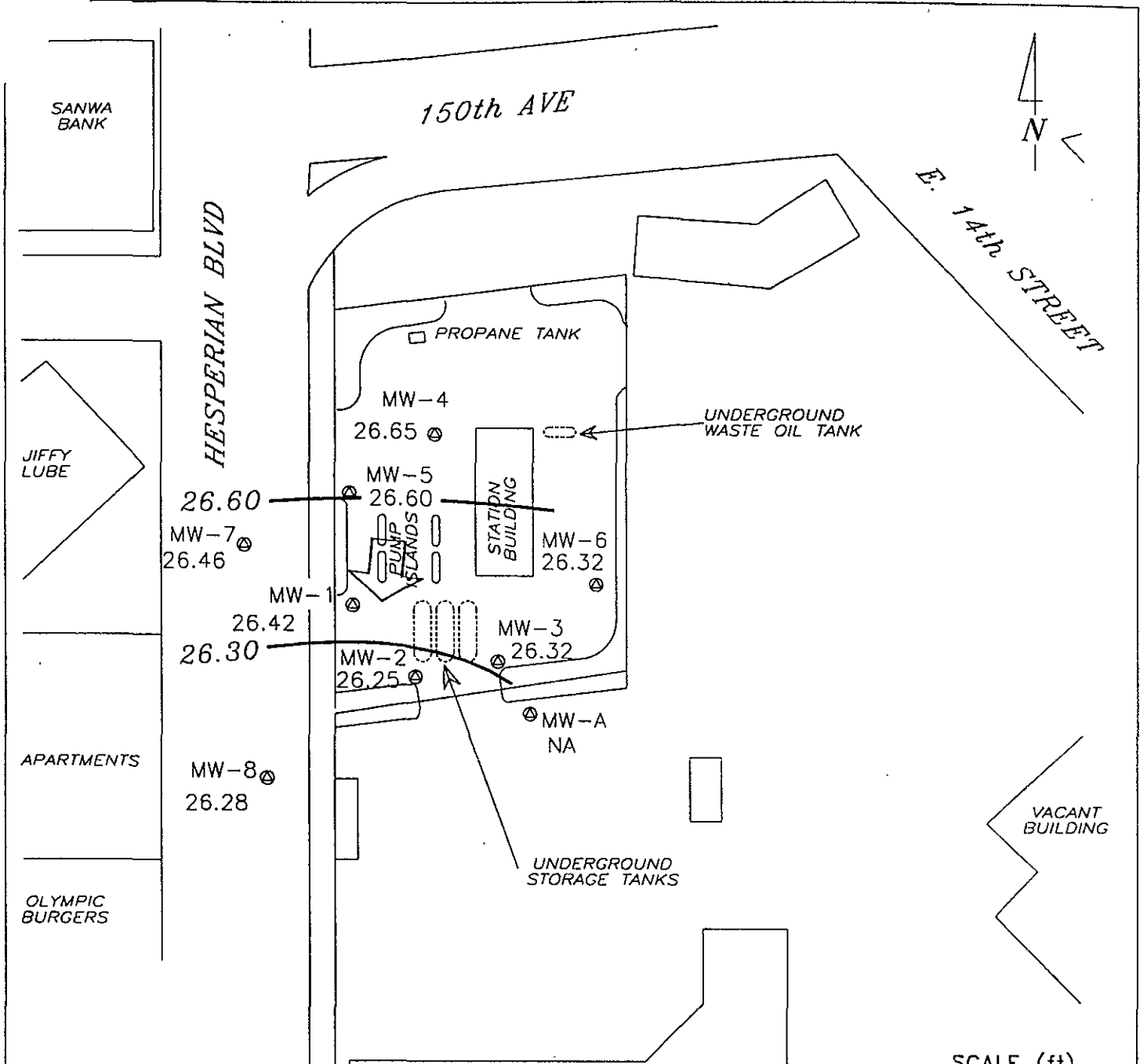
5) The site presents no significant risk to human health.

Comparison of ASTM E 1739-95 *Risk Based Screening Levels (RBSL)* with site-specific concentration and occurrence of risk-driving target compounds (e.g., benzene) in groundwater demonstrate that RBSL values are not exceeded for any plausible exposure pathways. Further, default criteria used to calculate the published RBSLs present more conservative parameters, as site-specific geology (clay) is much less conducive to vertical vapor transport to potential receptors at the site.

Sparse soil data have been presented to date. However, inference may be reasonably made that a substantial and, hence, potential risk-inducing soil source is not present at the site based on diminishing concentrations of target compounds in groundwater sampled since the late 1980s.

6) The site presents no significant risk to the environment.

No environmental receptors are known or expected to be proximal to the site.



EXPLANATION

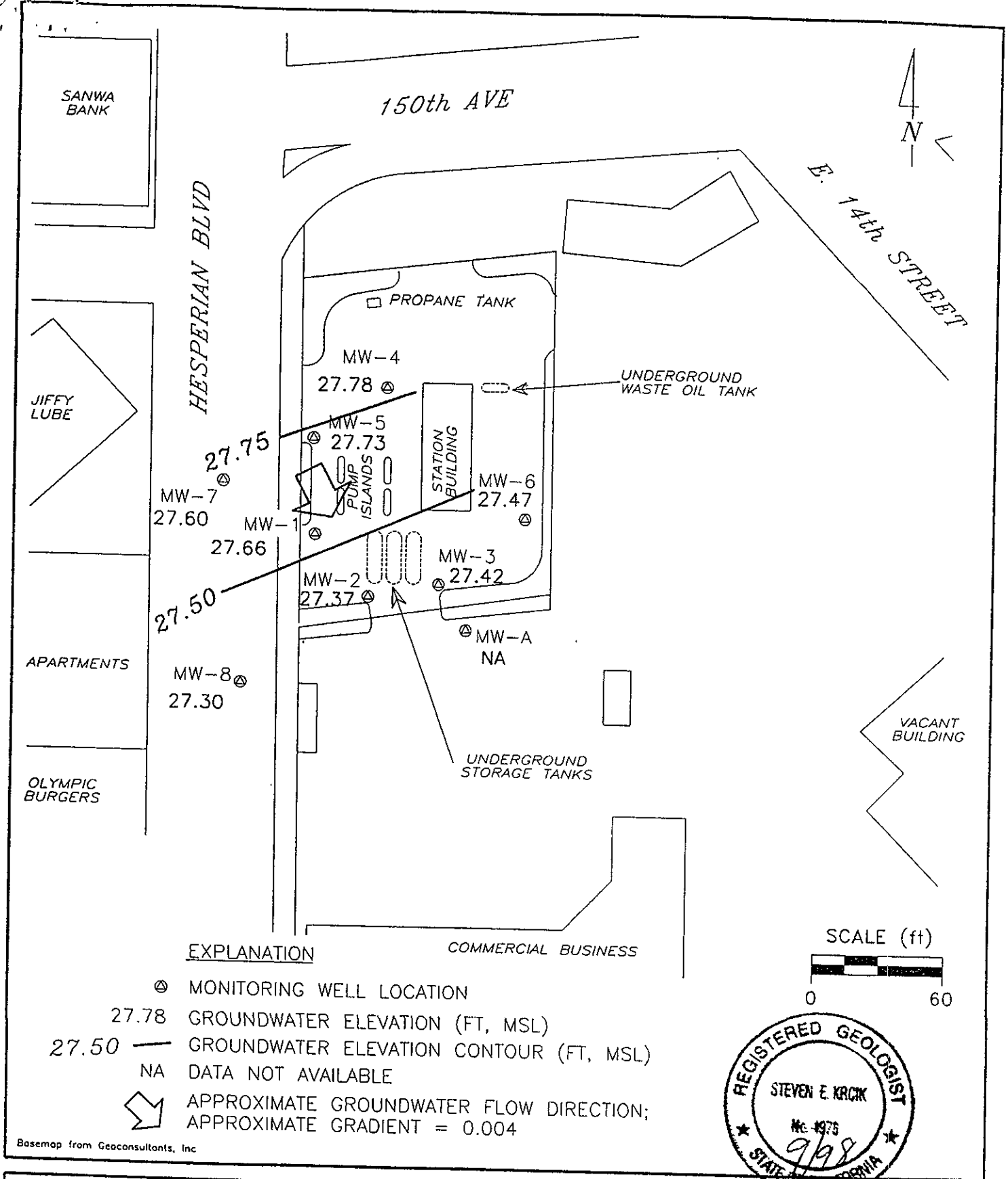
- ⊙ MONITORING WELL LOCATION
- 26.28 GROUNDWATER ELEVATION (FT, MSL)
- 26.60 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- ↓ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.002

SCALE (ft)

REGISTERED GEOLOGIST
STEVEN E. KRČIK
No. 4976
9/98
STATE OF CALIFORNIA

Basemap from Geoconsultants, Inc.

PREPARED BY 	Chevron Station 9-2013 15002 Hesperian Boulevard San Leandro, California	FIGURE: 1
	GROUNDWATER ELEVATION CONTOUR MAP, AUGUST 12, 1998	PROJECT: DAC04

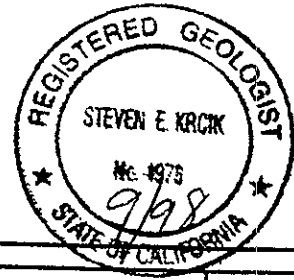



EXPLANATION

COMMERCIAL BUSINESS

- ⊙ MONITORING WELL LOCATION
- 27.78 GROUNDWATER ELEVATION (FT, MSL)
- 27.50 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- ↘ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.004

Basemap from Geoconsultants, Inc



PREPARED BY  engineering contracting firm	Chevron Station 9-2013 15002 Hesperian Boulevard San Leandro, California	FIGURE: 1
	GROUNDWATER ELEVATION CONTOUR MAP, MAY 15, 1998	PROJECT: DAC04

