ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

May 29, 2014

Mr. Brian Waite
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
(Sent via electronic mail to:
BWaite@chevron.com)

Mr. Howard Schindler
Temescal Triangle Investors, Inc.
346 Grand Avenue, Floor #2
Oakland, CA 94610

Mr. Charles Gwynn
300 Lakeside Dr.
Suite #1980
Oakland, CA 94612

Mr. Robert Sloan
Linda Banta & Robert Sloan et. al. Trust
16 Shepardson Lane
Alameda, CA 94502

Subject: Case Closure for Fuel Leak Case No. RO0000351 and Geotracker Global ID T0600100343, Chevron #9-3864, 5101 Telegraph Avenue, Oakland, CA 94609

Dear Messrs. Waite, Schindler, Gwynn, and Sloan:

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 tank(s) 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, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please be aware that claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

May 30, 2014

Mr. Brian Waite
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
(Sent via electronic mail to:
BWaite@chevron.com)

Mr. Howard Schindler
Temescal Triangle Investors, Inc.
346 Grand Avenue, Floor #2
Oakland, CA 94610

Mr. Charles Gwynn
300 Lakeside Dr.
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16 Shepardson Lane
Alameda, CA 94502

Subject: Case Closure for Fuel Leak Case No. RO0000351 and Geotracker Global ID T0600100343, Chevron #9-3864, 5101 Telegraph Avenue, Oakland, CA 94609

Dear Messrs. Waite, Schindler, Gwynn, and Sloan:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to 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 the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.waterboards.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

If you have any questions, please call Mark Detterman at (510) 567-6876. Thank you.

Sincerely,

Dilan Roe

Dilan Roe, P.E.
LOP and SCP Program Manager

Enclosures:
1. Remedial Action Completion Certification
2. Case Closure Summary

Cc w/enc.: Alexis Fischer, Chevron Environmental Management Company, 6101 Bollinger Canyon Road, San Ramon, CA 94583; (sent via email to AFischer@chevron.com)

Leroy Griffin, Oakland Fire Department 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 (sent via electronic mail to lgriffin@oaklandnet.com)

Nathan Allen, 10969 Trade Center Drive, Suite 106, Rancho Cordova, CA 95670
(sent via electronic mail to nallen@craworld.com)
Mark Detterman, ACEH, (sent via electronic mail to mark.detterman@acgov.org)
Electronic File, GeoTracker

Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: August 2, 2013

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6876
Responsible Staff Person: Mark Detterman	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Chevron #9-3864		
Site Facility Address: 5101 Telegraph Avenue, Oakland, CA 94609		
RB Case No.: 01-0374	Local Case No.: STID 402	LOP Case No.: RO0000351
URF Filing Date: 1/19/1991	Geotracker ID: T0600100343	APN: 14-1218-12-3

Responsible Parties	Addresses	Phone Numbers
Charles Gwynn	300 Lakeside Dr., Suite # 1980 Oakland, CA 94612	---
Howard Schindler Temescal Triangle Investors, Inc.	346 Grand Avenue, Floor 2 Oakland, CA 94610-4864	---
Brian Waite Chevron Environmental Management Co.	6101 Bollinger Canyon Road San Ramon, CA 94583	(925) 790-6486

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
----	10,000	Gasoline	Removed	9/18/1991
----	10,000	Gasoline	Removed	9/18/1991
----	5,000	Gasoline	Removed	9/18/1991
----	1,000	Waste Oil	Removed	9/18/1991
Piping			Removed	9/18/1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: A tank release and a dispenser or product line release were documented (eastern dispenser island). The USTs were reported to be intact upon removal.	
Site characterization complete? Yes	Date Approved By Oversight Agency: -----

Monitoring wells installed? Yes	Number: 9	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 4.56 fbgs	Lowest Depth: 17.68 fbgs	Flow Direction: Southwest
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: There are three water supply wells and four cathodic protection wells within a 2,000 foot radius of the site. One irrigation well is located 1,500 feet west (crossgradient), one domestic well is located 1,900 feet northeast (upgradient), and one industrial well 750 feet north (cross- to upgradient) of the site. These wells are not downgradient of the site and do not appear to be receptors or potential conduits due to both distance and direction to the wells from the site. The cathodic protection wells are reported to be located 1,150 feet southeast (crossgradient). These wells are not downgradient of the site and do not appear to be receptors or potential conduits due to both distance and direction to the wells from the site.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Temescal Creek, located approximately 250 feet southwest of the site
Off-Site Beneficial Use Impacts (Addresses/Locations): None identified.	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Two 10,000-gal, One 5,000-gal, and One 1,000-gal	Disposal - Erickson, Inc; Richmond, CA	9/18/1991
Piping	Not Reported	Disposal – Erickson, Inc in Richmond, CA	9/18/1991
Free Product	None Reported	----	----
Soil	288 yd^3	Disposal – Chevron USA Refinery; Richmond, CA	10/29/1991
Groundwater	None Reported	----	----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	1,300	980 [1]	34,000 [4]	4,500
TPH (Diesel)	<10	<10	Not Analyzed	Not Analyzed
TPH (Motor Oil)	----	----	----	----
Oil and Grease	< 50	<50	Not Analyzed	Not Analyzed
Benzene	0.90	0.069	610	< 0.5
Toluene	3.5	2.7 [1]	360	1
Ethylbenzene	2.8	2.5 [1]	140 [5]	3
Xylenes	7.6	5.5 [1]	410	< 0.5
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	0.6 [2]	0.6 [2]	Not Analyzed	Not Analyzed
MTBE	Not Analyzed	Not Analyzed	720 [6]	<0.5 [7]
Naphthalene	----	----	----	----
Other (8240/8270)	< 0.005 [3]	< 0.005 [3]	Not Analyzed	Not Analyzed

1 UST overexcavation confirmation soil sample at 15.5 feet bgs.
2 Cd < 0.5 ppm; Cr < 0.5 ppm; Pb = 0.6 ppm; Ni & Zn not analyzed
3 1,2-DCA, TCE, PCE, Vinyl Chloride < 0.005
4 Grab groundwater sample TC-4, installed upgradient of site, and downgradient of adjacent upgradient site at 5200 Telegraph Avenue (Autopro, RO0000323, T0600100131), detected 120,000 ppb TPHg. It does not appear to be associated with the subject site, and is therefore not included in this data.
5 Grab groundwater sample TC-4, installed upgradient of site, and downgradient of adjacent upgradient site 5200 Telegraph Avenue (Autopro, RO0000323, T0600100131), detected 500 ppb ethylbenzene. It does not appear to be derived from the subject site, and is therefore not included in this data.
6 MTBE 720 ppb; TBA < 100 ppb; TAME, ETBE, EDB, and 1,2-DCA < 2 ppb
7 MTBE <0.5 ppb; TBA < 100 ppb; TAME, ETBE, EDB, and 1,2-DCA < 2 ppb

Site History and Description of Corrective Actions:

The site is a triangle shaped property formed by the junctions of 51st Street, 52nd Street, and Telegraph Avenue. Previously, the site was occupied by a Chevron service station from 1970 to 1991. The site is currently occupied by a business center containing three commercial buildings and associated landscaping and parking. Surrounding land use is commercial and residential. Soils encountered at the site during investigation consisted of interbedded layers of silt, clay, sand, and gravel with varying amounts of other soil types.

