



**PHASE II ENVIRONMENTAL SITE
ASSESSMENT**

17475 Gale Avenue

Industry, California

Confidential Business Information

Prepared for

**Industry Urban-Development Agency
15660 East Stafford Street
City of Industry, California 91744**

December 2005

Prepared by

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EXECUTIVE SUMMARY

A Phase II Environmental Site Assessment (ESA) was completed at the 17475 Gale Avenue, (Site) Industry, California on July 24, 2003. The Phase II ESA was completed by MWH Americas, Inc. (MWH) for Richards, Watson, and Gershon on behalf of the City of Industry Urban-Development Agency (IUDA). The objective of the assessment was to evaluate the presence of volatile organic compounds (VOC) and total petroleum hydrocarbon (TPH) concentrations as suggested by the existing data collected by other investigators which formed the basis for the closure letter from the Regional Water Quality Control Board, Los Angeles Region (RWQCB) relating to the Well Investigation Program (chlorinated solvent contamination), and the Los Angeles County Fire Department (heavy-end hydrocarbon contamination in the area of the former compressors) following minor remedial excavation and off site disposal.

Ten (10) soil borings were each advanced to a depth of 20 feet below ground surface (bgs). Soil samples were collected at 5-foot intervals and prepared for laboratory analysis. Split soil samples were screened with a photoionization detector (PID) and their measurements documented on boring logs (Appendix A). Samples from the 5, 10, 15 and 20 foot intervals were retained for laboratory analysis. The 15 and 20-foot interval samples were placed on hold at the laboratory.

The soil samples collected at 5 and 10-foot bgs from each boring were analyzed for VOCs. The samples from four borings were additionally tested for TPH, and the samples from 5-foot bgs from all borings were screened for Title 22 metals.

The VOCs, toluene and trichloroethene, were detected in two soil samples. The detected concentrations in the samples from borings DP-3 and DP-5 were below United States Environmental Protection Agency (USEPA) Region IX Residential Preliminary Remediation Goals (PRGs).

Hydrocarbons were detected in three of the four borings tested for TPH. The TPH concentrations ranged from 6.5 milligrams per kilogram (mg/kg) at DP-4-5-SOIL to 10 mg/kg at DP-7-10-SOIL. These concentrations are below the cleanup levels established by the RWQCB.

Metals were detected within background concentrations. These inorganic compounds were compared to the USEPA PRGs. All concentrations were well below residential PRGs, with the exception of arsenic. Arsenic is below the established background concentrations for Los Angeles County of 11 milligrams per kilogram (mg/kg) that is used by many agencies for sites such as school sites.

SECTION 1 INTRODUCTION

A Phase II Environmental Site Assessment (ESA) was completed at 17475 Gale Avenue, Industry, California (Site) on July 24, 2003. The Phase II ESA was completed by MWH Americas, Inc. (MWH) in accordance with the *Proposal for Phase II Environmental Site Investigation*, dated July 21, 2003, for Richards, Watson, and Gershon on behalf of the City of Industry Urban-Development Agency (IUDA). The objective of the sampling and testing program was to evaluate the presence of volatile organic compounds (VOC) and total petroleum hydrocarbon (TPH) concentrations as suggested by the existing data collected by other past investigators. Their data formed the basis for the closure letter from the Regional Water Quality Control Board, Los Angeles Region (RWQCB) relating to the Well Investigation Program (chlorinated solvent contamination), and the Los Angeles County Fire Department (heavy-end hydrocarbon contamination in the area of the former compressors) following minor remedial excavation and off site disposal. Figure 1 (Site Location Map) illustrates the Site location relative to the region.

1.1 SITE HISTORY AND ENVIRONMENTAL INFORMATION

The Phase I Environmental Site Assessment Report dated June 23, 2003 and prepared by Leighton Consulting, Inc. documents the following Site history and general information.

- From 1928 to approximately 1953, the site was vacant land.
- From 1953 to approximately 1975, the site was developed as agricultural land.
- From 1975 to 1979, the land was again vacant.
- From 1979 to 1987, industrial activities were present at the site and possibly occupied by Coleman Company on the western side of the Site.
- From 1984 to 1988, Graham Printing and Lithograph Company occupied the Site.
- From 1988 to 1997, industrial activities were present at the Site with tenants such as Han Ton Sock Co.
- From the 1997 to present, Amptron International Inc. occupies the Site.
- Graham Printing and Lithograph Company had documented chemical releases to the ground. The shallow groundwater beneath the Site has likely been impacted from the Graham Printing and Lithographic Company activities and potentially from other upgradient offsite sources.
- The Site has been issued regulatory closure letters by the RWQCB and the Los Angeles Fire Department for soil contamination.

MWH understands a Consent Decree has been executed between the USEPA and Graham Printing and Lithograph Company. This agreement apparently will carry through to future site owners.

1.2 PREVIOUS ENVIRONMENTAL ACTIVITIES

The following are summaries of key environmental activities completed at the Site.

In April of 1993, a Phase I Environmental Site Assessment (ESA) was conducted by ATEC Environmental Consultants for Mr. Greg Gilroy, District Manager of the RREEF Funds. The Phase I investigation concluded that the site should complete investigative activities requested by the RWQCB. Additionally, all abandoned hazardous or potentially hazardous materials should be removed or properly disposed.

In October 1993, a Soil gas survey was conducted by ICF Kaiser Engineers for Mr. Greg Gilroy, District Manager of the RREER Funds. The conclusions of the soil gas survey are as follows:

The concentrations of TCA and DCE detected in soil gas samples collected near the waste storage and the former printing equipment pads are very low levels (<200 ug/l). The lateral extent of the soil gas contaminates in these areas appears highly localized and appear to indicate a low likelihood of the contaminates migrating off-site. The depth to groundwater beneath the site was reported at approximately 36 feet below grade during a previous investigation. The probability of the soil gas contaminants migrating to the groundwater is presumed to be very low because of the low levels of contamination and the apparent low permeability of the clayey soil beneath the site.

Ketones were not detected in any of the soil gas samples collected during this investigation. Based on the results of this soil gas investigation the soil gas contaminants present at the site at low level concentrations do not appear to warrant remedial efforts.

In June of 2003, a Phase I ESA was conducted by Leighton Consulting Inc. for Industry Urban Development Agency. The conclusion of this Phase I ESA are as follows:

- *Releases of contaminants of concern have been documented at the site. Although regulatory "no further action" letter has been issued, contaminated soils are still present in the subsurface.*
- *The site is located in an area of regional groundwater contamination, specifically the San Gabriel Valley Superfund Area 4 (Puente Valley Operable Unit). The groundwater beneath the site is contaminated with TCE and PCE. The site has been identified as a contributor (PRP) to the regional groundwater contamination and has negotiated a settlement with the Puente Valley Steering Committee.*

- *An asbestos or lead survey was not performed as part of this investigation. Previous limited asbestos surveys were conducted onsite (see Section 4.2). Floor tile within the structure was previously noted to contain asbestos. Due to the age of the building, it is possible that additional asbestos-containing building materials or lead-based paint are present in the structure.*
- *A monitoring well was formerly located onsite. No documentation has been found that indicates that this well has been properly abandoned.*

1.3 PROJECT OBJECTIVES AND SCOPE OF SERVICE

This Phase II Environmental Site Investigation was performed to evaluate the presence of VOCs, TPH, and Title 22 metals in shallow soils. Chemical concentrations, if detected, would be evaluated against current regulatory guidelines to determine whether regulatory actions would be imposed.

The scope of work for the field investigation was based on existing knowledge of the Site conditions and historical industrial activities and previous environmental activities, and was designed to evaluate any impacts from VOC, TPH and metals.

The general scope of work included the following:

- Health and Safety Plan preparation;
- Underground Service Alert (USA) notification;
- Field activities, including drilling and sampling;
- Sample analysis at a stationary laboratory; and
- Report preparation.