C A M B R I A



ATTACHMENT A

Area Well Survey by WA

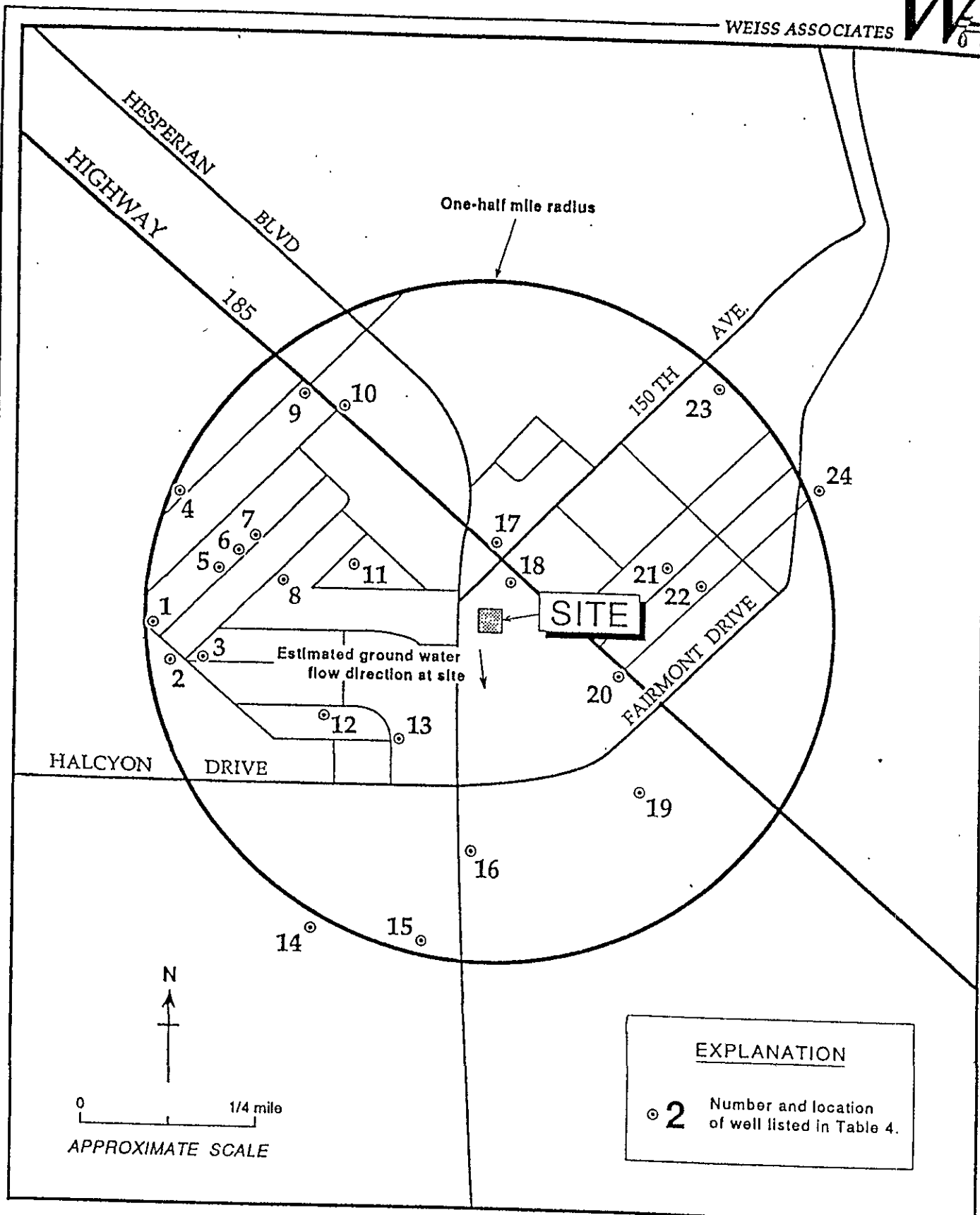


Figure 5. Wells Within One-Half Mile of Chevron Service Station #92013, San Leandro, California

Table 4. Owners and Uses of Water Wells within One-Half Mile of Chevron Service Station #92013, San Leandro, California.

Well ID (1)	Owner	Address	Use
1	McCutheron	14941 Western Avenue	Irr
2	Stan Boone	14978 Western Avenue	Irr
3	Edmund Botclilo	14982 Western Avenue	Irr
4	John Tenantc	1227 148th Avenue	Irr
5	Frank Frcitus	1264 Margery Avenue	Irr
6	Aaron Geiser	1268 Margery Avenue	Irr
7	Wm. McCabe	1261 Margery Avenue	Irr
8	Roberts	1252 Dorothy Street	Irr
9	N.F. Nunes	14830 E. 14th Street	Irr
10	ND	14860 E. 14th Street	ND
11	Frank Miguel	1268 Betty Street	Irr
12	R.M. Adams	988 Dillo Street	Irr
13	ND	Western & Dillo Streets	Irr
14	B.J. Moore	479 Nabor Street	Irr
15	Monte Moor	15241 Upton Avenue	Irr
16	ND	Hesperian & Bayfair Streets	Mon
17	ND	E. 14th & 150th Streets	Mon
18	ND	15030 E. 14th Streets	Irr
19	ND	Bayfair Drive	ND
20	PG&E	153rd & E. 14th Streets	Cat
21	Allen	152nd Avenue	Irr
22	Paul Fearon	1573 153rd Avenue	Irr
23	ND	Freedom Avenue	ND
24	ND	Criole Avenue	Irr

Abbreviations:

ND = Not determined
 Irr = Irrigation
 Mon = Ground Water Monitoring
 Cat = Cathodic Protection

C A M B R I A

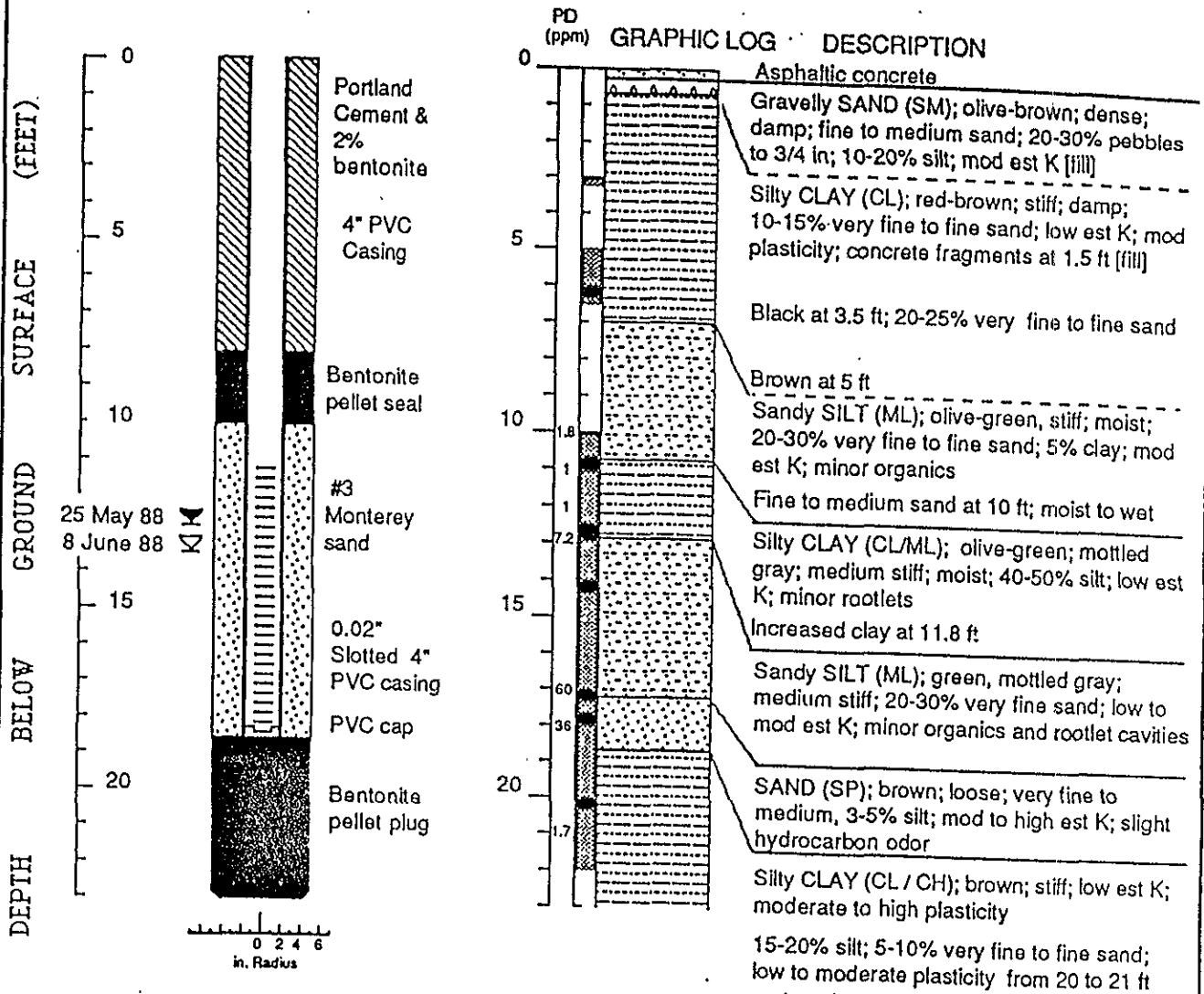


ATTACHMENT B

Boring Logs



B-6 / MW-6

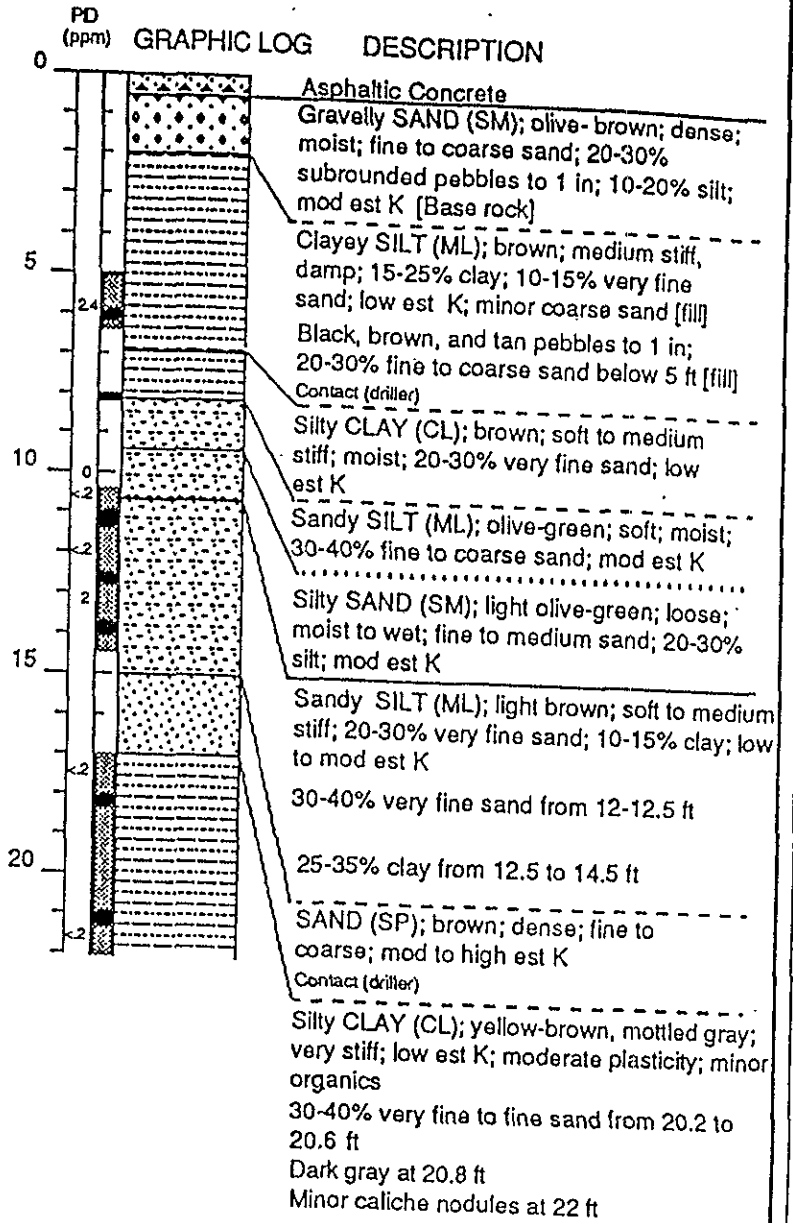
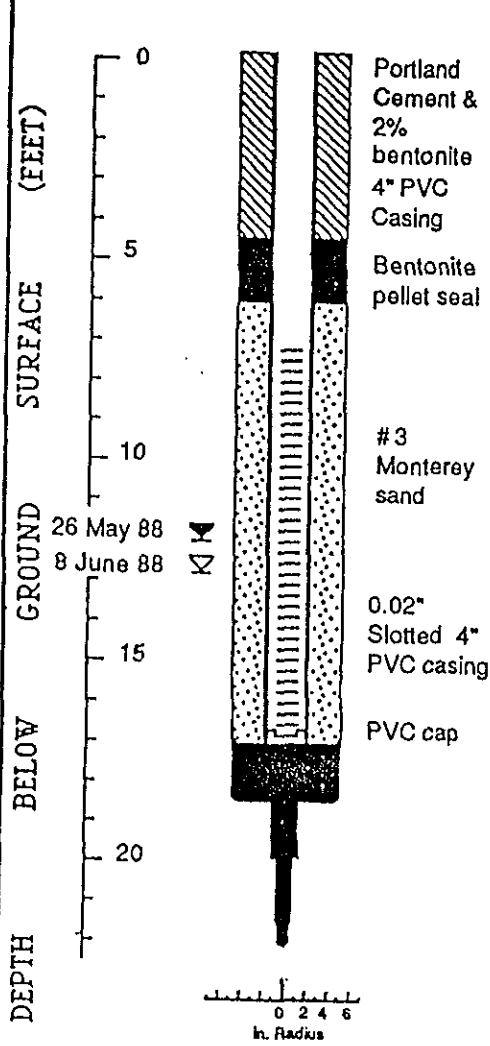