On November 14 and 15, 1990, soil borings C-1 through C-4 were advanced and completed as monitoring wells. Soil samples were collected from the borings at approximately 10 and 15 feet below ground surface (fbgs). Groundwater samples were also collected from the developed monitoring wells. Soil collected from boring C-3, located near in the southwest portion of the site contained the greatest contaminant concentration of 270 ppm Total Petroleum Hydrocarbons as gasoline (TPHg). The greatest constituent concentrations were detected in groundwater wells C-1 and C-2, with detections up to 1,900 ppb TPHg and 140 ppb benzene.

On September 18, 1991, two 10,000-gallon gasoline underground storage tank (UST), one 5,000-gallon gasoline UST, and one 1,000-gallon waste oil tank were removed from the site along with their associated piping. Fifteen soil samples were collected from the tank excavation pits and product line trenches. Additional composite soil samples

were collected from the soil stockpiles. Soil samples collected from the gasoline UST excavation contained up to 1,300 ppm TPHg and 0.33 ppm benzene. Soil samples collected from the product line trench and waste oil tank excavation contained up to 53 ppm TPHg and < 50 ppm Total Oil and Grease (TOG), respectively. The gasoline UST and product line excavations were subsequently overexcavated to 17.5 and 5 fbgs, respectively. Further overexcavation and subsequent soil sampling of the UST cavity documented detectable concentrations up to 980 ppm TPHg and 0.069 ppm benzene in the UST overexcavation at a depth of 15 feet bgs, and up to 2 ppm TPHg and 0.069 ppm benzene in the product line overexcavation at 5 feet bgs. Subsequent waste oil UST stockpile soil sampling also documented a concentration of 78 ppm TPHd, which was characterized as containing heavier hydrocarbons than diesel. Approximately 600 cubic yards of soil were removed; 300 cubic yards were disposed offsite and 300 were aerated, sampled, and re-used as backfill material.

On November 30 and December 1, 1992, five soil borings (TC-1 through TC-5) were advanced offsite to determine the extent of lateral contamination. A total of ten soil samples were collected from the borings at depths ranging from 7 to 16 fbgs. Grab groundwater samples were also collected from each boring. Petroleum hydrocarbon compounds were detected in TC-4 and TC-5. TPHg, toluene, ethylbenzene, and xylenes were detected in soil samples collected from upgradient bore TC-4 at concentrations up to 46 ppm, 0.18 ppm, 0.12 ppm, and 0.07 ppm, respectively. The grab groundwater samples from upgradient bore TC-4, and crossgradient bore TC-5 detected TPHg concentrations of 120,000 ppb and 2,400 ppb, respectively. Ethylbenzene and xylenes were also detected in the groundwater sample from boring TC-4 at 500 ppb and 400 ppb, respectively. Benzene was not detected in any of the grab groundwater samples, including downgradient of the subject site. Thus, the investigation predominately documented petroleum hydrocarbon contamination at the upgradient site (5200 Telegraph Avenue; Autopro, RO0000323, T0600100131), located approximately 250 feet directly upgradient of the subject site.

On September 15, 16, and 19, 1993, five offsite borings (B-1 through B-5) were advanced offsite and completed as monitoring wells (MW-1 through MW-5). The purpose of this investigation was to define the extent of contamination documented in borings TC-4 and TC-5. Concentrations up to 300 ppm TPHg (in downgradient well B-3 / MW-3) and 0.007 ppm benzene (in upgradient well B-4 / MW-4) were documented. The highest concentrations of TPHg in grab groundwater samples were detected from wells upgradient (MW-4) near 5200 Telegraph Avenue (Autopro, RO0000323, T0600100131) and downgradient (MW-3) of the site. Groundwater samples from the completed monitoring wells contained up to 6,600 ppb TPHg and 400 ppb benzene.

Wells C-1, C-2, and C-4 were destroyed in 1996 and 1997 during site redevelopment. Oxygen Releasing Compound (ORC) socks were placed in monitoring wells C-3 and MW-3 from 1999 to 2004. Upgradient well MW-4 has been renamed MW-5, is monitored periodically in site investigations for the upgradient site (Autopro, RO0000323, T0600100131), and has not been monitored recently by Chevron.

Groundwater monitoring has been conducted at the site since December 1990 and was most recent conducted in September 2012. Results of the groundwater monitoring indicate that a groundwater plume consisting primarily of TPHg and TPHd extends from 5200 Telegraph Avenue (Autopro, RO0000323, T0600100131) approximately 150 feet southwest (downgradient) towards the subject site (5101 Telegraph Avenue). Diesel is not reported to have been dispensed at the subject site and except for three waste oil UST confirmation soil samples has not been analyzed for at the subject site. Recent detections from monitoring wells located at the Autopro site (RO0000323, T0600100131) at 5200 Telegraph Ave. indicate 1,800 ppb TPHg and 1,500 ppb TPHd are present. Recent detections from monitoring wells associated with the subject site indicate that residual contamination is present in groundwater onsite and downgradient of the site (in well C-3 and MW-3 at between 4,300 to 4,500 ppb TPHg and < 0.5 to 1 ppb benzene). The downgradient extent appears to be defined by historic data at former wells MW-1 and MW-3 located at the Berkeley Land Company (RO0000691) at 5100 Telegraph Avenue south and southwest of the site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, closure of this site appears to be consistent with the policies established by the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy which became effective on August 17, 2012.		
Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary.		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: ----
Monitoring Wells Decommissioned: No	Number Decommissioned: 3	Number Retained: 6 *
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

* Ownership of one of the 6 remaining wells, MW-4 as installed by Chevron, has been transferred to the upgradient Autopro site (RO0000323, T0600100131) at 5200 Telegraph Avenue. It has been renumbered to MW-5.

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- Non-petroleum VOCs were analyzed in soil but not in groundwater.
- Naphthalene and other PAHs analysis in soil or groundwater was not performed.
- Analysis for waste oil constituents nickel & zinc was not performed.
- The site appears to be comingled with the upgradient Autopro site (RO0000323, T0600100131) at 5200 Telegraph Avenue.
- Ownership of one of the 6 remaining wells, MW-4 as installed by Chevron, has been transferred to the upgradient Autopro site (RO0000323, T0600100131) at 5200 Telegraph Avenue. It has been renumbered to MW-5.
- Excavation or construction activities in areas of potential residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

The site meets the general criteria for case closure under the LTCP.