The field activities included ten soil borings each advanced to a depth of 20 feet bgs. The samples were field screened with a PID and documented on boring logs to supplement the laboratory analysis. Samples were collected at five-foot intervals and retained for analysis. The 15 and 20-foot samples were placed on hold at the laboratory. Quality assurance and quality control procedures outlined in the *Proposal for Phase II Environmental Site Investigation* could not be implemented due to time constraints. Amtron International, Inc. currently maintains business operations at the Site. The field investigation schedule included a modified work schedule to minimize business impacts. Work was scheduled to begin at 12 PM and continue through 8 PM. On arrival, the owner of Amtron would not allow work to begin inside the building until after 5 PM. This schedule change hampered implementation of the quality assurance/quality control sampling effort proposed.

SECTION 2 SITE ASSESSMENT ACTIVITIES

Details of the drilling program are presented below.

2.1 PROJECT PLANNING

Prior to commencing field activities the following activities occurred:

- Procured subcontractors and equipment;
- Completed a site walk to mark proposed boring locations and to clear known subsurface utilities and structures.
- Notified USA at least 48 hours prior to field activities to clear the proposed boring locations for any underground utility lines; and
- Prepared a Site-specific Health and Safety Plan (HASP) for the proposed field activities.

2.2 DRILLING PROGRAM

On July 24, 2003, ten soil borings were advanced to 20 feet bgs at the Site. The locations of the boreholes are shown on Figure 2. The borehole locations were selected based on historical environmental activities, site operations, and available environmental data.

2.2.1 Soil Borings/Soil Sampling

All ten borings were advanced using a direct push technology (DPT) truck-mounted drilling system. All ten borings were advanced to the targeted depth of 20 feet bgs.

Lithology was recorded for each boring location and boring logs are included in Appendix A. Soil samples were collected from 5, 10, 15 and 20 feet bgs. Samples were collected in new, two-foot-long acetate liners. A 6-inch length of the liner was cut out at the sample interval and capped with Teflon™ sheets and plastic caps for laboratory analysis. A label was then affixed to the sample for identification. Soil samples following collection were then placed inside a zipper-lock plastic bag and placed in a cooler filled with wet ice packages.

Split samples were also field screened with a PID calibrated to a hexane standard.

A total of 40 samples were collected from 10 locations for laboratory analysis. Samples collected from depths of 15 and 20-feet bgs were placed on hold at the laboratory. Soil samples were analyzed for the following analytical parameters and according to USEPA Analytical Methods as presented in Tables 1 through 3.

- Volatile Organic Compounds (all boring locations) – Table 1
- Full carbon chain total petroleum hydrocarbons (three boring locations) – Table 2
- Title 22 metals (arsenic, antimony, beryllium, barium, boron, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, zinc) (all boring locations) – Table 3

The samples were transported to Del Mar Analytical of Irvine, California for chemical analysis. Chain-of-custody protocols ensured documentation of sample possession.

SECTION 3 RESULTS AND DISCUSSION

This section presents a summary of the investigation results and a comparison of the laboratory analytical results with the relevant regulatory standard.

3.1 LOCAL HYDROGEOLOGIC CONDITIONS

The following lithology was encountered at the Site from ground surface to 20 feet bgs:

- fine to medium grained sands and clayey sands,
- very fine grained clays and silty clays, and
- Groundwater was not encountered during soil sampling activities.

3.2 LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for soil are summarized on Tables 1 through 3. Laboratory analytical reports are provided in Appendix B.

All samples were analyzed according to the chain-of-custody and all analytical holding times were met. All quality control elements were found to be within acceptable limits. No data were rejected and all data are qualified as valid to use for their intended purposes.

The following is a summary of the analytical results.

VOCs were detected in two of the 20 samples analyzed. Toluene was detected at 2.4 micrograms per kilogram (ug/kg) in boring DP-3 at 5 feet bgs. Trichloroethene was detected at 2.1 ug/kg in boring DP-5 at the 5-foot interval. Both of these detections are below USEPA Region IX PRGs.

TPH was detected in all three borings. TPH was detected in the five-foot sample at 6.5 mg/kg and 7.6 mg/kg in borings DP-4-5 and DP-7-5, respectively. The samples collected at 10-foot bgs had detections of 6.9 mg/kg and 10 mg/kg in borings DP-6-10 and DP-7-10, respectively. In all three of the borings the sample detections were partially from long carbon chain (larger than C32). These TPH detections are below action levels outlined in Table 4-1 of the RWQCB May 1996 Interim Guidance for Site Assessments.

The detected metal concentrations were compared to USEPA Region IX Residential PRGs. All concentrations were below Residential PRGs, with the exception of arsenic.

Although the concentrations of arsenic detected are greater than the Residential PRGs, they are below 11 mg/kg. This value is the established background average for arsenic in Los Angeles County and the threshold value used by many agencies at school sites to trigger further environmental action.

Based on historical Site use and the Phase II ESA data collected, it appears that significant subsurface impacts are not present in areas of previous environmental concern at the Site. VOCs, TPH, and metals that screened for were not detected at concentrations above published and applicable regulatory action limits in the soil samples collected and analyzed.

SECTION 4 CONCLUSIONS AND LIMITATIONS

4.1 CONCLUSIONS

The following conclusions can be made:

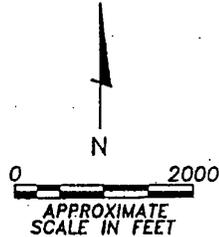
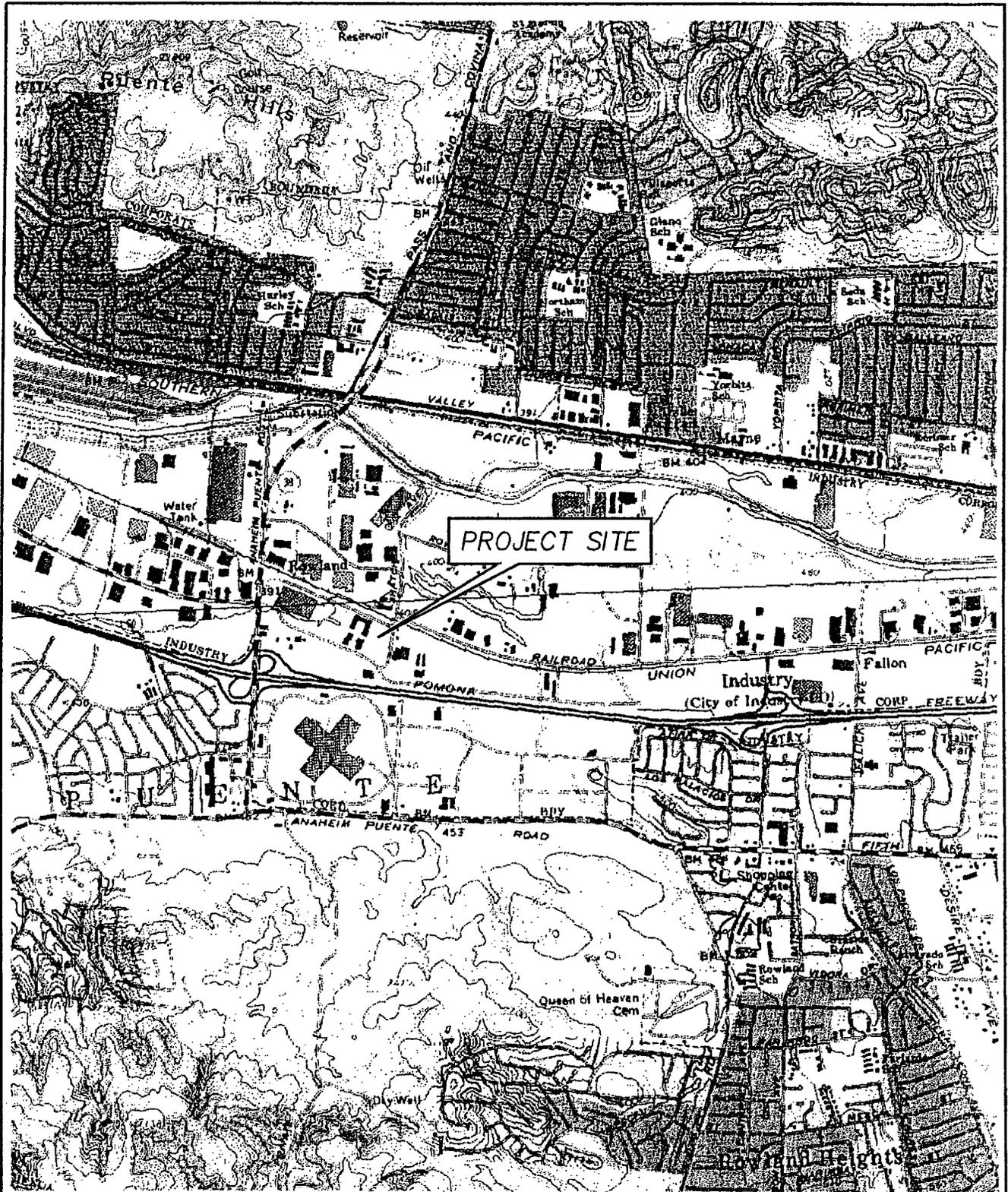
- Two soil samples had VOC detections slightly above detection limits. These VOC detections were below USEPA Region IX Residential PRGs.
- TPH detections were below the RWQCB levels referenced in Table 4-1.
- All metals were below USEPA Region IX Residential PRGs, except arsenic.
- Arsenic concentrations were above residential PRGs, but less than the background level of 11 mg/kg that Los Angeles County has established and less than action levels used by many agencies for sites such as school sites.