EXPLANATION

- ☒ Water level during drilling (date)
- ☒ Water level (date)
- Contact (dotted where approx.)
- - - - - Uncertain contact
- ▨ Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- ⊗ Grab sample
- K = Estimated permeability (hydraulic conductivity)

Logged by: Bob Agnew
 Supervisor: Richard Weiss; EG 1112
 Drilling Company: Datum Exploration, Pittsburg, CA
 Driller: Anthony Schonberger
 Drilling Method: Hollow stem auger
 Dates Drilled: 25 May 88
 Well Head Completion: Locking cap with traffic rated vault
 Type of sampler: Split barrel (1.5, 2, 2.5 in ID)

B-7 / MW-7



EXPLANATION

- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approx.)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Grab sample
- K = Estimated permeability (hydraulic conductivity)

Logged by: Bob Agnew
 Supervisor: Richard Weiss; EG 1112
 Drilling Company: Danum Exploration, Pittsburg, CA
 Driller: Anthony Schonberger
 Drilling Method: Hollow stem auger
 Dates Drilled: 26 May 88
 Well Head Completion: Locking cap with traffic rated vault
 Type of sampler: Split barrel (1.5, 2, 2.5 in ID)

C A M B R I A



ATTACHMENT C

Soil Analytic Tables

TABLE 1. Analytic Results for Soil, Chevron Service Station #92013, San Leandro, California

Sample ID	Date Sampled	Saturated/ Unsaturated	Sample Depth (ft)	Analytic Results (ppm)				
				TFHC	B	E	T	X
B-6	25 May 88	Unsat	6.0	<10	<0.3	<0.3	<0.3	<0.3
	25 May 88	Unsat	11.7	NA	NA	NA	NA	NA
	25 May 88	Sat	12.5	<10	<0.3	<0.3	<0.3	<0.3
	25 May 88	Sat	14.0	NA	NA	NA	NA	NA
	25 May 88	Sat	17.0	NA	NA	NA	NA	NA
	25 May 88	Sat	17.8	<10	<0.3	<0.3	<0.3	<0.3
	25 May 88	Sat	20.0	<10	<0.3	<0.3	<0.3	<0.3
B-7	26 May 88	Unsat	6.0	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Unsat	11.0	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Sat	12.5	NA	NA	NA	NA	NA
	26 May 88	Sat	13.7	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Sat	18.0	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Sat	21.0	NA	NA	NA	NA	NA
B-8	27 May 88	Unsat	6.0	<10	<0.3	<0.3	<0.3	<0.3
	27 May 88	Unsat	11.0	<10	<0.3	<0.3	<0.3	<0.3
	27 May 88	Sat	14.0	<10	<0.3	<0.3	<0.3	<0.3
	27 May 88	Sat	19.5	<10	<0.3	<0.3	<0.3	<0.3