The site does not appear to meet scenarios 1, 2, 3, or 4 of the groundwater media-specific criteria for closure under the LTCP because the culverted Temescal Creek is within 250 feet of the plume boundary and the nearest water supply well is at an approximate distance 750 feet from the edge of the plume.

However, ACEH believes case closure is appropriate based on an analysis of site-specific conditions:

1. The groundwater plume appears to be defined by downgradient investigations conducted at other release sites (Berkeley Land Company, RO0000691) and is approximately 200 to 250 feet in length.
2. There is no free product.
3. The concentrations of benzene and MTBE are each less than 1,000 ppb.
4. The nearest cross- or downgradient groundwater supply well is greater than 1,000 feet from the site (the nearest water supply well is located approximately 750 feet upgradient, is 40 feet in depth, and does not appear to be a receptor due to its upgradient location).
5. Based on the age of the plume, site hydrogeology, and apparent stability of the plume, the potential for the plume to pose a threat to Temescal Creek appears to be low. The potential for migration along preferential pathways provided by utility corridors has been evaluated for the site. Based on this evaluation, potential discharges from the utility corridors to Temescal Creek are not expected to pose a significant risk to water quality in Temescal Creek.

The site appears to meet scenario 3 of the numeric media-specific criteria in the LTCP for petroleum vapor intrusion to indoor air (without a bioattenuation zone) for the following reasons:

1. Soil vapor has not been collected from beneath the site, thus oxygen measurements are presumed to be <4% is assumed in the bioattenuation zone.
2. There is a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase and the foundation of existing off-site buildings.
3. Benzene concentrations in groundwater are < 100 µg/l, and
4. TPH appears to be less than 100 ppm within the upper five feet of soil.

The site does not meet the media-specific criteria for direct contact and outdoor air exposure under the LTCP because the soil beneath the waste oil UST was not analyzed for naphthalene or other PAHs.

However, ACEH believes case closure is appropriate based on an analysis of site-specific conditions:

1. The maximum concentrations of benzene and ethylbenzene detected in soil samples collected to date within the upper 10 feet are less than the media-specific criteria in Table 1 of the LTCP for direct contact and outdoor air exposure. Since the release at the site consisted primarily of gasoline, naphthalene concentrations are not likely to exceed the media-specific criteria in Table 1 of the LTCP.
2. While onsite soil analytical data is limited in the 0 to 5 and the 5 to 10 foot intervals, the determination that the site meets this Criterion is based on a review of soil bore logs, and noting the lack of staining, odors, and PID responses reported in the upper 10 feet of soil on the onsite bore logs.
3. Soil beneath the waste oil UST contained no detectable concentrations of TOG, BTEX, chlorinated solvents, and lead, and it is not likely naphthalene or other PAHs exceed the concentrations in Table 1.

Conclusion:

Alameda County Environmental Health staff believe that the site meets the conditions for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. Based upon the information available in our files to date, no further investigation or cleanup for the fuel leak case is necessary at this time.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Mark Detterman, P.G.	Title: Senior Hazardous Materials Specialist
Signature:	Date: 8/3/2013
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature:	Date: 8/7/13

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: May 23, 2013	

VIII. MONITORING WELL DECOMMISSIONING

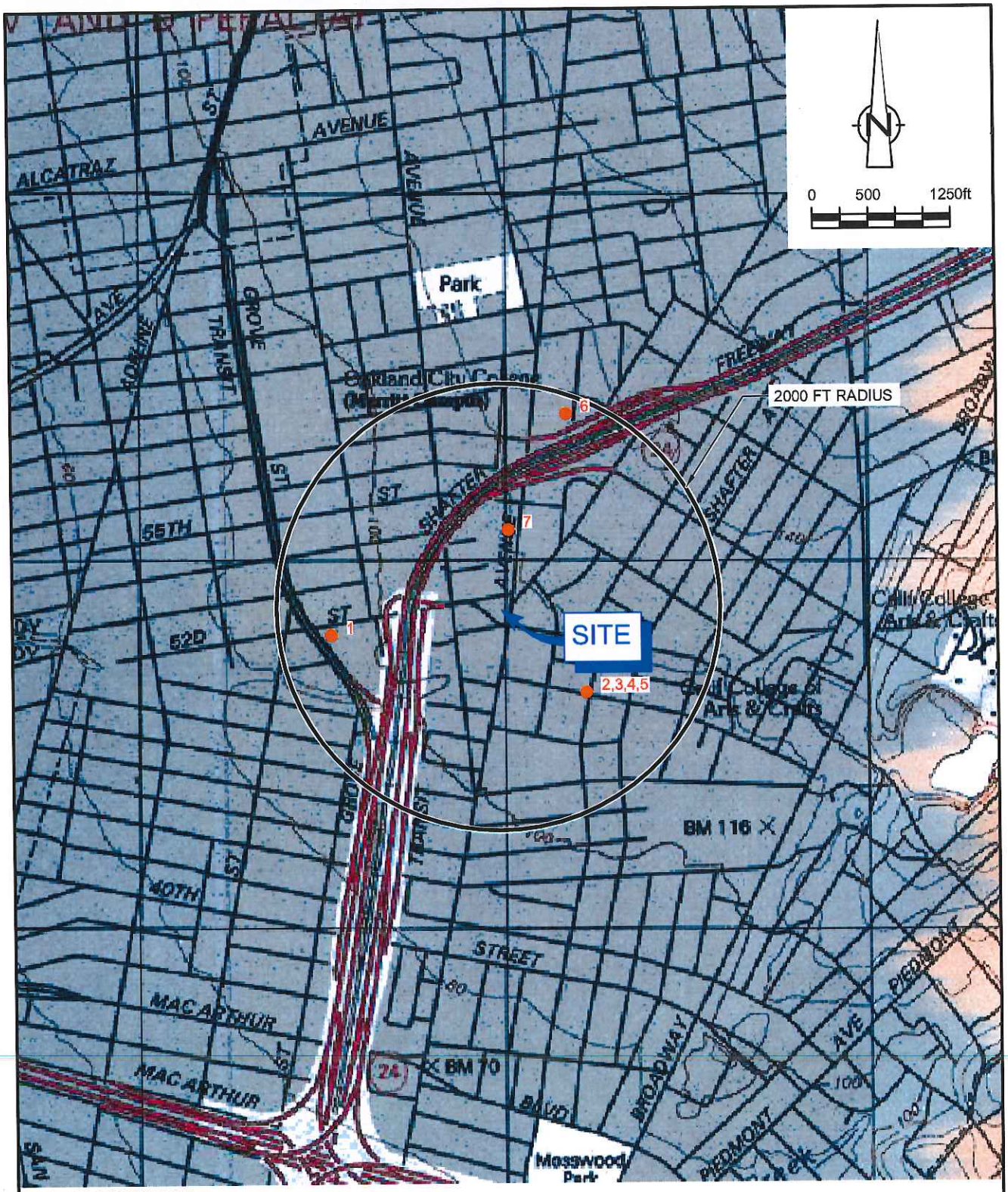
Date Requested by ACEH: 7/26/2013	Date of Well Decommissioning Report: 3/28/2014	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 5 (*)	Number Retained: 0
Reason Wells Retained: (*) Excludes former well MW-4; Transferred to Auto Pro case		
Additional requirements for submittal of groundwater data from retained wells: NA		
ACEH Concurrence - Signature:		Date: 4/30/2014