4.2 LIMITATIONS

This investigation was limited to the areas of the investigation. Uncertainty remains regarding the locations of the site which were not sampled to the intended 20-foot depth. The information contained in this report reflects MWH's best judgement based on the information available at the time of report preparation.

This ESA report was prepared for the exclusive use of our client. Any other third party use of this report, or any reliance on or decisions made on the basis of this report, is the responsibility of such third party. MWH accepts no responsibility for any damages, if any, suffered by a third party as a result of decisions made or actions taken based on this report.

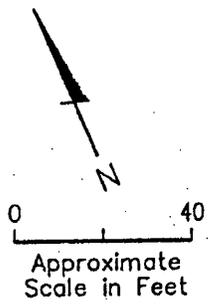
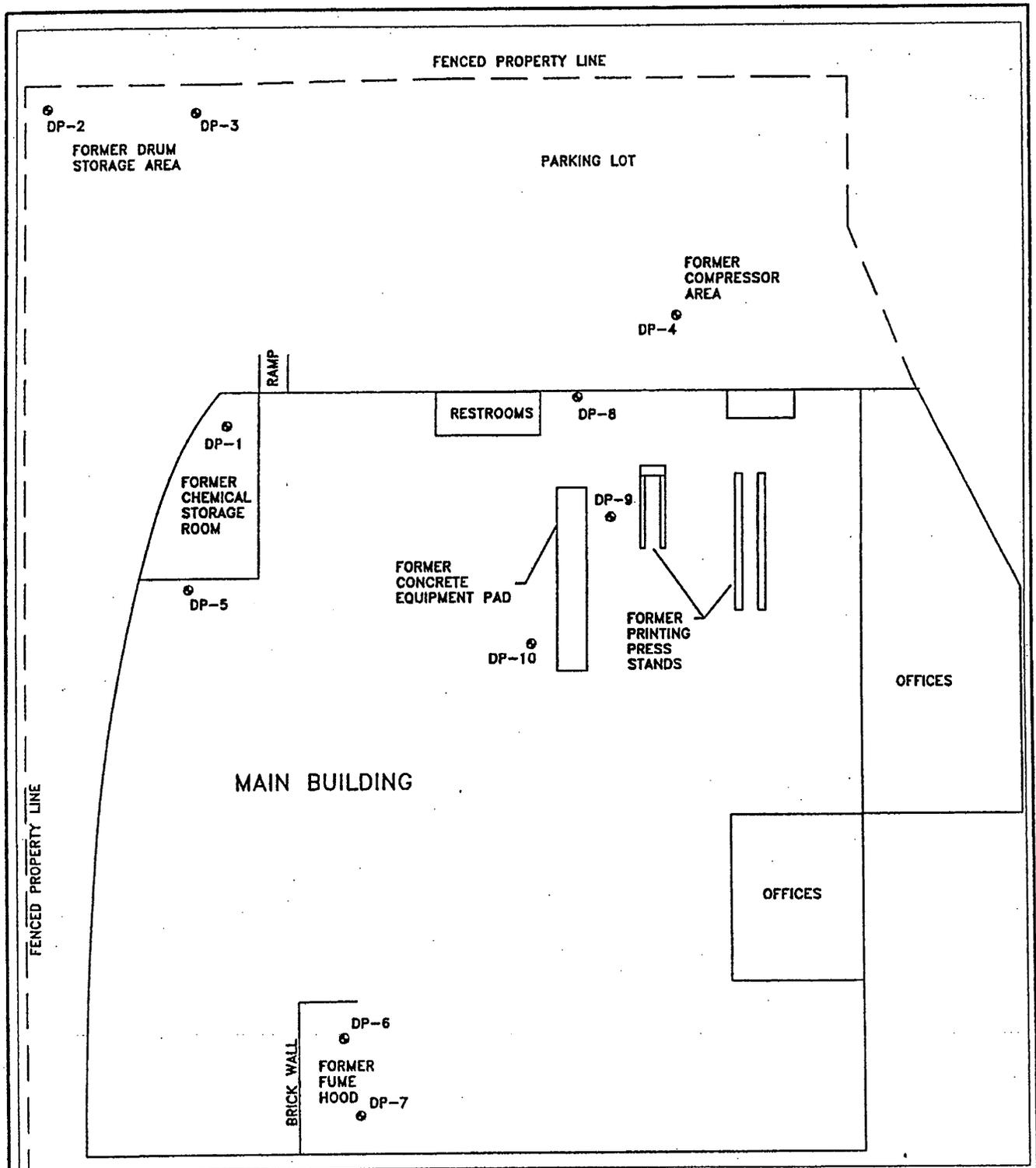
FIGURES



 **MWH** FIGURE 1

17475 GALE AVENUE
CITY OF INDUSTRY, CALIFORNIA

SITE LOCATION MAP



EXPLANATION	
●	Approximate Soil Boring Location

 MWH	FIGURE 2
	17475 GALE AVENUE CITY OF INDUSTRY, CALIFORNIA
SITE PLAN	

TABLES

Table 1
 Soil Analytical Results - Total Petroleum Hydrocarbons, Carbon Chain Analysis
 Phase II Environmental Site Assessment
 17475 Gale Avenue - Industry, California

Boring Identification	Sample Identification	Total Petroleum Hydrocarbon Concentrations (mg/kg)															
		C6-C40	C6-C7	C8-C9	C10-C11	C12-C13	C14-C15	C16-C17	C18-C19	C20-C21	C22-C23	C24-C25	C26-C27	C28-C29	C30-C31	C32-C33	C36-C40
DP-4-5-SOIL	IMG1318-07	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND
DP-4-10-SOIL	IMG1318-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DP-6-5-SOIL	IMG1318-11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DP-6-10-SOIL	IMG1318-12	6.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9
DP-7-5-SOIL	IMG1318-13	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DP-7-10-SOIL	IMG1318-14	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	1.9

NOTES:

C = Carbon

mg/kg = Milligrams per kilogram

ND = Not detected above the laboratory reporting limit

TPH = Total petroleum hydrocarbons

Table 2
Soil Analytical Results - Volatile Organic Compounds
Phase II Environmental Site Assessment
17475 Gale Avenue - Industry, California

Laboratory Identification	Sample Identification	Volatile Organic Compound Concentrations (µg/kg)	
		Trichloroethene	Toluene
IMG1318-01	DP-1-5-SOIL	ND	ND
IMG1318-02	DP-1-10-SOIL	ND	ND
IMG1318-03	DP-2-5-SOIL	ND	ND
IMG1318-04	DP-2-10-SOIL	ND	ND
IMG1318-05	DP-3-5-SOIL	ND	2.4
IMG1318-06	DP-3-10-SOIL	ND	ND
IMG1318-07	DP-4-5-SOIL	ND	ND
IMG1318-08	DP-4-10-SOIL	ND	ND
IMG1318-09	DP-5-5-SOIL	2.1	ND
IMG1318-10	DP-5-10-SOIL	ND	ND
IMG1318-11	DP-6-5-SOIL	ND	ND
IMG1318-12	DP-6-10-SOIL	ND	ND
IMG1318-13	DP-7-5-SOIL	ND	ND
IMG1318-14	DP-7-10-SOIL	ND	ND
IMG1318-15	DP-8-5-SOIL	ND	ND
IMG1318-16	DP-8-10-SOIL	ND	ND
IMG1318-17	DP-9-5-SOIL	ND	ND
IMG1318-18	DP-9-10-SOIL	ND	ND
IMG1318-19	DP-10-5-SOIL	ND	ND
IMG1318-20	DP-10-10-SOIL	ND	ND

NOTES:

Only compounds with detected concentrations are shown in the table.