ABBREVIATIONS

NA = Not Analyzed

TFHC = Total Fuel Hydrocarbons

B = Benzene

EB = Ethylbenzene

T = Toluene

X = Xylenes

C A M B R I A



ATTACHMENT D

Ground Water Analytic Tables

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-1												
12/08/87	35.77	23.84	11.93	--	--	--	--	--	--	--	--	--
05/23/88	35.77	24.23	11.54	--	--	--	--	--	--	--	--	--
06/07/88	35.77	24.10	11.67	--	<1000	7.0	4.6	1.1	20	--	--	--
08/05/88	35.77	23.18	12.59	--	--	--	--	--	--	--	--	--
09/08/88	35.77	22.81	12.96	--	600	0.91	<1.0	7.0	18	--	0.2	<0.1
12/05/88	35.77	22.69	13.08	--	2200	16	5.0	150	250	--	<1.0	<1.0
12/05/88	35.77	22.69	13.08	--	2700	16	5.0	170	330	--	<1.0	<1.0
03/14/89	35.77	24.11	11.66	--	3900	11	2.1	66	150	--	--	--
06/13/89	35.77	23.82	11.95	--	3000	2.0	1.0	23	51	--	--	--
09/13/89	35.77	22.55	13.22	--	1400	0.8	2.0	6.0	9.0	--	--	--
12/13/89	35.77	22.59	13.18	--	870	4.0	2.0	7.0	14	--	--	--
03/13/90	35.77	23.49	12.28	--	870	1.0	<0.3	7.0	13	--	--	--
10/11/90	35.77	22.06	13.71	--	2100	4.5	4.3	19	84	--	--	--
04/05/91	35.77	24.49	11.28	--	6000	19	12	86	130	--	--	--
10/30/91	35.77	21.77	14.00	--	3800	360	31	18	17	--	--	--
04/23/92	35.77	24.98	10.79	--	320	30	1.4	1.6	1.7	--	--	--
07/20/92	35.77	23.82	11.95	--	1100	25	4.4	3.6	4.9	--	--	--
10/30/92	35.77	22.53	13.24	--	1300	6.0	8.0	4.2	7.0	--	--	--
01/20/93	35.77	26.07	9.70	--	1000	7.7	3.1	4.9	7.2	--	--	--
04/30/93	35.77	26.64	9.13	--	960	1.8	4.3	4.1	6.8	--	--	--
08/06/93	35.77	25.22	10.55	--	950	<1.0	1.9	2.2	1.9	--	--	--
10/22/93	35.77	24.39	11.38	--	920	1.4	1.3	0.7	6.0	--	--	--
01/25/94	35.77	24.63	11.14	--	6000	<2.5	12	18	60	--	--	--
04/05/94	35.77	25.43	10.34	--	480	1.5	5.3	5.5	7.9	--	--	--
07/01/94	35.77	24.81	10.96	--	1000	0.9	8.5	9.7	29	--	--	--
02/13/95	35.77	--	--	Inaccessible	--	--	--	--	--	--	--	--
05/10/95	35.77	27.01	8.76	--	270	0.72	2.0	1.3	4.3	--	--	--
08/02/95	35.77	26.06	9.71	--	310	2.0	<1.2	5.4	6.2	--	--	--
05/08/96	35.77	26.77	9.00	--	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	--
11/07/96	35.77	25.01	10.76	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
05/07/97	35.77	26.53	9.24	--	190	0.6	<0.5	1.6	<0.5	<2.5	--	--
11/04/97	35.77	24.42	11.35	--	81	<0.5	<0.5	<0.5	<0.5	16	--	--
05/15/98	35.77	27.66	8.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.77	26.42	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-2												
12/08/87	35.00	24.21	10.79	--	--	--	--	--	--	--	--	--
05/23/88	35.00	24.20	10.80	--	--	--	--	--	--	--	--	--
06/07/88	35.00	24.07	10.93	--	<1000	52	5.8	13	12	--	--	--
08/05/88	35.00	23.14	11.86	--	--	--	--	--	--	--	--	--
09/08/88	35.00	22.74	12.26	--	600	1.0	<10	<10	<10	--	<1.0	<1.0
09/08/88	35.00	22.74	12.26	--	400	1.3	<1.0	<1.0	<1.0	--	<0.1	<0.1
12/05/88	35.00	22.63	12.37	--	<100	<0.5	<1.0	2.0	<1.0	--	<1.0	<1.0
03/14/89	35.00	24.00	11.00	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.00	23.78	11.22	--	<500	0.7	<0.5	2.0	3.0	--	--	--
09/13/89	35.00	22.47	12.53	--	<500	0.5	1.0	<0.5	0.8	--	--	--
12/13/89	35.00	22.55	12.45	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.00	23.47	11.53	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.00	22.05	12.95	--	<50	<0.5	0.6	0.7	1.1	--	--	--
04/05/91	35.00	24.48	10.52	--	160	1.3	<0.5	0.7	0.8	--	--	--
10/30/91	35.00	21.38	13.62	--	69	3.0	<0.5	<0.5	<0.5	--	--	--
10/30/91	35.00	21.38	13.62	--	81	7.4	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.00	24.92	10.08	--	250	53	29	3.5	11	--	--	--
07/20/92	35.00	23.78	11.22	--	690	94	6.6	5.5	4.7	--	--	--
10/30/92	35.00	22.48	12.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.00	26.00	9.00	--	780	<0.5	1.7	12	10	--	--	--
04/30/93	35.00	26.51	8.49	--	720	8.7	1.8	4.7	5.1	--	--	--
08/06/93	35.00	25.08	9.92	--	780	2.4	1.2	2.6	3.4	--	--	--
10/22/93	35.00	24.30	10.70	--	1700	38	53	11	80	--	--	--
01/25/94	35.00	24.52	10.48	--	600	1.1	1.9	2.4	3.7	--	--	--
04/05/94	35.00	25.35	9.65	--	970	6.0	<0.5	4.5	8.2	--	--	--
07/01/94	35.00	24.73	10.27	--	940	4.0	5.0	4.9	13	--	--	--
02/13/95	35.00	26.76	8.24	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.00	26.85	8.15	--	--	--	--	--	--	--	--	--
08/02/95	35.00	25.92	9.08	--	260	<1.0	<1.0	<1.0	1.2	--	--	--
05/08/96	35.00	26.59	8.41	--	120	<0.5	<0.5	<0.5	<0.5	4.6	--	--
11/07/96	35.00	24.92	10.08	--	--	--	--	--	--	--	--	--
05/07/97	35.00	26.95	8.05	--	160	<0.5	<0.5	<0.5	<0.5	9.3	--	--
11/04/97	35.00	24.30	10.70	--	--	--	--	--	--	--	--	--
05/15/98	35.00	27.37	7.63	--	<50	<0.5	<0.5	<0.5	<0.5	64	--	--
05/15/98	35.00	27.37	7.63	Confirmation run	--	--	--	--	--	26	--	--
08/12/98	35.00	26.25	8.75	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-3												
12/08/87	36.17	23.86	12.31	--	--	--	--	--	--	--	--	--
05/23/88	36.17	25.35	10.82	--	--	--	--	--	--	--	--	--
06/07/88	36.17	24.07	12.10	--	<1000	6.3	13	23	220	--	--	--
08/05/88	36.17	23.13	13.04	--	--	--	--	--	--	--	--	--
09/08/88	36.17	22.76	13.41	--	2000	1.2	<1.0	38	100	--	<0.1	<0.1
12/06/88	36.17	22.67	13.50	--	3000	10	<10	250	740	--	<10	<10
03/14/89	36.17	24.02	12.15	--	600	1.4	<0.5	8.7	17	--	--	--
06/13/89	36.17	23.77	12.40	--	10,000	9.0	6.0	290	530	--	--	--
09/13/89	36.17	22.49	13.68	--	8100	4.0	3.0	86	210	--	--	--
12/13/89	36.17	22.59	13.58	--	2600	20	<0.3	91	170	--	--	--
03/13/90	36.17	23.48	12.69	--	4200	17	<0.3	130	200	--	--	--
10/11/90	36.17	22.06	14.11	--	9800	3.0	28	380	640	--	--	--
10/11/90	36.17	22.06	14.11	--	9800	<3.0	12	430	720	--	--	--
04/05/91	36.17	24.52	11.65	--	120,000	<60	200	630	970	--	--	--
04/05/91	36.17	24.52	11.65	--	96,000	<15	92	420	570	--	--	--
10/30/91	36.17	21.81	14.36	--	5100	<0.5	8.8	66	73	--	--	--
04/23/92	36.17	24.93	11.24	--	590	<0.5	1.6	1.1	0.6	--	--	--
07/20/92	36.17	23.79	12.38	--	2100	12	3.5	25	21	--	--	--
10/30/92	36.17	22.49	13.68	--	2900	8.1	8.0	23	20	--	--	--
01/20/93	36.17	26.01	10.16	--	420	42	3.8	3.1	2.3	--	--	--
04/30/93	36.17	26.53	9.64	--	340	1.7	0.9	<0.5	<1.5	--	--	--
08/06/93	36.17	25.12	11.05	--	3000	<1.0	8.8	7.7	6.1	--	--	--
10/22/93	36.17	24.31	11.86	--	3000	3.6	3.4	<0.5	6.2	--	--	--
01/25/94	36.17	24.51	11.66	--	5600	8.2	15	18	34	--	--	--
04/05/94	36.17	25.35	10.82	--	1700	50	32	24	31	--	--	--
07/01/94	36.17	24.74	11.43	--	3800	1.3	16	12	20	--	--	--
02/13/95	36.17	26.84	9.33	--	1700	<2.5	<2.5	4.0	5.4	--	--	--
05/10/95	36.17	26.91	9.26	--	20,000	<5.0	<5.0	<5.0	<5.0	--	--	--
08/02/95	36.17	25.97	10.20	--	1700	<10	<10	<10	<10	--	--	--
05/08/96	36.17	26.64	9.53	--	720	<1.0	1.8	1.3	2.0	52	--	--
11/07/96	36.17	24.73	11.44	--	1400	<1.2	<1.2	<1.2	6.9	7.9	--	--
05/07/97	36.17	26.80	9.37	--	1500	9.7	<2.0	3.7	<2.0	<10	--	--
11/04/97	36.17	24.42	11.75	--	1300	16	7.4	<2.0	3.6	21	--	--
05/15/98	36.17	27.42	8.75	--	400	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	36.17	26.32	9.85	--	320	<0.5	2.1	<0.5	<0.5	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-4												
12/08/87	36.05	24.33	11.72	--	--	--	--	--	--	--	--	--
05/23/88	36.05	24.44	11.61	--	--	--	--	--	--	--	--	--
06/08/88	36.05	24.11	11.94	--	<1000	<0.5	31	1.0	1.1	--	--	--
08/05/88	36.05	23.25	12.80	--	--	--	--	--	--	--	--	--
09/08/88	36.05	22.86	13.19	--	1300	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
12/06/88	36.05	22.74	13.31	--	100	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
03/14/89	36.05	24.17	11.88	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	36.05	23.86	12.19	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	36.05	22.56	13.49	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
12/13/89	36.05	22.72	13.33	--	140	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	36.05	24.56	11.49	--	210	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	36.05	22.12	13.93	--	370	<0.5	2.8	1.9	3.9	--	--	--
04/05/91	36.05	24.63	11.42	--	790	<0.5	1.6	1.6	2.3	--	--	--
10/30/91	36.05	21.62	14.43	--	510	<0.5	0.5	<0.5	<0.5	--	--	--
04/23/92	36.05	25.12	10.93	--	880	6.6	7.0	5.9	11	--	--	--
07/20/92	36.05	23.91	12.14	--	500	<0.5	1.2	0.6	2.2	--	--	--
10/30/92	36.05	22.60	13.45	--	750	<0.5	1.4	6.0	21	--	--	--
01/20/93	36.05	26.29	9.76	--	280	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	36.05	26.86	9.19	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
08/06/93	36.05	25.37	10.68	--	580	<1.0	12	<1.0	<3.0	--	--	--
10/22/93	36.05	24.51	11.54	--	<50	<0.5	0.6	<0.5	<1.5	--	--	--
01/25/94	36.05	24.68	11.37	--	1200	2.0	5.4	5.5	8.2	--	--	--
04/05/94	36.05	25.54	10.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	36.05	24.91	11.14	--	350	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	36.05	27.10	8.95	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	36.05	27.19	8.86	--	--	--	--	--	--	--	--	--
08/02/95	36.05	26.15	9.90	--	130	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	36.05	26.95	9.10	--	<50	<0.5	0.63	<0.5	<0.5	7.5	--	--
11/07/96	36.05	25.27	10.78	--	--	--	--	--	--	--	--	--
05/07/97	36.05	27.07	8.98	--	120	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/04/97	36.05	24.58	11.47	--	--	--	--	--	--	--	--	--
05/15/98	36.05	27.78	8.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	36.05	26.65	9.40	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-5												
12/08/87	35.65	23.61	12.04	--	--	--	--	--	--	--	--	--
05/23/88	35.65	24.26	11.39	--	--	--	--	--	--	--	--	--
06/08/88	35.65	24.17	11.48	--	<1000	<0.5	5.0	2.0	5.5	--	--	--
08/05/88	35.65	23.23	12.42	--	--	--	--	--	--	--	--	--
09/08/88	35.65	22.86	12.79	--	340	<0.1	<1.0	<1.0	<1.0	--	0.2	<0.1
12/06/88	35.65	22.69	12.96	--	<100	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
03/14/89	35.65	24.07	11.58	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.65	23.85	11.80	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	35.65	22.54	13.11	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
12/13/89	35.65	22.35	13.30	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.65	23.53	12.12	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.65	22.09	13.56	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--
04/05/91	35.65	24.56	11.09	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/91	35.65	21.53	14.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.65	25.07	10.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	35.65	23.87	11.78	--	<50	<0.5	<0.5	<0.5	0.7	--	--	--
10/30/92	35.65	22.57	13.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.65	27.21	8.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	35.65	26.80	8.85	--	<50	<0.5	0.5	<0.5	<1.5	--	--	--
08/06/93	35.65	25.30	10.35	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
10/22/93	35.65	24.46	11.19	--	<50	0.9	<0.5	<0.5	<1.5	--	--	--
01/25/94	35.65	24.63	11.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/94	35.65	25.50	10.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	35.65	24.86	10.79	--	110	<0.5	1.0	<0.5	0.8	--	--	--
02/13/95	35.65	26.99	8.66	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.65	27.15	8.50	--	--	--	--	--	--	--	--	--
08/02/95	35.65	26.17	9.48	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	35.65	26.85	8.80	--	<50	<0.5	0.63	<0.5	<0.5	7.1	--	--
11/07/96	35.65	25.47	10.18	--	--	--	--	--	--	--	--	--
05/07/97	35.65	26.79	8.86	--	<50	<0.5	0.63	<0.5	<0.5	<2.5	--	--
11/04/97	35.65	24.48	11.17	--	--	--	--	--	--	--	--	--
05/15/98	35.65	27.73	7.92	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.65	26.60	9.05	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-6												
06/08/88	36.92	24.02	12.90	--	<1000	<0.5	6.0	11	30	--	--	--
08/05/88	36.92	23.16	13.76	--	--	--	--	--	--	--	--	--
09/08/88	36.92	22.79	14.13	--	1200	0.6	<1.0	95	16	--	0.3	<0.1
12/06/88	36.92	22.64	14.28	--	600	0.7	<1.0	6.0	9.0	--	<0.1	<0.1
03/14/89	36.92	24.01	12.91	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	36.92	23.89	13.03	--	2000	<0.5	0.9	3.0	5.0	--	--	--
09/13/89	36.92	22.57	14.35	--	2300	1.0	3.0	0.9	3.0	--	--	--
12/13/89	36.92	22.53	14.39	--	870	5.0	1.0	2.0	1.0	--	--	--
03/13/90	36.92	23.16	13.76	--	1000	1.0	<0.3	1.0	1.0	--	--	--
10/11/90	36.92	22.04	14.88	--	370	<0.5	1.1	0.6	0.8	--	--	--
04/05/91	36.92	24.54	12.38	--	520	<0.5	1.0	1.0	<0.5	--	--	--
10/30/91	36.92	21.83	15.09	--	760	<0.5	1.6	0.9	<0.5	--	--	--
04/23/92	36.92	24.93	11.99	--	1000	30	22	7.4	32	--	--	--
07/20/92	36.92	23.78	13.14	--	400	<0.5	0.6	<0.5	0.5	--	--	--
10/30/92	36.92	22.47	14.45	--	420	2.3	1.3	<0.5	<0.5	--	--	--
01/20/93	36.92	26.12	10.80	--	580	4.3	0.7	1.1	0.8	--	--	--
04/30/93	36.92	26.56	10.36	--	750	<0.5	1.5	0.7	<1.5	--	--	--
08/06/93	36.92	25.17	11.75	--	1200	<0.5	2.9	0.6	<0.9	--	--	--
10/22/93	36.92	24.32	12.60	--	1100	8.7	1.1	0.6	<1.5	--	--	--
01/25/94	36.92	24.51	12.41	--	730	5.3	3.4	1.2	2.2	--	--	--
04/05/94	36.92	25.38	11.54	--	450	10	3.3	0.6	0.6	--	--	--
07/01/94	36.92	24.72	12.20	--	1000	1.6	6.6	0.8	1.8	--	--	--
02/13/95	36.92	26.72	10.20	--	870	<1.0	<1.0	<1.0	<1.0	--	--	--
05/10/95	36.92	26.88	10.04	--	690	<0.5	<0.5	<0.5	<0.5	--	--	--
08/02/95	36.92	26.02	10.90	--	1200	<2.0	<2.0	<2.0	<2.0	--	--	--
05/08/96	36.92	26.64	10.28	--	700	<5.0	<5.0	<5.0	<5.0	<25	--	--
11/07/96	36.92	25.64	11.28	--	450	5.5	<0.5	<0.5	<0.5	<2.5	--	--
05/07/97	36.92	26.44	10.48	--	1700	24.0	4.4	<1.0	<1.0	6	--	--
11/04/97	36.92	24.50	12.42	--	1400	<2.0	<2.0	<2.0	<2.0	15	--	--
05/15/98	36.92	27.47	9.45	--	1000	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	36.92	26.32	10.60	--	690	<0.5	<0.5	0.60	1.8	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-7												
06/08/88	35.71	24.05	11.66	--	<1000	<0.5	0.8	<0.5	<0.5	--	--	--
08/05/88	35.71	23.20	12.51	--	--	--	--	--	--	--	--	--
09/08/88	35.71	22.83	12.88	--	80	<0.1	<1.0	<1.0	<1.0	--	0.2	<0.1
12/06/88	35.71	22.65	13.06	--	<50	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
03/14/89	35.71	23.97	11.74	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.71	23.84	11.87	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	35.71	--	--	--	--	--	--	--	--	--	--	--
12/13/89	35.71	22.61	13.10	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.71	23.50	12.21	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.71	22.03	13.68	--	66	<0.5	0.8	1.5	3.0	--	--	--
04/05/91	35.71	24.44	11.27	--	260	0.6	0.9	0.7	1.1	--	--	--
10/30/91	35.71	21.61	14.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.71	24.97	10.74	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	35.71	23.82	11.89	--	<50	<0.5	<0.5	<0.5	0.7	--	--	--
10/30/92	35.71	22.51	13.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.71	26.13	9.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	35.71	26.67	9.04	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
08/06/93	35.71	25.26	10.45	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
10/22/93	35.71	24.37	11.34	--	<50	<0.5	0.7	<0.5	<1.5	--	--	--
01/25/94	35.71	24.57	11.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/94	35.71	25.46	10.25	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	35.71	25.04	10.67	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	35.71	27.00	8.71	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.71	27.04	8.67	--	--	--	--	--	--	--	--	--
08/02/95	35.71	26.05	9.66	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	35.71	26.79	8.92	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/07/96	35.71	25.35	10.36	--	--	--	--	--	--	--	--	--
05/07/97	35.71	26.50	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/04/97	35.71	24.70	11.01	--	--	--	--	--	--	--	--	--
05/15/98	35.71	27.60	8.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.71	26.46	9.25	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-8												
06/08/88	35.28	23.96	11.32	--	<1000	<0.5	<0.5	<0.5	<0.5	--	--	--
08/05/88	35.28	23.12	12.16	--	--	--	--	--	--	--	--	--
09/08/88	35.28	22.76	12.52	--	<50	<0.1	<1.0	<1.0	<1.0	--	0.1	<0.1
12/05/88	35.28	22.59	12.69	--	<50	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
03/14/89	35.28	23.85	11.43	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.28	23.78	11.50	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	35.28	--	--	--	--	--	--	--	--	--	--	--
12/13/89	35.28	22.56	12.72	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.28	23.45	11.83	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.28	21.97	13.31	--	<50	<0.5	<0.5	<0.5	0.5	--	--	--
04/05/91	35.28	24.38	10.90	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/91	35.28	21.72	13.56	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.28	24.86	10.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	35.28	23.74	11.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/92	35.28	22.44	12.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.28	25.88	9.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	35.28	26.44	8.84	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
08/06/93	35.28	25.11	10.17	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
10/22/93	35.28	24.24	11.04	--	<50	<0.5	0.7	<0.5	<1.5	--	--	--
01/25/94	35.28	24.47	10.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/94	35.28	25.34	9.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	35.28	24.36	10.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	35.28	26.75	8.53	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.28	--	--	Inaccessible	--	--	--	--	--	--	--	--
06/06/95	35.28	26.52	8.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/02/95	35.28	25.90	9.38	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	35.28	26.58	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/07/96	35.28	25.05	10.23	--	--	--	--	--	--	--	--	--
05/07/97	35.28	26.54	8.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/04/97	35.28	24.65	10.63	--	--	--	--	--	--	--	--	--
05/15/98	35.28	27.30	7.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.28	26.28	9.00	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-A												
05/10/95	--	--	9.08	--	210	<0.5	<0.5	<0.5	<0.5	--	--	--
08/04/95	--	--	10.02	--	220	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	9.50	--	78	<0.5	<0.5	<0.5	<0.5	2.5	--	--
11/07/96	--	--	11.14	--	480	3.5	<0.5	3.1	1.3	<2.5	--	--
05/07/97	--	--	9.54	--	18	1.1	<0.5	<0.5	0.60	<2.5	--	--
11/04/97	--	--	11.45	--	230	1.6	1.0	<0.5	0.70	4.1	--	--
05/15/98	--	--	8.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	--	--	9.60	--	180	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
TRIP BLANK												
06/07/88	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
12/05/88	--	--	--	--	<50	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
03/14/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
12/13/89	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.5	--	--	--
03/13/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/06/93	--	--	--	--	<50	<0.5	0.5	<0.5	<1.5	--	--	--
10/22/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
01/25/94	--	--	--	--	<50	<0.5	1.1	<0.5	<1.5	--	--	--
04/05/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/10/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/02/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/07/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
05/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/15/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/12/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
					<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994. Earlier field data and analytical results are drawn from the August 5, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons
 MTBE = Methyl t-butyl ether
 EDC = 1,2-Dichloroethane
 EDB = Ethylene dibromide