Attachments:

1. Site Vicinity Map (3 pp)
2. Site Plans (6 pp)
3. Soil Analytical Data (12 pp)
4. Groundwater Analytical Data (21 pp)
5. Boring Logs (29 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

ATTACHMENT 1



SOURCE: TOPO! MAPS.

WELL SURVEY MAP
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
Oakland, California

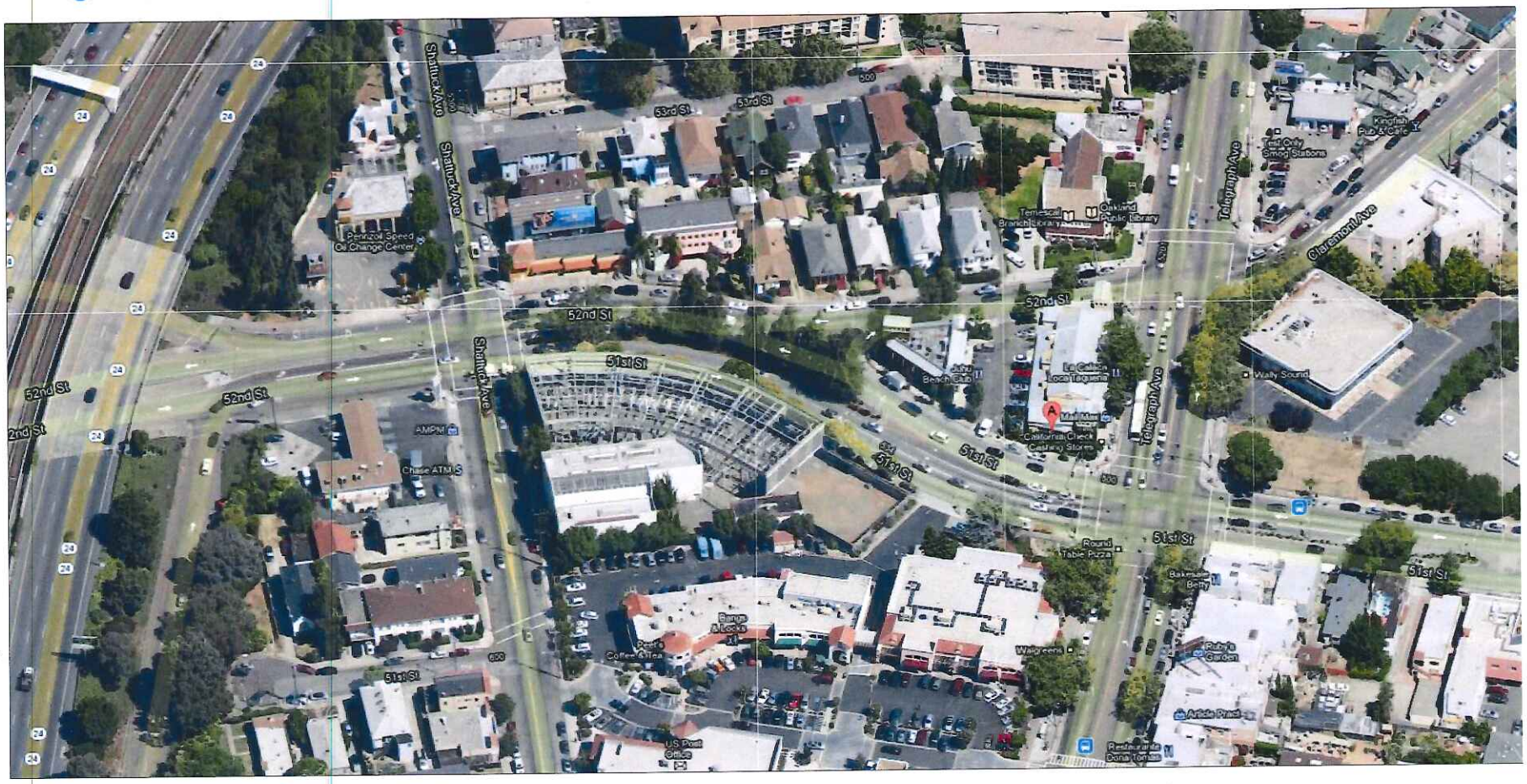
LEGEND

● APPROXIMATE WELL LOCATION

611951-400(006)GN-WA007 AUG 02/2011

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google



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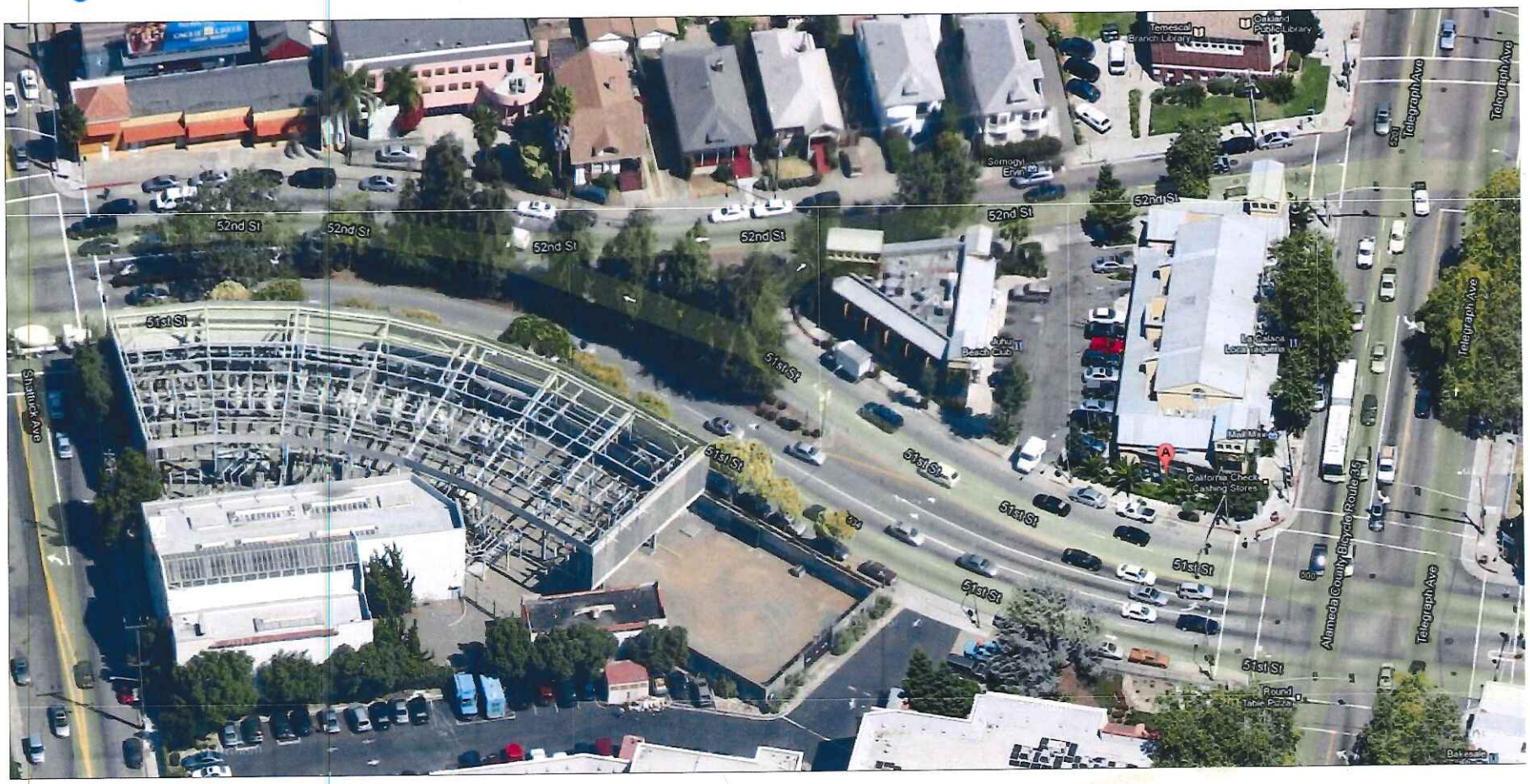
Google