µg/kg = Milligrams per kilogram

ND = Not detected above the laboratory reporting limit

Table 3
Soil Analytical Results - Metals
17475 Gale Avenue - Industry, California

Sample Identification Location Code Date Sampled	California Background Metal Concentrations (Bradford, et al, 1996)		EPA Region 9 PRGs		IMG1318-01 DP-1-SOIL 07/24/03	IMG1318-03 DP-2-SOIL 07/24/03	IMG1318-05 DP-3-SOIL 07/24/03	IMG1318-07 DP-4-SOIL 07/24/03	IMG1318-09 DP-5-SOIL 07/24/03	IMG1318-11 DP-6-SOIL 07/24/03
	Unit									
EPA 6010B										
Antimony	mg/kg	0.15-1.95	31	820	ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	0.6-11	0.39	2.7	3.9	4.5	4.3	4.7	5.2	4.6
Barium	mg/kg	133-1400	5400	100000	130	120	130	160	95	160
Beryllium	mg/kg	0.25-2.70	150	2200	0.5	0.55	0.55	0.54	ND	0.54
Cadmium	mg/kg	No Value	37	810	ND	0.84	0.76	0.78	ND	0.58
Chromium (Total)	mg/kg	23-1579	210	450	21	20	24	26	1.9	24
Cobalt	mg/kg	2.7-46.9	4700	100000	7.7	8.5	8.4	7.7	6.3	8.7
Copper	mg/kg	9.1-96.4	2900	76000	20	21	23	22	21	23
Lead	mg/kg	12.4-97.1	400	1000	4.9	4.9	4.7	4.7	15	4.8
Mercury	mg/kg	0.2-0.9	23	610	0.02	ND	ND	ND	ND	ND
Molybdenum	mg/kg	No Value	390	10000	ND	ND	ND	ND	ND	ND
Nickel	mg/kg	9-509	1600	41000	20	25	26	23	19	24
Selenium	mg/kg	No Value	390	10000	ND	ND	ND	ND	ND	ND
Silver	mg/kg	0.1-8.3	390	10000	ND	ND	ND	ND	ND	ND
Thallium*	mg/kg	5.3-36.2	5.5	140	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	39-288	550	14000	41	41	52	62	35	52
Zinc	mg/kg	88-236	23000	100000	42	50	50	53	37	49

Notes:

mg/kg = milligrams per kilogram.

*Thallium PRGs presented as thallic oxide

Background metal concentrations are from California Benchmark Soils as reported in *Background Concentrations of Trace and Major Elements in California Soils* (Bradford, et al, March 1996)

EPA PRGs = Region 9 Preliminary Remediation Goals (EPA, 1999) based on residential and industrial use scenarios
Arsenic Cancer endpoint used. Total chromium represents a CrVI:CrIII ratio of 1:6.

Table 3
Soil Analytical Results - Metals
17475 Gale Avenue - Industry, California

Sample Identification Location Code Date Sampled	California Background Metal Concentrations (Bradford, et al, 1996)		EPA Region 9 PRGs		IMG1318-13 DP-7-5-SOIL 07/24/03	IMG1318-15 DP-8-5-SOIL 07/24/03	IMG1318-17 DP-9-5-SOIL 07/24/03	IMG1318-18 DP-10-5-SOIL 07/24/03
	Unit							
EPA 6010B								
Antimony	mg/kg	0.15-1.95	31	820	ND	ND	ND	ND
Arsenic	mg/kg	0.6-11	0.39	2.7	4.3	3.9	4.9	4.7
Barium	mg/kg	133-1400	5400	100000	150	130	160	160
Beryllium	mg/kg	0.25-2.70	150	2200	0.52	ND	0.6	0.6
Cadmium	mg/kg	No Value	37	810	0.61	0.76	0.91	1
Chromium (Total)	mg/kg	23-1579	210	450	22	17	27	28
Cobalt	mg/kg	2.7-46.9	4700	100000	7.9	7.8	9.1	9
Copper	mg/kg	9.1-96.4	2900	76000	21	19	24	28
Lead	mg/kg	12.4-97.1	400	1000	4.6	4.3	5.3	5.2
Mercury	mg/kg	0.2-0.9	23	610	ND	ND	0.021	ND
Molybdenum	mg/kg	No Value	390	10000	ND	ND	2	ND
Nickel	mg/kg	9-509	1600	41000	22	22	28	28
Selenium	mg/kg	No Value	390	10000	ND	ND	ND	ND
Silver	mg/kg	0.1-8.3	390	10000	ND	ND	ND	ND
Thallium*	mg/kg	5.3-36.2	5.5	140	ND	ND	ND	ND
Vanadium	mg/kg	39-288	550	14000	47	37	63	62
Zinc	mg/kg	88-236	23000	100000	49	45	58	59

Notes:

mg/kg = milligrams per kilogram.

*Thallium PRGs presented as thallic oxide

Background metal concentrations are from California Benchmark Soils as reported in *Background Concentrations of Trace and Major Elements in California Soils* (Bradford, et al, March 1996)

EPA PRGs = Region 9 Preliminary Remediation Goals

(EPA, 1999) based on residential and industrial use scenarios

Arsenic Cancer endpoint used. Total chromium represents

a CrVI:CrIII ratio of 1:3.

APPENDICES

APPENDIX A
BORING LOGS

IUDA ICUE
17475 Gale Avenue

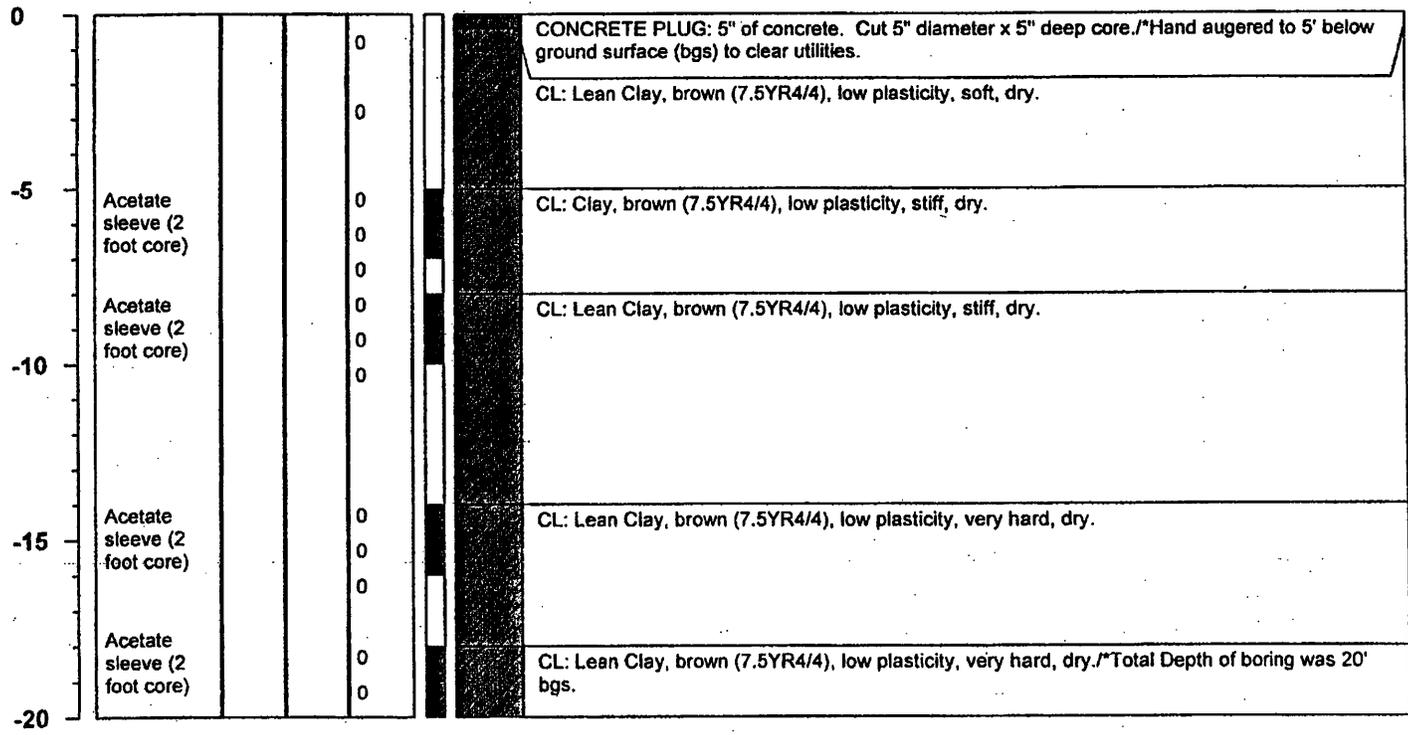
Log of Boring No. DP-1

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

X
 X

Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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**IUDA ICUE
17475 Gale Avenue**