COMPANY: CHEIRON U.S.A. JOB #: OM - 5054
 LOCATION: 15002 HESPERIAN Blvd DATE: 7-11-83
 CITY: San Leandro, CA WELL #: 5

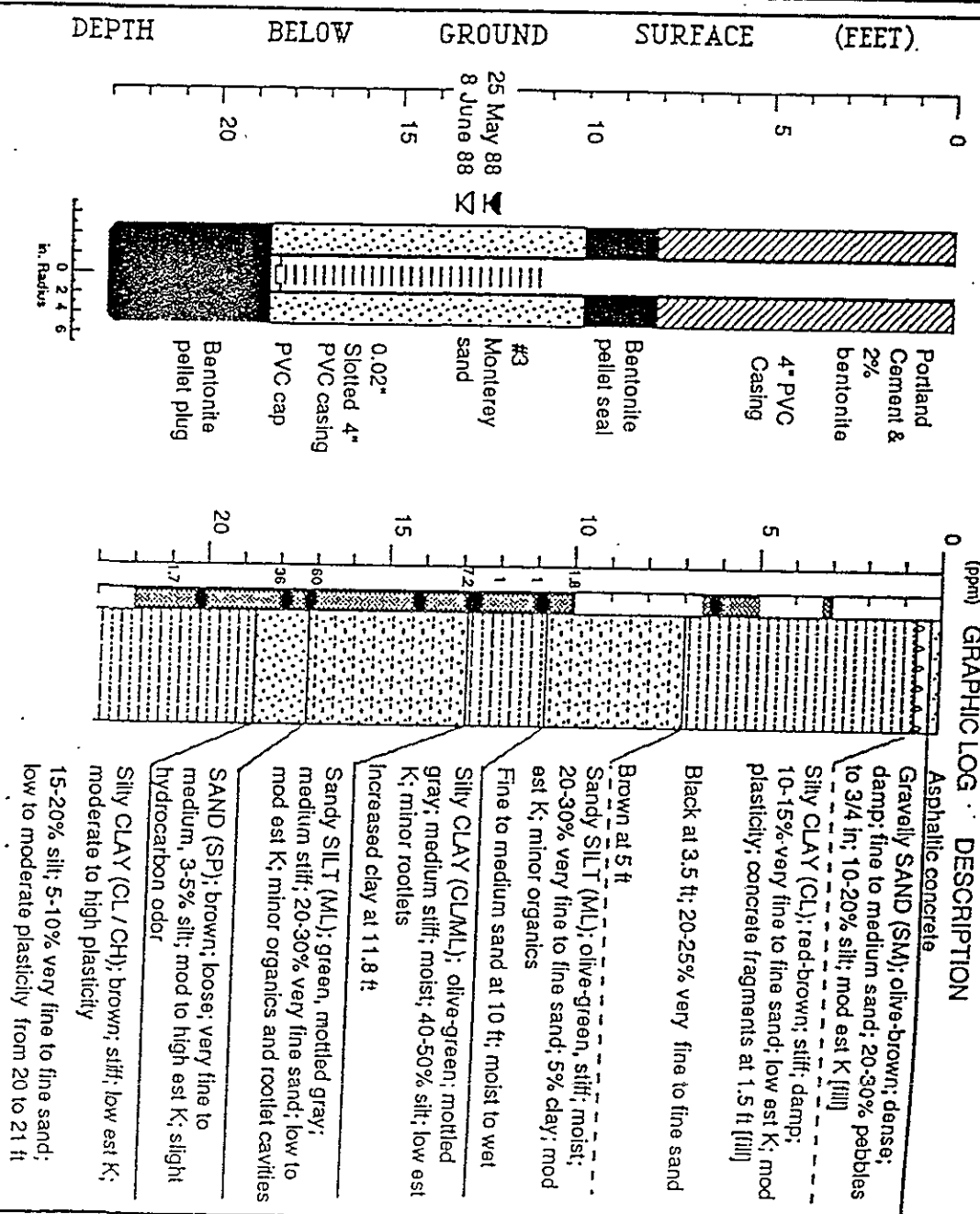
DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		" " " "
3"		" " " " A. C. PAVING
10"		AGGREGATE
4'		Dark Brown Silty Clay - Dry
13'		Brown Clay - Damp - VAPOR
		Brown Clay - WET.
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "
		" " " "

FOREMAN: David Byers SHEET: 1 OF: 1



B-6 / MW-6

PD GRAPHIC LOG DESCRIPTION (ppm)