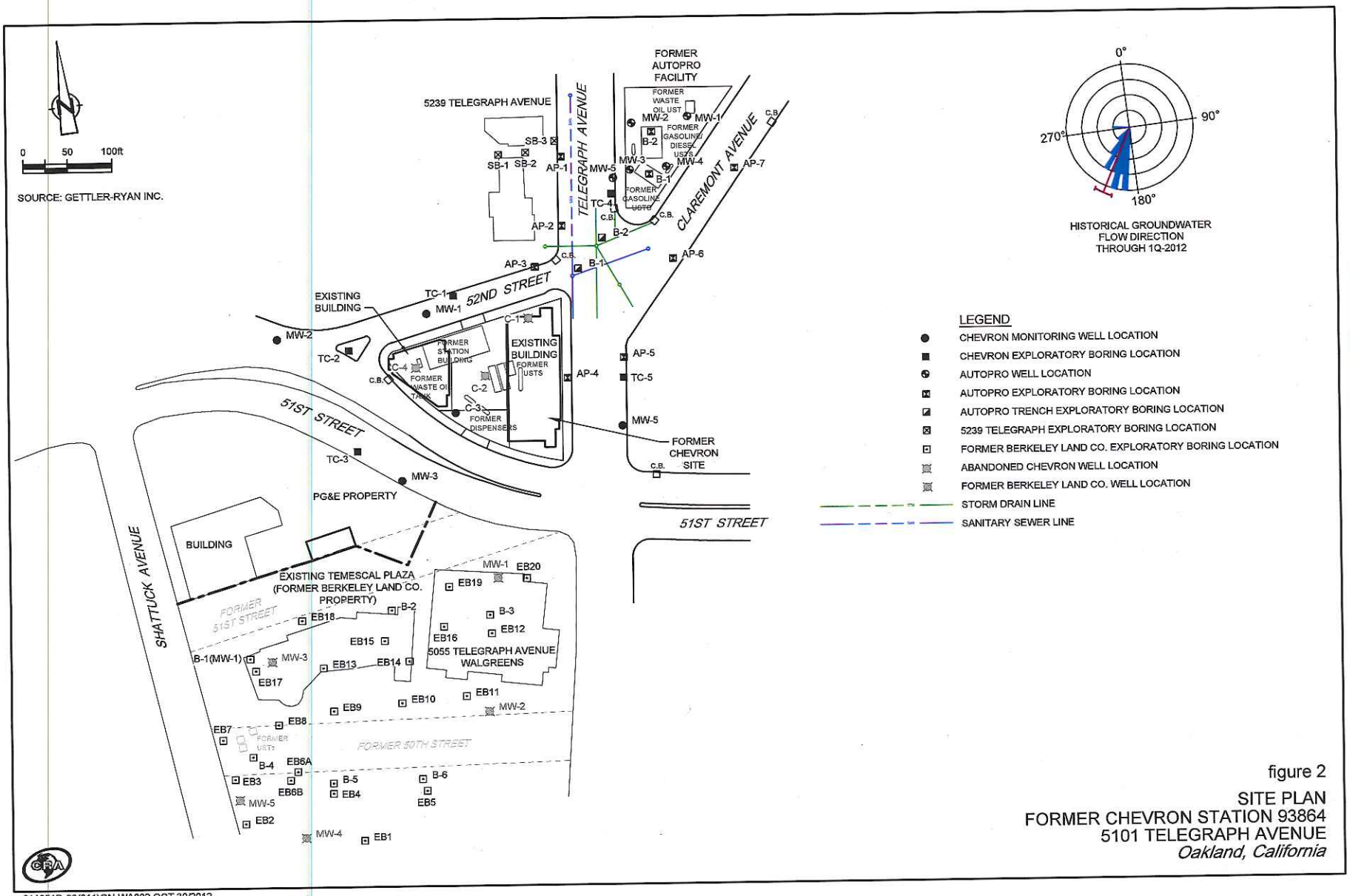


figure 2

SITE PLAN
FORMER CHEVRON STATION 93864
5101 TELEGRAPH AVENUE
Oakland, California

611951D-00(011)GN-WA002 OCT 30/2012

ATTACHMENT 2