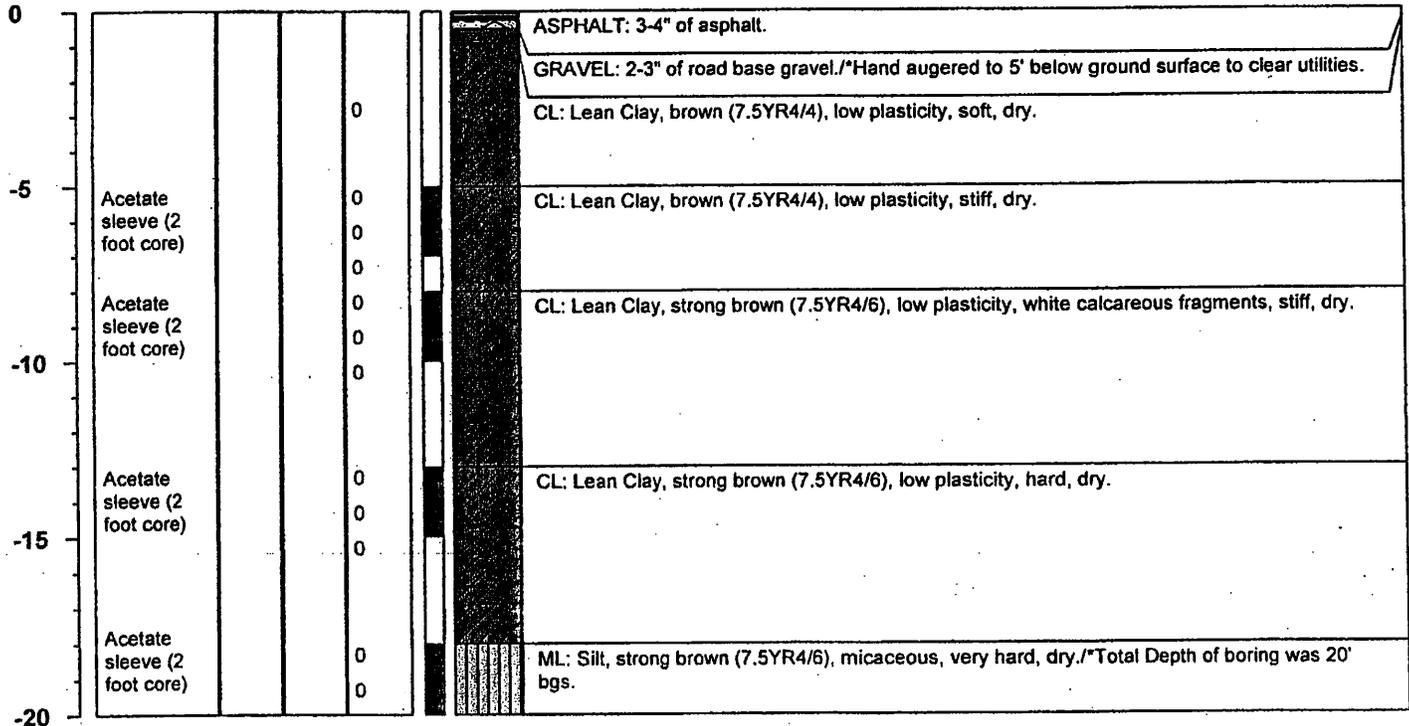
Log of Boring No. DP-2

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

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Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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**IUDA ICUE
17475 Gale Avenue**

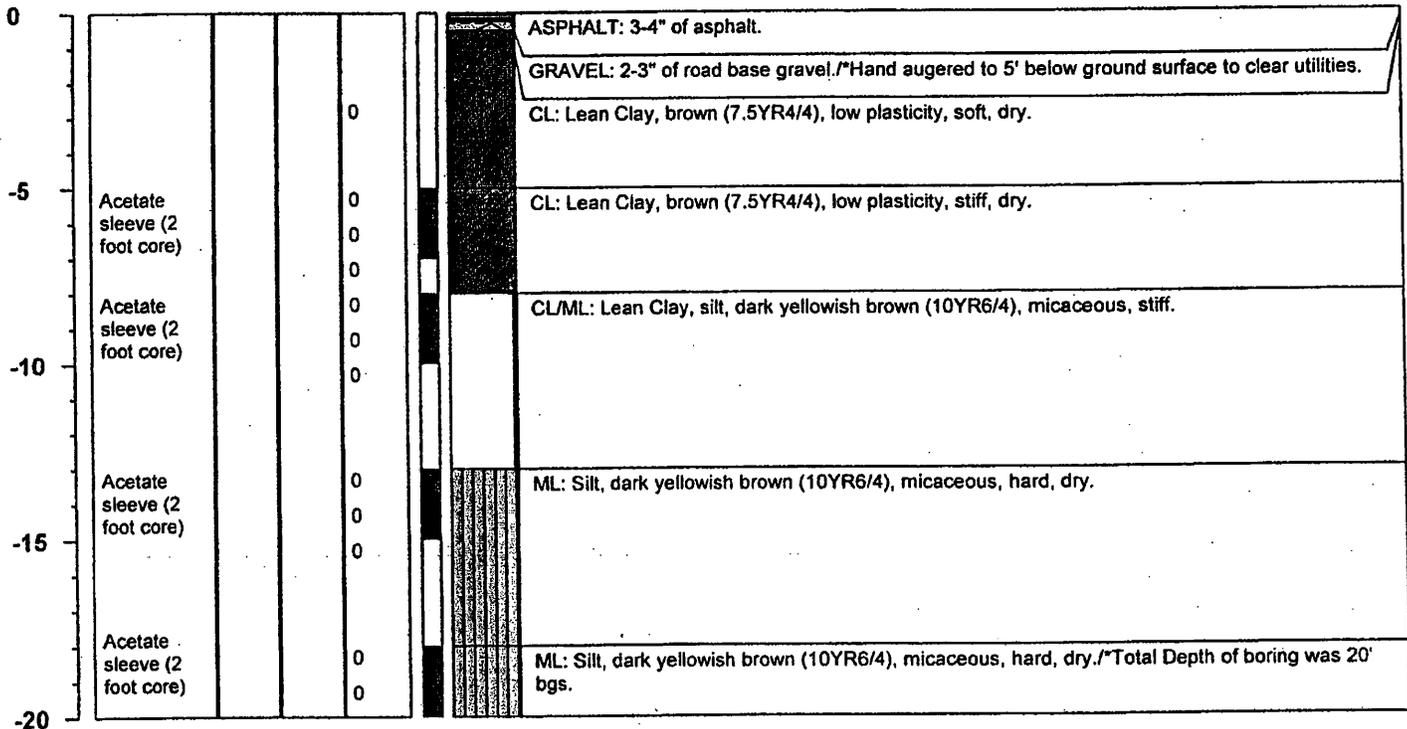
Log of Boring No. DP-3

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

X X

Depth Elevation (MSLD)	Sample Type	Blows / 6-Inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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**IUDA ICUE
17475 Gale Avenue**