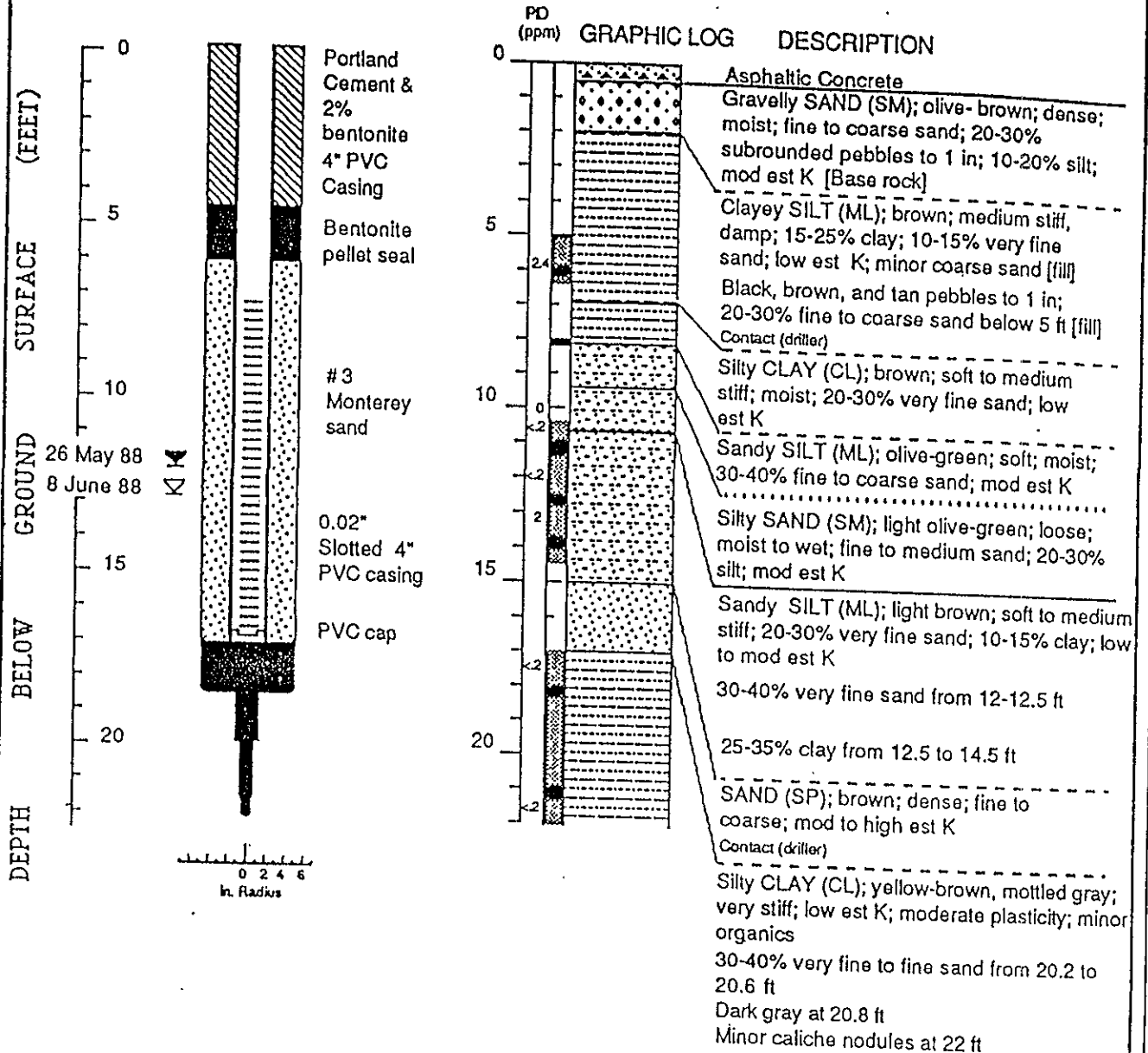


EXPLANATION

- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approx.)
- Uncertain contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Grab sample
- K = Estimated permeability (hydraulic conductivity)

Logged by: Bob Agnew
 Supervisor: Richard Weiss; EG 1112
 Drilling Company: Darum Exploration, Pittsburg, CA
 Driller: Anthony Schonberger
 Drilling Method: Hollow stem auger
 Dates Drilled: 25 May 88
 Well Head Completion: Locking cap with traffic rated vault
 Type of sampler: Split barrel (1.5, 2, 2.5 in ID)

B-7 / MW-7

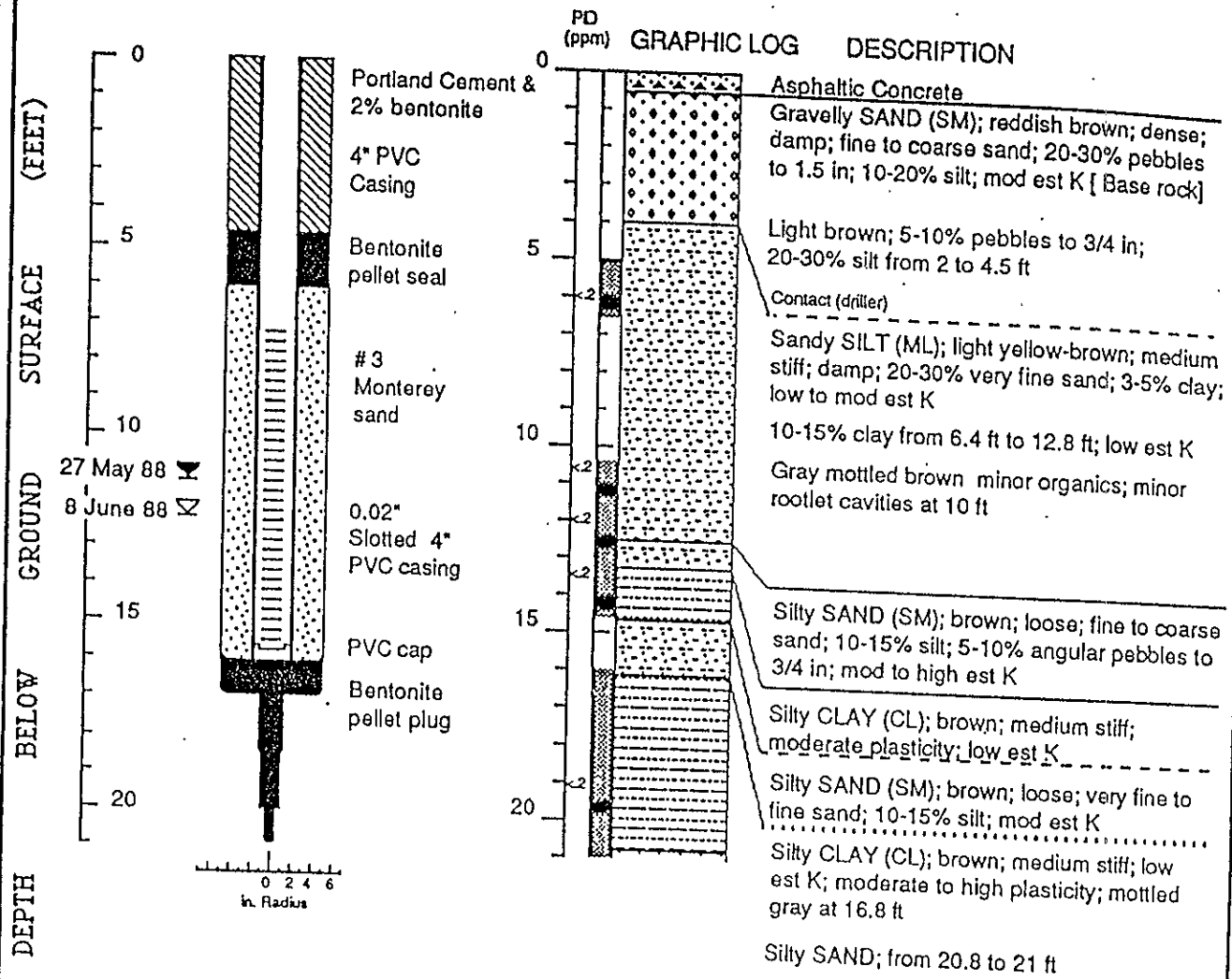


EXPLANATION









- ☒ Water level during drilling (date)
- ☒ Water level (date)
- Contact (dotted where approx.)
- - - - - Uncertain contact
- Gradational contact
- ▣ Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- ☒ Grab sample
- K = Estimated permeability (hydraulic conductivity)

Logged by: Bob Agnew
 Supervisor: Richard Weiss; EG 1112
 Drilling Company: Datum Exploration, Pittsburg, CA
 Driller: Anthony Schonberger
 Drilling Method: Hollow stem auger
 Dates Drilled: 26 May 88
 Well Head Completion: Locking cap with traffic rated vault
 Type of sampler: Split barrel (1.5, 2, 2.5 in ID)

B-8 / MW-8



EXPLANATION

-  Water level during drilling (date)
-  Water level (date)
-  Contact (dotted where approx.)
-  Uncertain contact
-  Gradational contact
-  Location of recovered drive sample
-  Location of drive sample sealed for chemical analysis
-  Grab sample
- K** = Estimated permeability (hydraulic conductivity)

Logged by: Bob Agnew
 Supervisor: Richard Weiss; EG 1112
 Drilling Company: Danum Exploration, Pittsburg, CA
 Driller: Anthony Schonberger
 Drilling Method: Hollow stem auger
 Dates Drilled: 27 May 88
 Well Head Completion: Locking cap with traffic rated manhole
 Type of sampler: Split barrel (1.5, 2, 2.5 in ID)

C A M B R I A



ATTACHMENT C

Soil Analytic Tables

TABLE 1. Analytic Results for Soil, Chevron Service Station #92013, San Leandro, California

Sample ID	Date Sampled	Saturated/Unsaturated	Sample Depth (ft)	Analytic Results (ppm)				
				TFHC	B	E	T	X
B-6	25 May 88	Unsat	6.0	<10	<0.3	<0.3	<0.3	<0.3
	25 May 88	Unsat	11.7	NA	NA	NA	NA	NA
	25 May 88	Sat	12.5	<10	<0.3	<0.3	<0.3	<0.3
	25 May 88	Sat	14.0	NA	NA	NA	NA	NA
	25 May 88	Sat	17.0	NA	NA	NA	NA	NA
	25 May 88	Sat	17.8	<10	<0.3	<0.3	<0.3	<0.3
	25 May 88	Sat	20.0	<10	<0.3	<0.3	<0.3	<0.3
B-7	26 May 88	Unsat	6.0	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Unsat	11.0	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Sat	12.5	NA	NA	NA	NA	NA
	26 May 88	Sat	13.7	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Sat	18.0	<10	<0.3	<0.3	<0.3	<0.3
	26 May 88	Sat	21.0	NA	NA	NA	NA	NA
B-8	27 May 88	Unsat	6.0	<10	<0.3	<0.3	<0.3	<0.3
	27 May 88	Unsat	11.0	<10	<0.3	<0.3	<0.3	<0.3
	27 May 88	Sat	14.0	<10	<0.3	<0.3	<0.3	<0.3
	27 May 88	Sat	19.5	<10	<0.3	<0.3	<0.3	<0.3