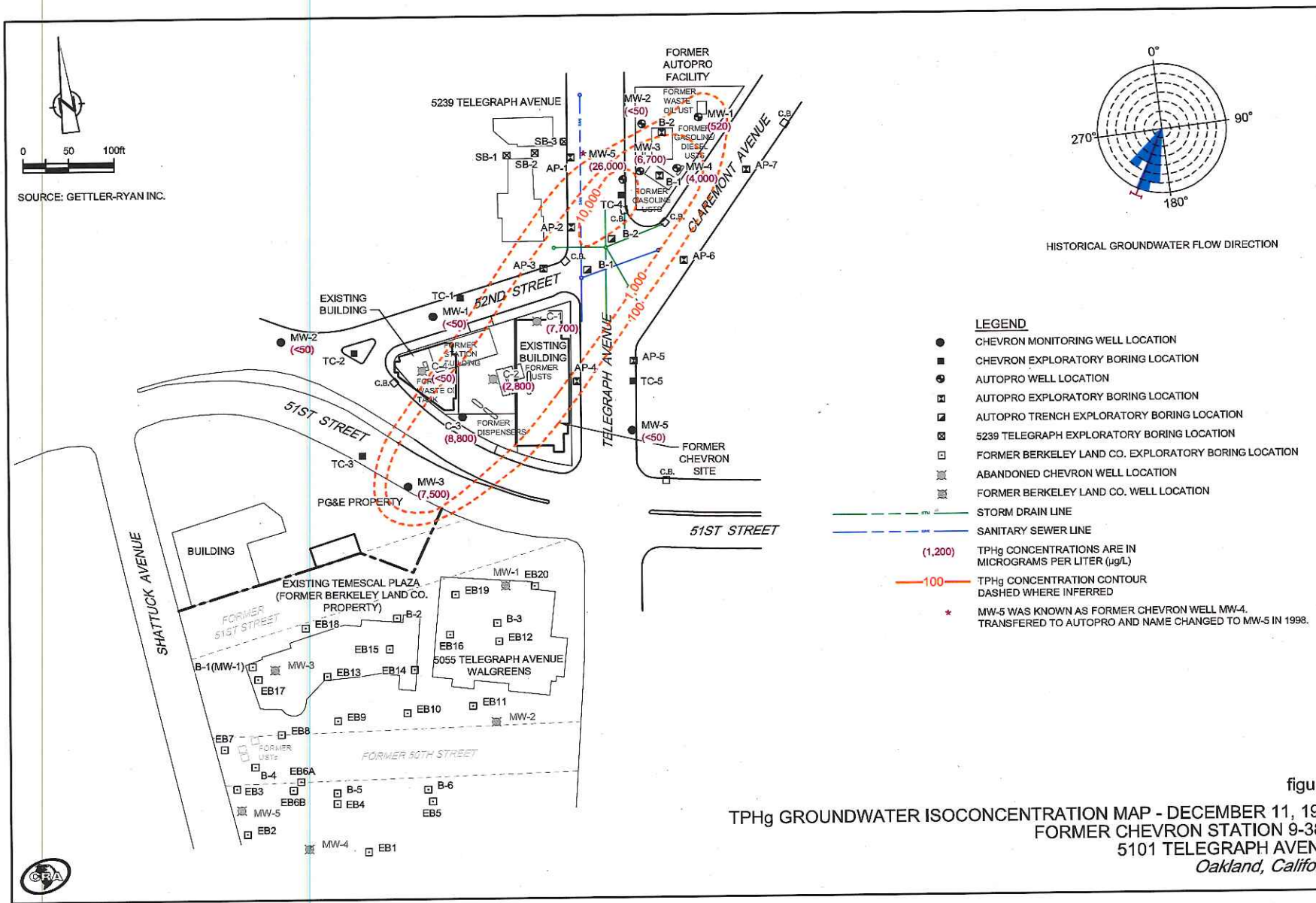


figure 4

TPHg GROUNDWATER ISOCONCENTRATION MAP - DECEMBER 11, 1996
FORMER CHEVRON STATION 9-3864
5101 TELEGRAPH AVENUE
Oakland, California