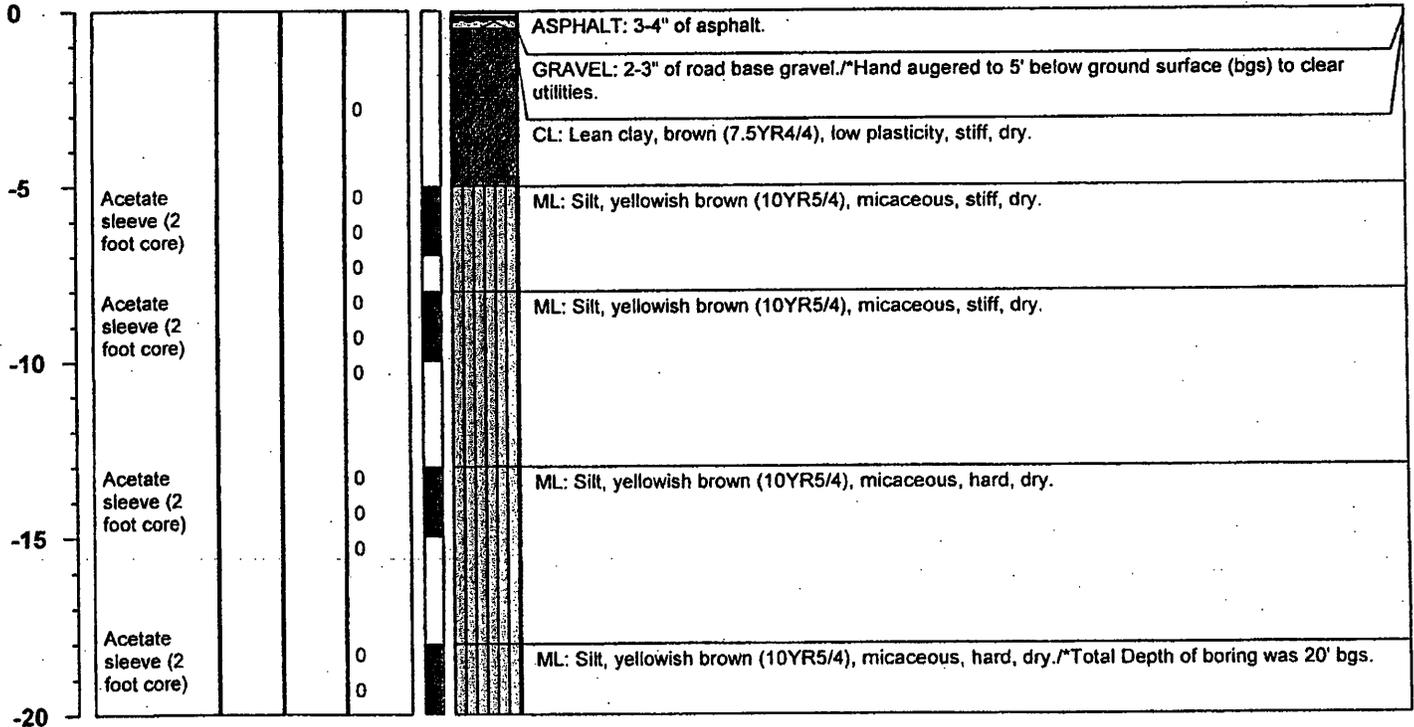
Log of Boring No. DP-4

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

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Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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Log of Boring No. DP-5

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA

Elevation (Ground Surface):

Elevation (Top of Casing):

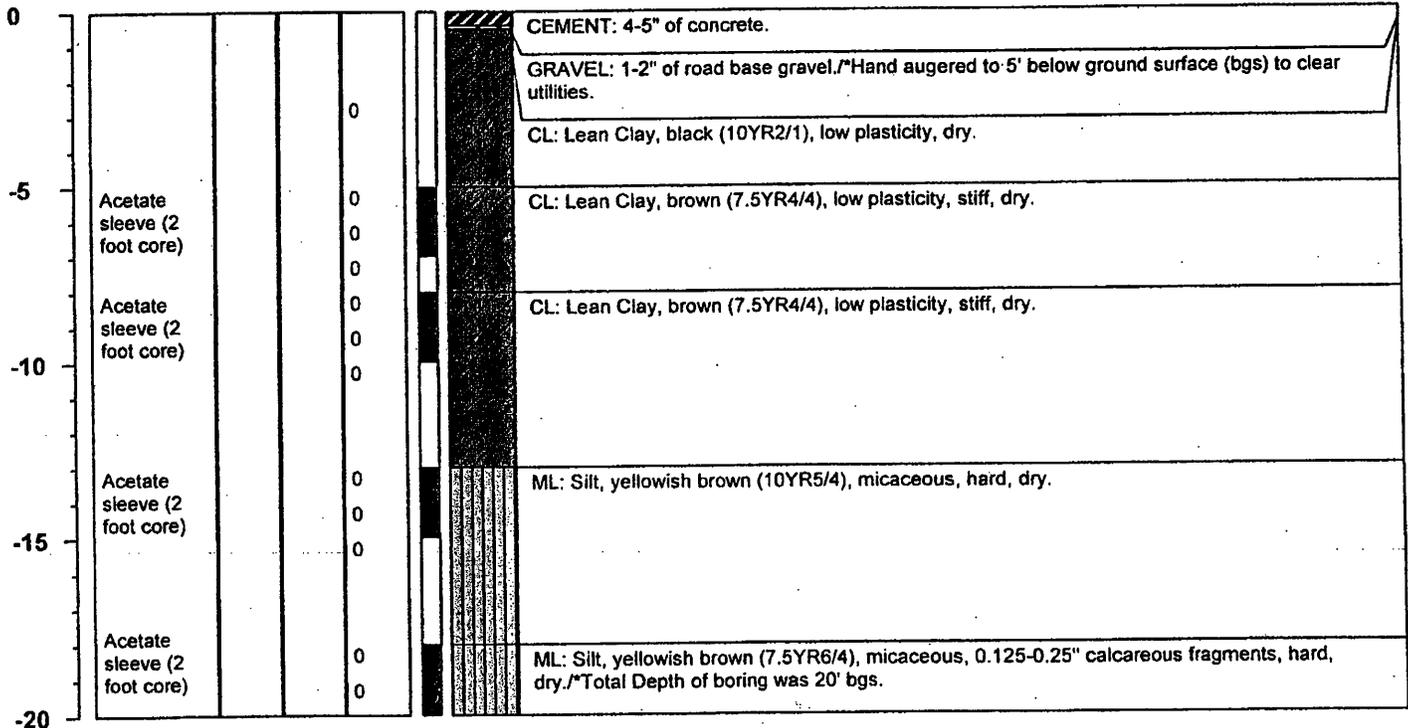
Depth to First Water (ft. bgs): N/A

Depth to Static Water (ft. bgs):