ABBREVIATIONS

NA = Not Analyzed

TFHC = Total Fuel Hydrocarbons

B = Benzene

EB = Ethylbenzene

T = Toluene

X = Xylenes

C A M B R I A



ATTACHMENT D

Ground Water Analytic Tables

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Notes	Analytical results are in parts per billion (ppb)							
	Head Elev.	Water Elev.	To Water		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-1												
12/08/87	35.77	23.84	11.93	--	--	--	--	--	--	--	--	--
05/23/88	35.77	24.23	11.54	--	--	--	--	--	--	--	--	--
06/07/88	35.77	24.10	11.67	--	<1000	7.0	4.6	1.1	20	--	--	--
08/05/88	35.77	23.18	12.59	--	--	--	--	--	--	--	--	--
09/08/88	35.77	22.81	12.96	--	600	0.91	<1.0	7.0	18	--	0.2	<0.1
12/05/88	35.77	22.69	13.08	--	2200	16	5.0	150	250	--	<1.0	<1.0
12/05/88	35.77	22.69	13.08	--	2700	16	5.0	170	330	--	<1.0	<1.0
03/14/89	35.77	24.11	11.66	--	3900	11	2.1	66	150	--	--	--
06/13/89	35.77	23.82	11.95	--	3000	2.0	1.0	23	51	--	--	--
09/13/89	35.77	22.55	13.22	--	1400	0.8	2.0	6.0	9.0	--	--	--
12/13/89	35.77	22.59	13.18	--	870	4.0	2.0	7.0	14	--	--	--
03/13/90	35.77	23.49	12.28	--	870	1.0	<0.3	7.0	13	--	--	--
10/11/90	35.77	22.06	13.71	--	2100	4.5	4.3	19	84	--	--	--
04/05/91	35.77	24.49	11.28	--	6000	19	12	86	130	--	--	--
10/30/91	35.77	21.77	14.00	--	3800	360	31	18	17	--	--	--
04/23/92	35.77	24.98	10.79	--	320	30	1.4	1.6	1.7	--	--	--
07/20/92	35.77	23.82	11.95	--	1100	25	4.4	3.6	4.9	--	--	--
10/30/92	35.77	22.53	13.24	--	1300	6.0	8.0	4.2	7.0	--	--	--
01/20/93	35.77	26.07	9.70	--	1000	7.7	3.1	4.9	7.2	--	--	--
04/30/93	35.77	26.64	9.13	--	960	1.8	4.3	4.1	6.8	--	--	--
08/06/93	35.77	25.22	10.55	--	950	<1.0	1.9	2.2	1.9	--	--	--
10/22/93	35.77	24.39	11.38	--	920	1.4	1.3	0.7	6.0	--	--	--
01/25/94	35.77	24.63	11.14	--	6000	<2.5	12	18	60	--	--	--
04/05/94	35.77	25.43	10.34	--	480	1.5	5.3	5.5	7.9	--	--	--
07/01/94	35.77	24.81	10.96	--	1000	0.9	8.5	9.7	29	--	--	--
02/13/95	35.77	--	--	Inaccessible	--	--	--	--	--	--	--	--
05/10/95	35.77	27.01	8.76	--	270	0.72	2.0	1.3	4.3	--	--	--
08/02/95	35.77	26.06	9.71	--	310	2.0	<1.2	5.4	6.2	--	--	--
05/08/96	35.77	26.77	9.00	--	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	--
11/07/96	35.77	25.01	10.76	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
05/07/97	35.77	26.53	9.24	--	190	0.6	<0.5	1.6	<0.5	<2.5	--	--
11/04/97	35.77	24.42	11.35	--	81	<0.5	<0.5	<0.5	<0.5	16	--	--
05/15/98	35.77	27.66	8.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.77	26.42	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-2												
12/08/87	35.00	24.21	10.79	--	--	--	--	--	--	--	--	--
05/23/88	35.00	24.20	10.80	--	--	--	--	--	--	--	--	--
06/07/88	35.00	24.07	10.93	--	<1000	52	5.8	13	12	--	--	--
08/05/88	35.00	23.14	11.86	--	--	--	--	--	--	--	--	--
09/08/88	35.00	22.74	12.26	--	600	1.0	<10	<10	<10	--	<1.0	<1.0
09/08/88	35.00	22.74	12.26	--	400	1.3	<1.0	<1.0	<1.0	--	<0.1	<0.1
12/05/88	35.00	22.63	12.37	--	<100	<0.5	<1.0	2.0	<1.0	--	<1.0	<1.0
03/14/89	35.00	24.00	11.00	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.00	23.78	11.22	--	<500	0.7	<0.5	2.0	3.0	--	--	--
09/13/89	35.00	22.47	12.53	--	<500	0.5	1.0	<0.5	0.8	--	--	--
12/13/89	35.00	22.55	12.45	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.00	23.47	11.53	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.00	22.05	12.95	--	<50	<0.5	0.6	0.7	1.1	--	--	--
04/05/91	35.00	24.48	10.52	--	160	1.3	<0.5	0.7	0.8	--	--	--
10/30/91	35.00	21.38	13.62	--	69	3.0	<0.5	<0.5	<0.5	--	--	--
10/30/91	35.00	21.38	13.62	--	81	7.4	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.00	24.92	10.08	--	250	53	29	3.5	11	--	--	--
07/20/92	35.00	23.78	11.22	--	690	94	6.6	5.5	4.7	--	--	--
10/30/92	35.00	22.48	12.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.00	26.00	9.00	--	780	<0.5	1.7	12	10	--	--	--
04/30/93	35.00	26.51	8.49	--	720	8.7	1.8	4.7	5.1	--	--	--
08/06/93	35.00	25.08	9.92	--	780	2.4	1.2	2.6	3.4	--	--	--
10/22/93	35.00	24.30	10.70	--	1700	38	53	11	80	--	--	--
01/25/94	35.00	24.52	10.48	--	600	1.1	1.9	2.4	3.7	--	--	--
04/05/94	35.00	25.35	9.65	--	970	6.0	<0.5	4.5	8.2	--	--	--
07/01/94	35.00	24.73	10.27	--	940	4.0	5.0	4.9	13	--	--	--
02/13/95	35.00	26.76	8.24	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.00	26.85	8.15	--	--	--	--	--	--	--	--	--
08/02/95	35.00	25.92	9.08	--	260	<1.0	<1.0	<1.0	1.2	--	--	--
05/08/96	35.00	26.59	8.41	--	120	<0.5	<0.5	<0.5	<0.5	4.6	--	--
11/07/96	35.00	24.92	10.08	--	--	--	--	--	--	--	--	--
05/07/97	35.00	26.95	8.05	--	160	<0.5	<0.5	<0.5	<0.5	9.3	--	--
11/04/97	35.00	24.30	10.70	--	--	--	--	--	--	--	--	--
05/15/98	35.00	27.37	7.63	--	<50	<0.5	<0.5	<0.5	<0.5	64	--	--
05/15/98	35.00	27.37	7.63	Confirmation run	--	--	--	--	--	26	--	--
08/12/98	35.00	26.25	8.75	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-3												
12/08/87	36.17	23.86	12.31	--	--	--	--	--	--	--	--	--
05/23/88	36.17	25.35	10.82	--	--	--	--	--	--	--	--	--
06/07/88	36.17	24.07	12.10	--	<1000	6.3	13	23	220	--	--	--
08/05/88	36.17	23.13	13.04	--	--	--	--	--	--	--	--	--
09/08/88	36.17	22.76	13.41	--	2000	1.2	<1.0	38	100	--	<0.1	<0.1
12/06/88	36.17	22.67	13.50	--	3000	10	<10	250	740	--	<10	<10
03/14/89	36.17	24.02	12.15	--	600	1.4	<0.5	8.7	17	--	--	--
06/13/89	36.17	23.77	12.40	--	10,000	9.0	6.0	290	530	--	--	--
09/13/89	36.17	22.49	13.68	--	8100	4.0	3.0	86	210	--	--	--
12/13/89	36.17	22.59	13.58	--	2600	20	<0.3	91	170	--	--	--
03/13/90	36.17	23.48	12.69	--	4200	17	<0.3	130	200	--	--	--
10/11/90	36.17	22.06	14.11	--	9800	3.0	28	380	640	--	--	--
10/11/90	36.17	22.06	14.11	--	9800	<3.0	12	430	720	--	--	--
04/05/91	36.17	24.52	11.65	--	120,000	<60	200	630	970	--	--	--
04/05/91	36.17	24.52	11.65	--	96,000	<15	92	420	570	--	--	--
10/30/91	36.17	21.81	14.36	--	5100	<0.5	8.8	66	73	--	--	--
04/23/92	36.17	24.93	11.24	--	590	<0.5	1.6	1.1	0.6	--	--	--
07/20/92	36.17	23.79	12.38	--	2100	12	3.5	25	21	--	--	--
10/30/92	36.17	22.49	13.68	--	2900	8.1	8.0	23	20	--	--	--
01/20/93	36.17	26.01	10.16	--	420	42	3.8	3.1	2.3	--	--	--
04/30/93	36.17	26.53	9.64	--	340	1.7	0.9	<0.5	<1.5	--	--	--
08/06/93	36.17	25.12	11.05	--	3000	<1.0	8.8	7.7	6.1	--	--	--
10/22/93	36.17	24.31	11.86	--	3000	3.6	3.4	<0.5	6.2	--	--	--
01/25/94	36.17	24.51	11.66	--	5600	8.2	15	18	34	--	--	--
04/05/94	36.17	25.35	10.82	--	1700	50	32	24	31	--	--	--
07/01/94	36.17	24.74	11.43	--	3800	1.3	16	12	20	--	--	--
02/13/95	36.17	26.84	9.33	--	1700	<2.5	<2.5	4.0	5.4	--	--	--
05/10/95	36.17	26.91	9.26	--	20,000	<5.0	<5.0	<5.0	<5.0	--	--	--
08/02/95	36.17	25.97	10.20	--	1700	<10	<10	<10	<10	--	--	--
05/08/96	36.17	26.64	9.53	--	720	<1.0	1.8	1.3	2.0	52	--	--
11/07/96	36.17	24.73	11.44	--	1400	<1.2	<1.2	<1.2	6.9	7.9	--	--
05/07/97	36.17	26.80	9.37	--	1500	9.7	<2.0	3.7	<2.0	<10	--	--
11/04/97	36.17	24.42	11.75	--	1300	16	7.4	<2.0	3.6	21	--	--
05/15/98	36.17	27.42	8.75	--	400	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	36.17	26.32	9.85	--	320	<0.5	2.1	<0.5	<0.5	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-4												
12/08/87	36.05	24.33	11.72	--	--	--	--	--	--	--	--	--
05/23/88	36.05	24.44	11.61	--	--	--	--	--	--	--	--	--
06/08/88	36.05	24.11	11.94	--	<1000	<0.5	31	1.0	1.1	--	--	--
08/05/88	36.05	23.25	12.80	--	--	--	--	--	--	--	--	--
09/08/88	36.05	22.86	13.19	--	1300	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
12/06/88	36.05	22.74	13.31	--	100	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
03/14/89	36.05	24.17	11.88	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	36.05	23.86	12.19	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	36.05	22.56	13.49	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
12/13/89	36.05	22.72	13.33	--	140	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	36.05	24.56	11.49	--	210	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	36.05	22.12	13.93	--	370	<0.5	2.8	1.9	3.9	--	--	--
04/05/91	36.05	24.63	11.42	--	790	<0.5	1.6	1.6	2.3	--	--	--
10/30/91	36.05	21.62	14.43	--	510	<0.5	0.5	<0.5	<0.5	--	--	--
04/23/92	36.05	25.12	10.93	--	880	6.6	7.0	5.9	11	--	--	--
07/20/92	36.05	23.91	12.14	--	500	<0.5	1.2	0.6	2.2	--	--	--
10/30/92	36.05	22.60	13.45	--	750	<0.5	1.4	6.0	21	--	--	--
01/20/93	36.05	26.29	9.76	--	280	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	36.05	26.86	9.19	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
08/06/93	36.05	25.37	10.68	--	580	<1.0	12	<1.0	<3.0	--	--	--
10/22/93	36.05	24.51	11.54	--	<50	<0.5	0.6	<0.5	<1.5	--	--	--
01/25/94	36.05	24.68	11.37	--	1200	2.0	5.4	5.5	8.2	--	--	--
04/05/94	36.05	25.54	10.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	36.05	24.91	11.14	--	350	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	36.05	27.10	8.95	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	36.05	27.19	8.86	--	--	--	--	--	--	--	--	--
08/02/95	36.05	26.15	9.90	--	130	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	36.05	26.95	9.10	--	<50	<0.5	0.63	<0.5	<0.5	7.5	--	--
11/07/96	36.05	25.27	10.78	--	--	--	--	--	--	--	--	--
05/07/97	36.05	27.07	8.98	--	120	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/04/97	36.05	24.58	11.47	--	--	--	--	--	--	--	--	--
05/15/98	36.05	27.78	8.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	36.05	26.65	9.40	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-5												
12/08/87	35.65	23.61	12.04	--	--	--	--	--	--	--	--	--
05/23/88	35.65	24.26	11.39	--	--	--	--	--	--	--	--	--
06/08/88	35.65	24.17	11.48	--	<1000	<0.5	5.0	2.0	5.5	--	--	--
08/05/88	35.65	23.23	12.42	--	--	--	--	--	--	--	--	--
09/08/88	35.65	22.86	12.79	--	340	<0.1	<1.0	<1.0	<1.0	--	0.2	<0.1
12/06/88	35.65	22.69	12.96	--	<100	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
03/14/89	35.65	24.07	11.58	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.65	23.85	11.80	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	35.65	22.54	13.11	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
12/13/89	35.65	22.35	13.30	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.65	23.53	12.12	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.65	22.09	13.56	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--