611951-400(006)GN-WA006 JUN 27/2011

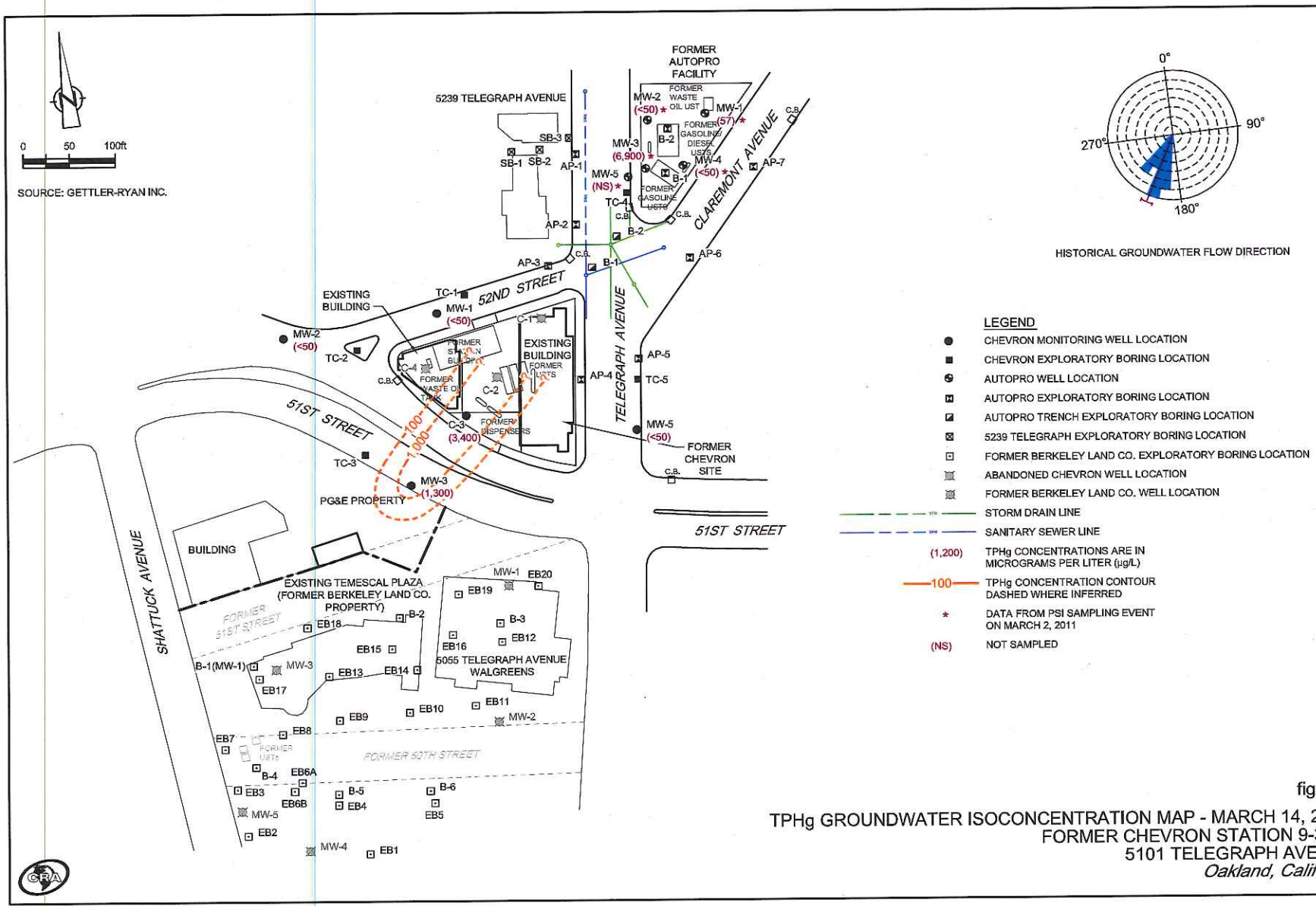


figure 3

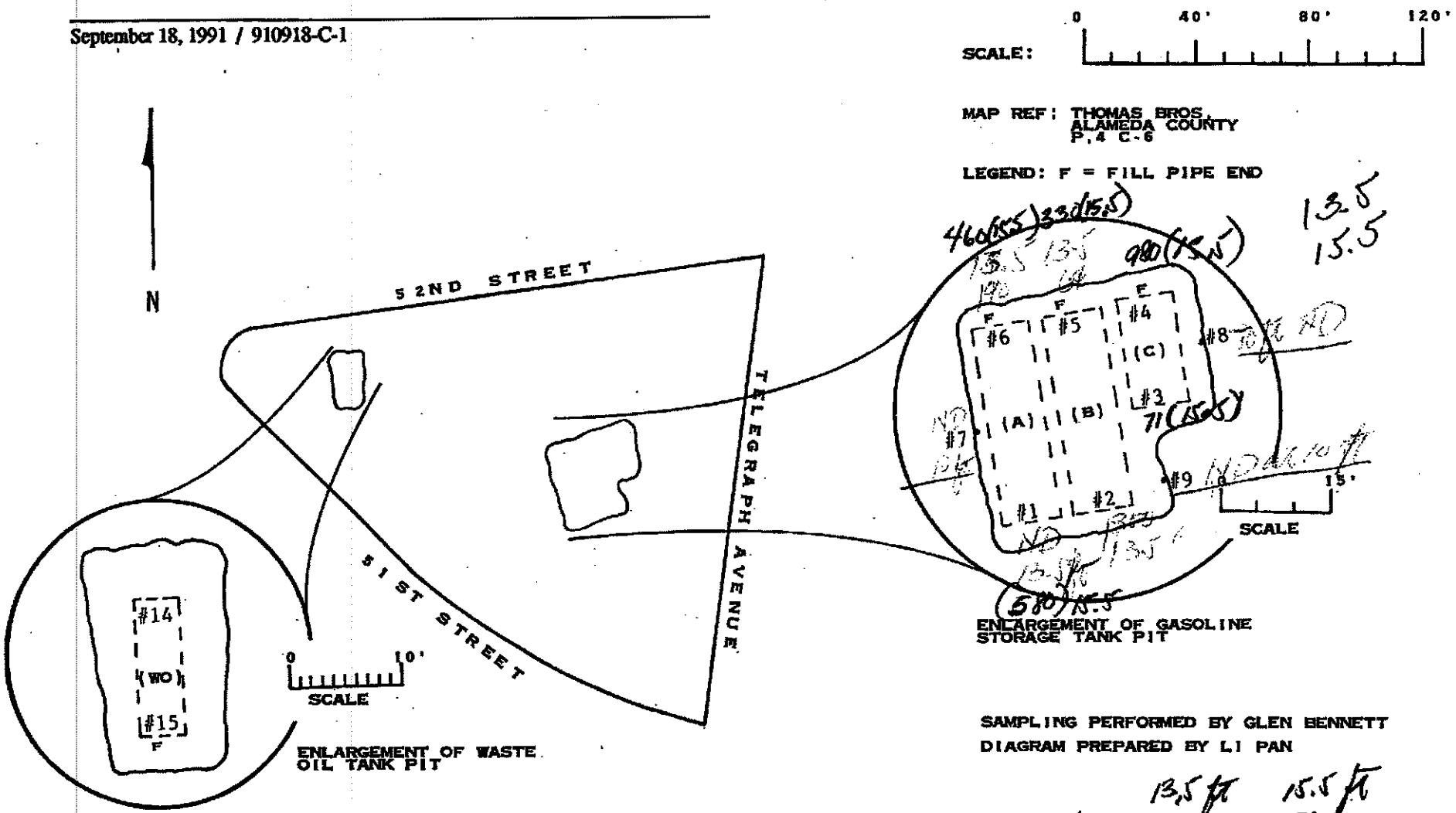
TPHg GROUNDWATER ISOCONCENTRATION MAP - MARCH 14, 2011
FORMER CHEVRON STATION 9-3864
5101 TELEGRAPH AVENUE
Oakland, California