Logged By: Dennis M. Jones

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Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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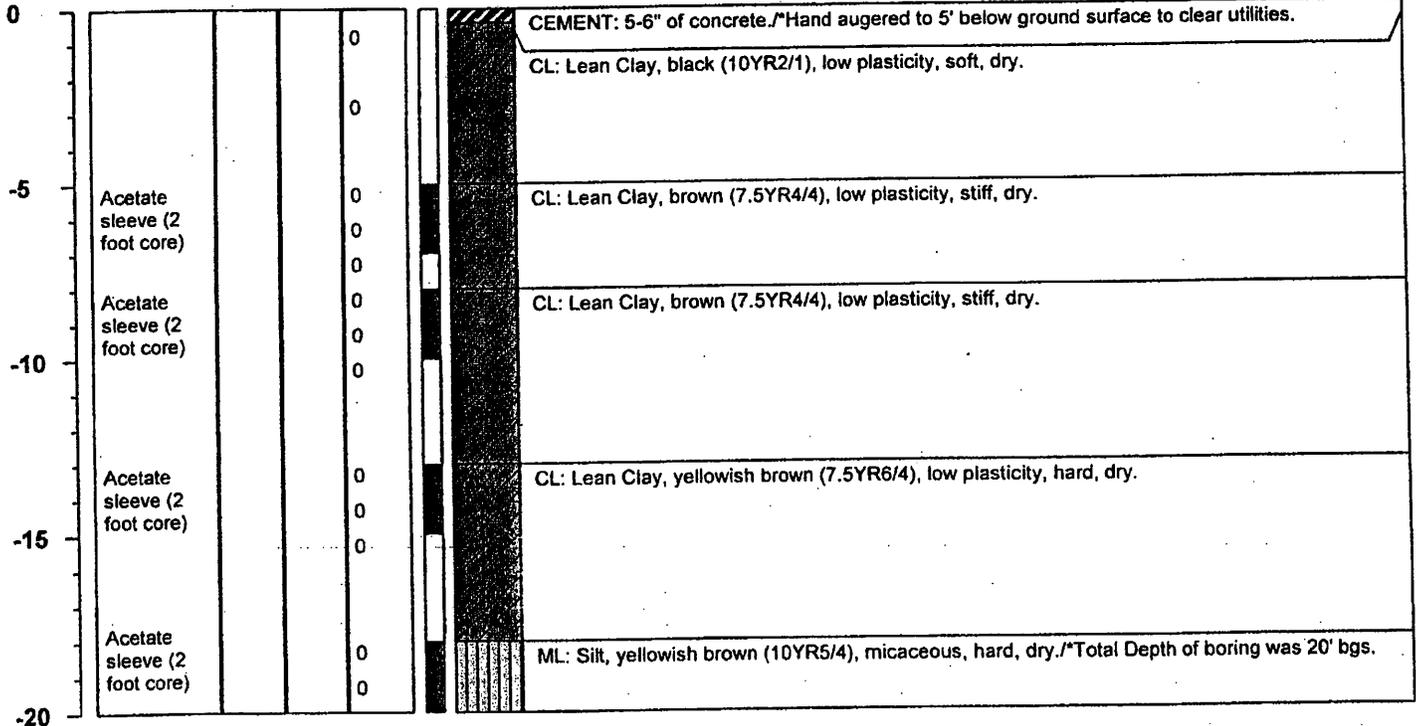
Log of Boring No. DP-6

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

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Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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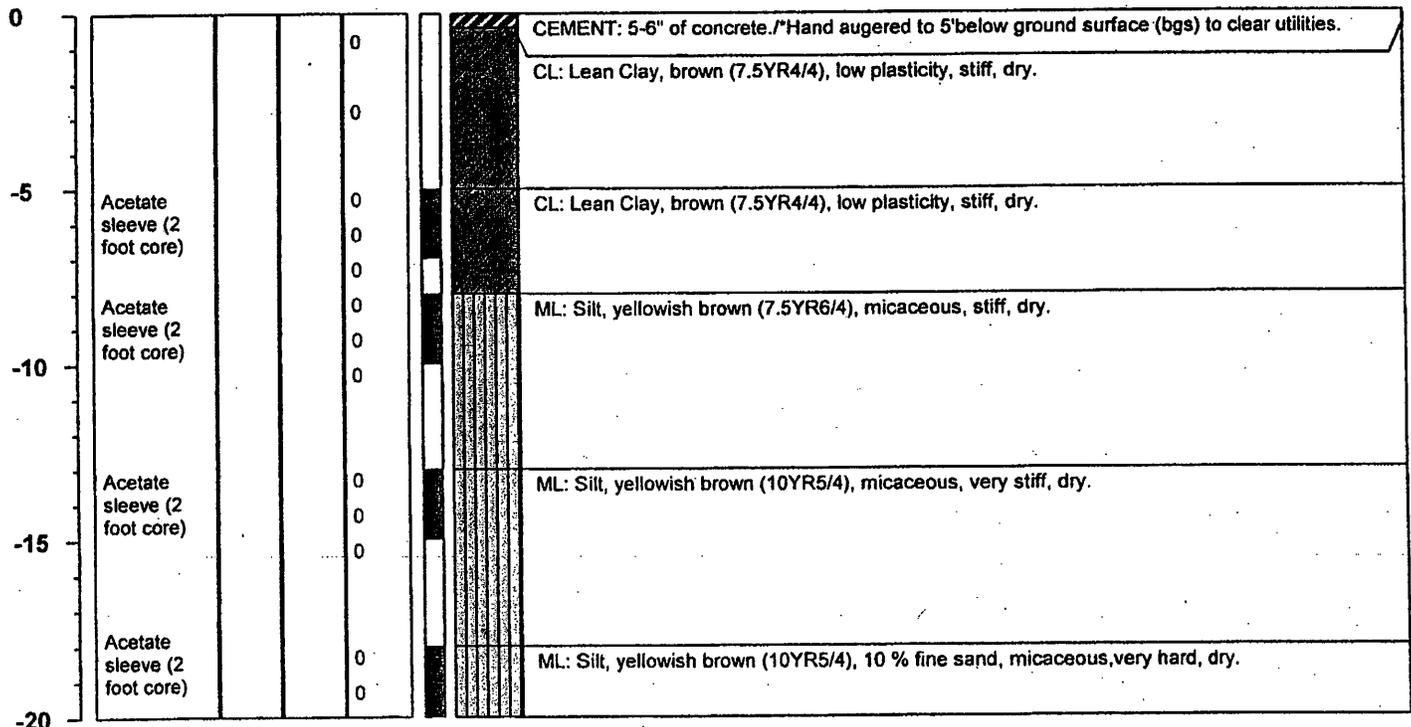
Log of Boring No. DP-7

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

N/A

Depth Elevation (MSLD)	Sample Type	Blows / 6-Inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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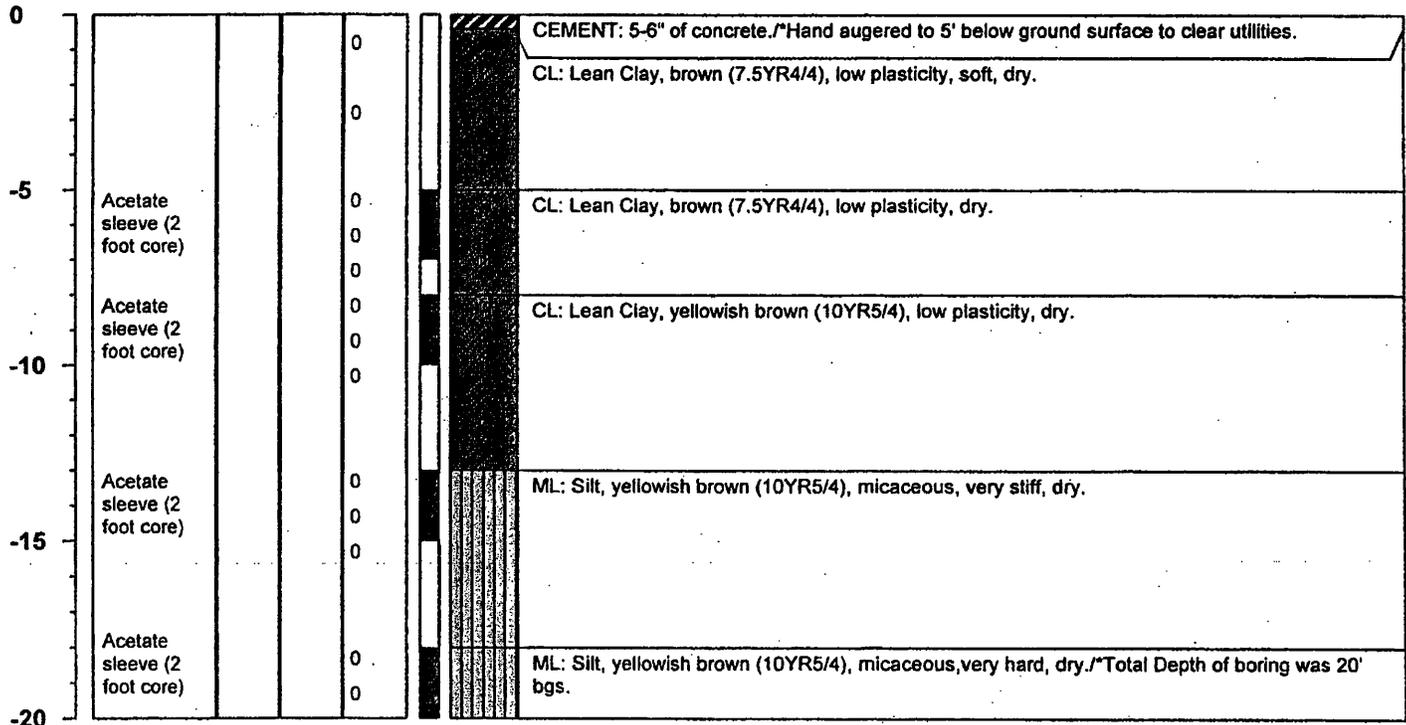
Log of Boring No. DP-8