04/05/91	35.65	24.56	11.09	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/91	35.65	21.53	14.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.65	25.07	10.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	35.65	23.87	11.78	--	<50	<0.5	<0.5	<0.5	0.7	--	--	--
10/30/92	35.65	22.57	13.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.65	27.21	8.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	35.65	26.80	8.85	--	<50	<0.5	0.5	<0.5	<1.5	--	--	--
08/06/93	35.65	25.30	10.35	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
10/22/93	35.65	24.46	11.19	--	<50	0.9	<0.5	<0.5	<1.5	--	--	--
01/25/94	35.65	24.63	11.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/94	35.65	25.50	10.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	35.65	24.86	10.79	--	110	<0.5	1.0	<0.5	0.8	--	--	--
02/13/95	35.65	26.99	8.66	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.65	27.15	8.50	--	--	--	--	--	--	--	--	--
08/02/95	35.65	26.17	9.48	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	35.65	26.85	8.80	--	<50	<0.5	0.63	<0.5	<0.5	7.1	--	--
11/07/96	35.65	25.47	10.18	--	--	--	--	--	--	--	--	--
05/07/97	35.65	26.79	8.86	--	<50	<0.5	0.63	<0.5	<0.5	<2.5	--	--
11/04/97	35.65	24.48	11.17	--	--	--	--	--	--	--	--	--
05/15/98	35.65	27.73	7.92	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.65	26.60	9.05	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Notes	Analytical results are in parts per billion (ppb)							
	Head Elev.	Water Elev.	To Water		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-6												
06/08/88	36.92	24.02	12.90	--	<1000	<0.5	6.0	11	30	--	--	--
08/05/88	36.92	23.16	13.76	--	--	--	--	--	--	--	--	--
09/08/88	36.92	22.79	14.13	--	1200	0.6	<1.0	95	16	--	0.3	<0.1
12/06/88	36.92	22.64	14.28	--	600	0.7	<1.0	6.0	9.0	--	<0.1	<0.1
03/14/89	36.92	24.01	12.91	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	36.92	23.89	13.03	--	2000	<0.5	0.9	3.0	5.0	--	--	--
09/13/89	36.92	22.57	14.35	--	2300	1.0	3.0	0.9	3.0	--	--	--
12/13/89	36.92	22.53	14.39	--	870	5.0	1.0	2.0	1.0	--	--	--
03/13/90	36.92	23.16	13.76	--	1000	1.0	<0.3	1.0	1.0	--	--	--
10/11/90	36.92	22.04	14.88	--	370	<0.5	1.1	0.6	0.8	--	--	--
04/05/91	36.92	24.54	12.38	--	520	<0.5	1.0	1.0	<0.5	--	--	--
10/30/91	36.92	21.83	15.09	--	760	<0.5	1.6	0.9	<0.5	--	--	--
04/23/92	36.92	24.93	11.99	--	1000	30	22	7.4	32	--	--	--
07/20/92	36.92	23.78	13.14	--	400	<0.5	0.6	<0.5	0.5	--	--	--
10/30/92	36.92	22.47	14.45	--	420	2.3	1.3	<0.5	<0.5	--	--	--
01/20/93	36.92	26.12	10.80	--	580	4.3	0.7	1.1	0.8	--	--	--
04/30/93	36.92	26.56	10.36	--	750	<0.5	1.5	0.7	<1.5	--	--	--
08/06/93	36.92	25.17	11.75	--	1200	<0.5	2.9	0.6	<0.9	--	--	--
10/22/93	36.92	24.32	12.60	--	1100	8.7	1.1	0.6	<1.5	--	--	--
01/25/94	36.92	24.51	12.41	--	730	5.3	3.4	1.2	2.2	--	--	--
04/05/94	36.92	25.38	11.54	--	450	10	3.3	0.6	0.6	--	--	--
07/01/94	36.92	24.72	12.20	--	1000	1.6	6.6	0.8	1.8	--	--	--
02/13/95	36.92	26.72	10.20	--	870	<1.0	<1.0	<1.0	<1.0	--	--	--
05/10/95	36.92	26.88	10.04	--	690	<0.5	<0.5	<0.5	<0.5	--	--	--
08/02/95	36.92	26.02	10.90	--	1200	<2.0	<2.0	<2.0	<2.0	--	--	--
05/08/96	36.92	26.64	10.28	--	700	<5.0	<5.0	<5.0	<5.0	<25	--	--
11/07/96	36.92	25.64	11.28	--	450	5.5	<0.5	<0.5	<0.5	<2.5	--	--
05/07/97	36.92	26.44	10.48	--	1700	24.0	4.4	<1.0	<1.0	6	--	--
11/04/97	36.92	24.50	12.42	--	1400	<2.0	<2.0	<2.0	<2.0	15	--	--
05/15/98	36.92	27.47	9.45	--	1000	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	36.92	26.32	10.60	--	690	<0.5	<0.5	0.60	1.8	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-7												
06/08/88	35.71	24.05	11.66	--	<1000	<0.5	0.8	<0.5	<0.5	--	--	--
08/05/88	35.71	23.20	12.51	--	--	--	--	--	--	--	--	--
09/08/88	35.71	22.83	12.88	--	80	<0.1	<1.0	<1.0	<1.0	--	0.2	<0.1
12/06/88	35.71	22.65	13.06	--	<50	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
03/14/89	35.71	23.97	11.74	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.71	23.84	11.87	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	35.71	--	--	--	--	--	--	--	--	--	--	--
12/13/89	35.71	22.61	13.10	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.71	23.50	12.21	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.71	22.03	13.68	--	66	<0.5	0.8	1.5	3.0	--	--	--
04/05/91	35.71	24.44	11.27	--	260	0.6	0.9	0.7	1.1	--	--	--
10/30/91	35.71	21.61	14.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.71	24.97	10.74	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	35.71	23.82	11.89	--	<50	<0.5	<0.5	<0.5	0.7	--	--	--
10/30/92	35.71	22.51	13.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.71	26.13	9.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	35.71	26.67	9.04	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
08/06/93	35.71	25.26	10.45	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
10/22/93	35.71	24.37	11.34	--	<50	<0.5	0.7	<0.5	<1.5	--	--	--
01/25/94	35.71	24.57	11.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/94	35.71	25.46	10.25	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	35.71	25.04	10.67	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	35.71	27.00	8.71	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.71	27.04	8.67	--	--	--	--	--	--	--	--	--
08/02/95	35.71	26.05	9.66	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	35.71	26.79	8.92	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/07/96	35.71	25.35	10.36	--	--	--	--	--	--	--	--	--
05/07/97	35.71	26.50	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/04/97	35.71	24.70	11.01	--	--	--	--	--	--	--	--	--
05/15/98	35.71	27.60	8.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.71	26.46	9.25	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-8												
06/08/88	35.28	23.96	11.32	--	<1000	<0.5	<0.5	<0.5	<0.5	--	--	--
08/05/88	35.28	23.12	12.16	--	--	--	--	--	--	--	--	--
09/08/88	35.28	22.76	12.52	--	<50	<0.1	<1.0	<1.0	<1.0	--	0.1	<0.1
12/05/88	35.28	22.59	12.69	--	<50	<0.1	<1.0	<1.0	<1.0	--	<0.1	<0.1
03/14/89	35.28	23.85	11.43	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
06/13/89	35.28	23.78	11.50	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/89	35.28	--	--	--	--	--	--	--	--	--	--	--
12/13/89	35.28	22.56	12.72	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	35.28	23.45	11.83	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
10/11/90	35.28	21.97	13.31	--	<50	<0.5	<0.5	<0.5	0.5	--	--	--
04/05/91	35.28	24.38	10.90	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/91	35.28	21.72	13.56	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	35.28	24.86	10.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	35.28	23.74	11.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/92	35.28	22.44	12.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	35.28	25.88	9.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	35.28	26.44	8.84	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
08/06/93	35.28	25.11	10.17	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
10/22/93	35.28	24.24	11.04	--	<50	<0.5	0.7	<0.5	<1.5	--	--	--
01/25/94	35.28	24.47	10.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/94	35.28	25.34	9.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	35.28	24.36	10.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	35.28	26.75	8.53	Sampled annually	--	--	--	--	--	--	--	--
05/10/95	35.28	--	--	Inaccessible	--	--	--	--	--	--	--	--
06/06/95	35.28	26.52	8.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/02/95	35.28	25.90	9.38	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	35.28	26.58	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/07/96	35.28	25.05	10.23	--	--	--	--	--	--	--	--	--
05/07/97	35.28	26.54	8.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
11/04/97	35.28	24.65	10.63	--	--	--	--	--	--	--	--	--
05/15/98	35.28	27.30	7.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/12/98	35.28	26.28	9.00	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
MW-A												
05/10/95	--	--	9.08	--								
08/04/95	--	--	10.02	--	210	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	9.50	--	220	<0.5	<0.5	<0.5	<0.5	--	--	--
11/07/96	--	--	11.14	--	78	<0.5	<0.5	<0.5	<0.5	2.5	--	--
05/07/97	--	--	9.54	--	480	3.5	<0.5	3.1	1.3	<2.5	--	--
11/04/97	--	--	11.45	--	18	1.1	<0.5	<0.5	0.60	<2.5	--	--
05/15/98	--	--	8.51	--	230	1.6	1.0	<0.5	0.70	4.1	--	--
08/12/98	--	--	9.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
					180	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	EDC	EDB
TRIP BLANK												
06/07/88	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
12/05/88	--	--	--	--	<50	<0.1	<1.0	<1.0	<1.0	--	--	--
03/14/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	<0.1	<0.1
09/13/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--	--
12/13/89	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--
03/13/90	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.5	--	--	--
10/11/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/05/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/20/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/20/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/06/93	--	--	--	--	<50	<0.5	0.5	<0.5	<1.5	--	--	--
10/22/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
01/25/94	--	--	--	--	<50	<0.5	1.1	<0.5	<1.5	--	--	--
04/05/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
07/01/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/13/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/10/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/02/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/07/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
05/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/15/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/12/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
					<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994. Earlier field data and analytical results are drawn from the August 5, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

- TPH = Total Petroleum Hydrocarbons
- MTBE = Methyl t-butyl ether
- EDC = 1,2-Dichloroethane
- EDB = Ethylene dibromide