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

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X

Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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Log of Boring No. DP-9

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA

Elevation (Ground Surface):

Elevation (Top of Casing):

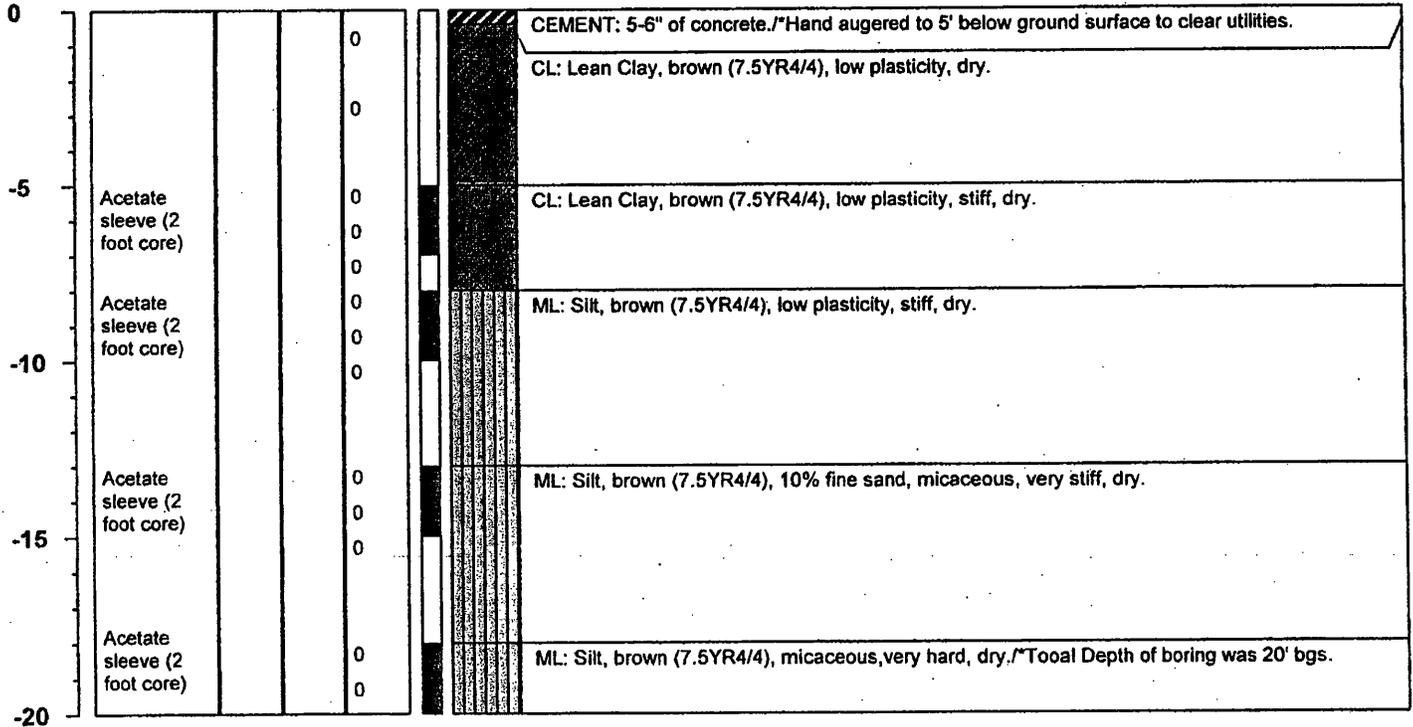
Depth to First Water (ft. bgs): N/A

Depth to Static Water (ft. bgs):

Logged By: Dennis M. Jones

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Depth Elevation (MSLD)	Sample Type	Blows / 6-inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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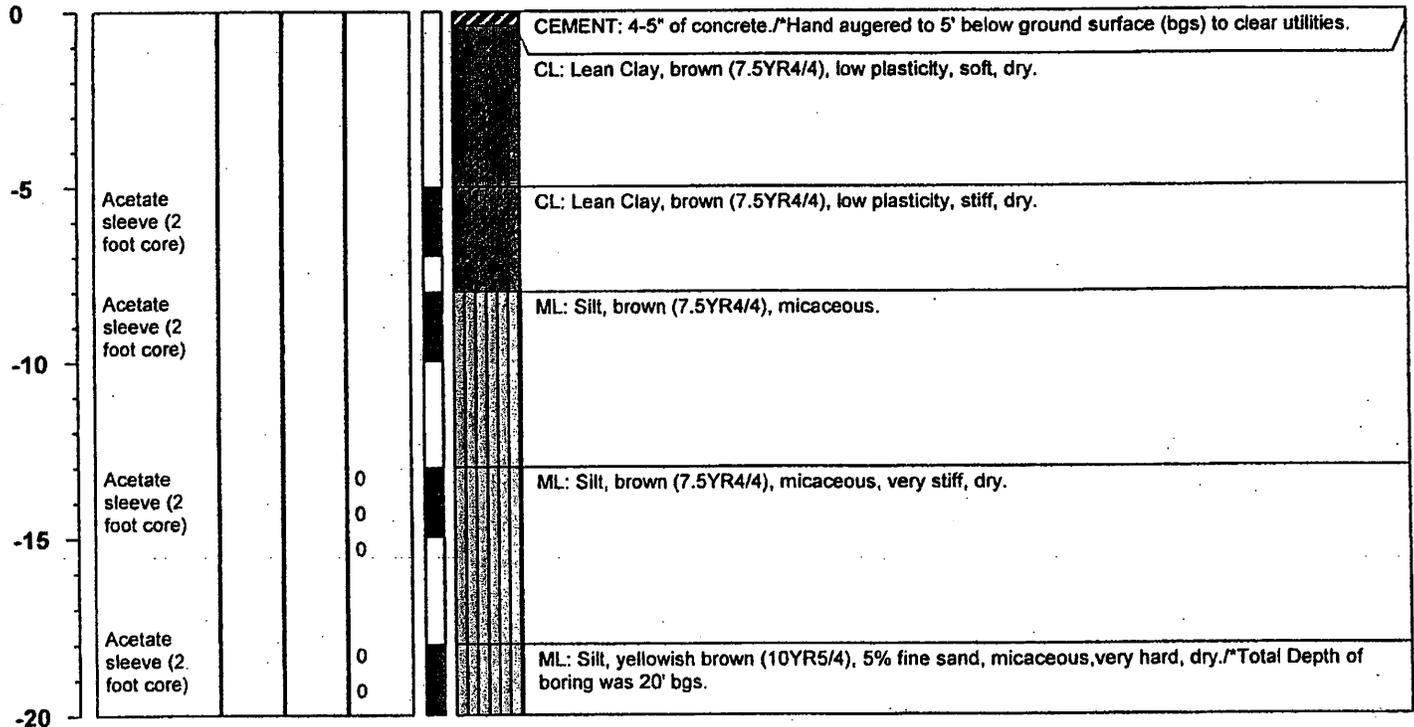
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Log of Boring No. DP-10

Drilling Method: Geoprobe
 Drilling Equipment: Geoprobe
 Drilling Contractor: Interphase
 Sampling Method: Direct Push Core
 Sample Interval: 5-foot
 Borehole Diameter: 1.75 in.
 Borehole Total Depth: 20 ft.
 Date Started: 7/24/03
 Date Completed: 7/24/03

Boring Location: Industry, CA
 Elevation (Ground Surface):
 Elevation (Top of Casing):
 Depth to First Water (ft. bgs): N/A
 Depth to Static Water (ft. bgs):
 Logged By: Dennis M. Jones

Depth Elevation (MSLD)	Sample Type	Blows / 6-Inches	Inches Driven / Recovered	PID (PPM)	Samples	Lithology	Soil Description
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APPENDIX B
LABORATORY ANALYTICAL REPORTS