611951-400(006)GN-WA003 AUG 11/2011

TANK REMOVAL DIAGRAM

September 18, 1991 / 910918-C-1

DIAGRAM ONE



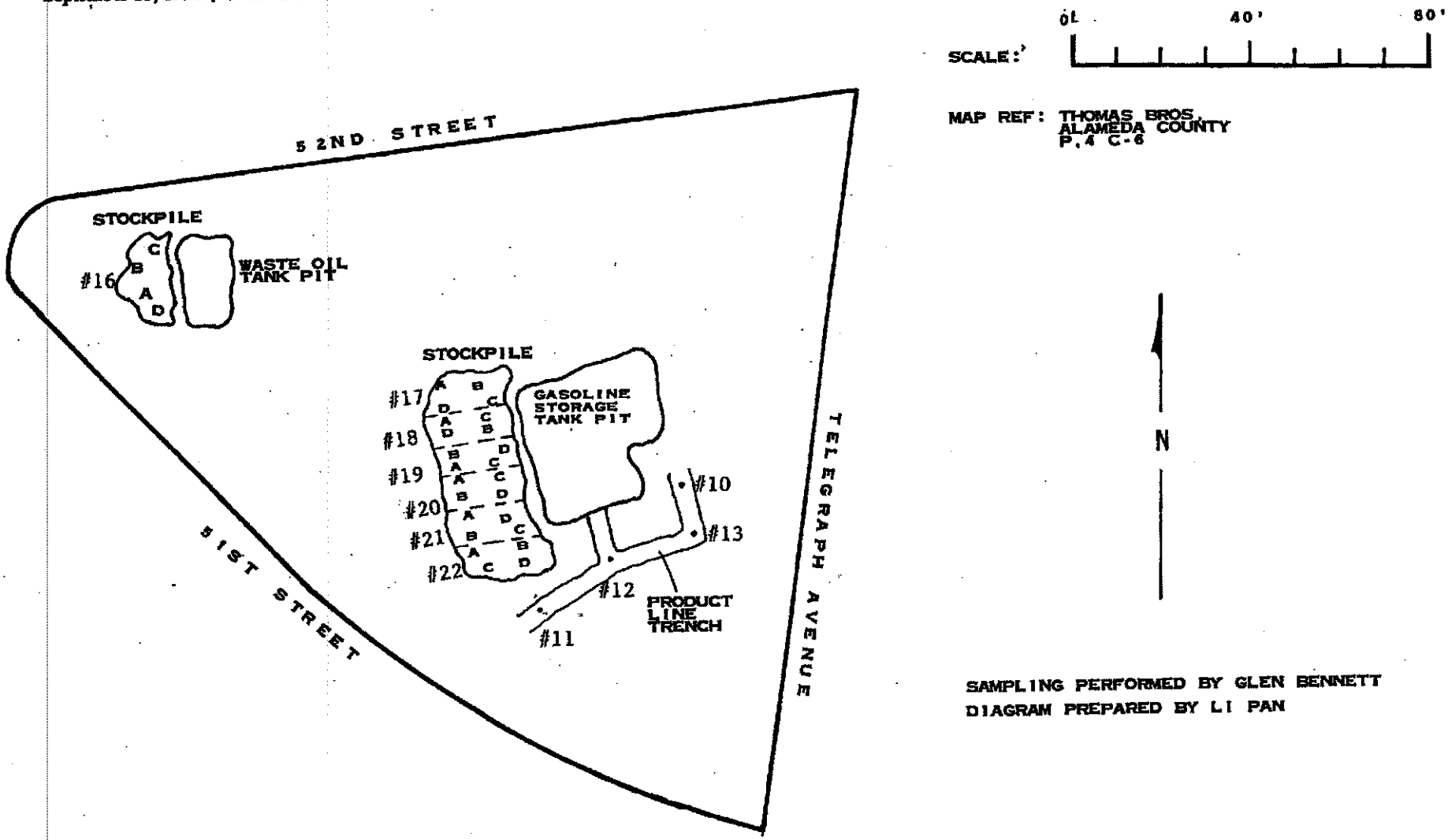
SAMPLING PERFORMED BY GLEN BENNETT
DIAGRAM PREPARED BY LI PAN

	13.5 ft	15.5 ft
1	ND	580
2	1300	
3		71
4		980
5	64	330
6	190	460
7		

TANK REMOVAL DIAGRAM

September 18, 1991 / 910918-C-1

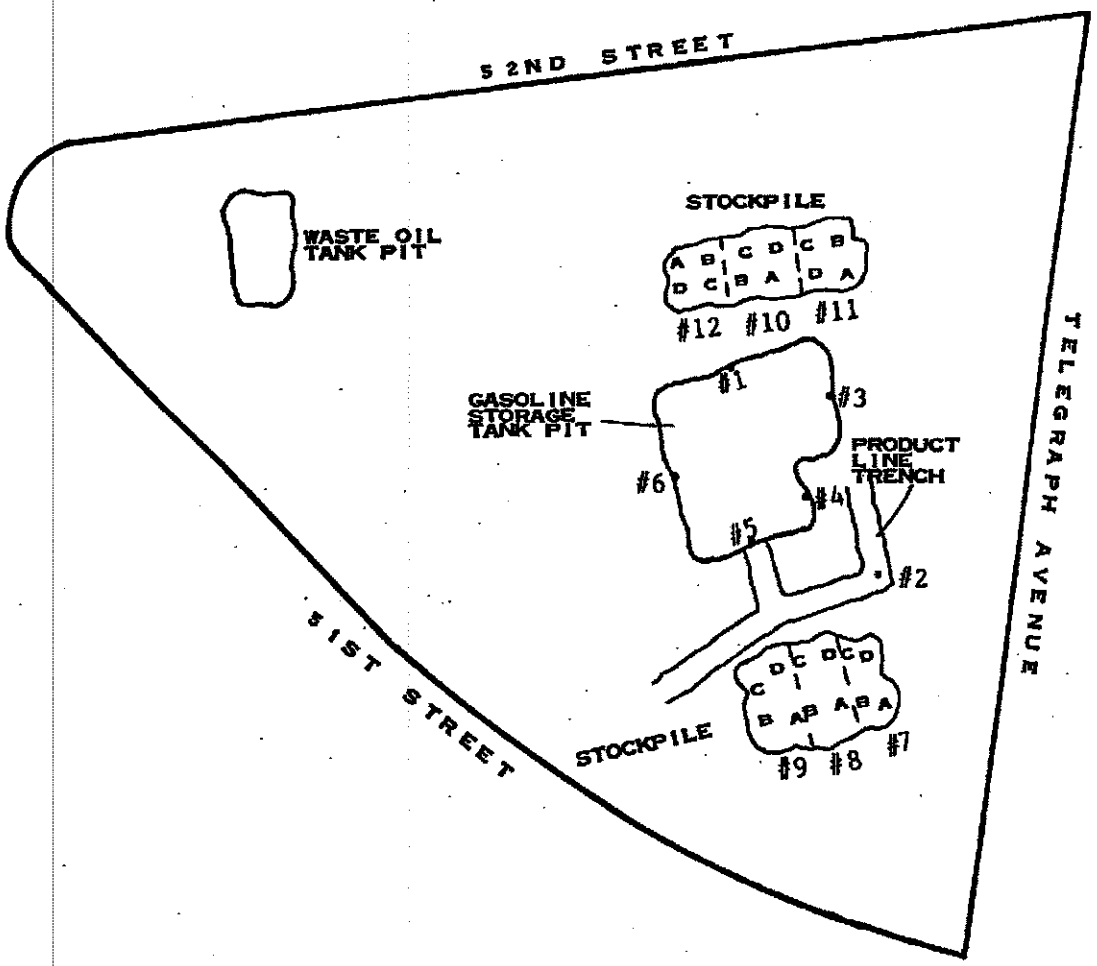
DIAGRAM TWO



SAMPLING PERFORMED BY GLEN BENNETT
DIAGRAM PREPARED BY LI PAN

ADDITIONAL EXCAVATION DIAGRAM

September 26, 1991 / 910926-C-1



SCALE: 0 40' 80'

MAP REF: THOMAS BROS. ALAMEDA COUNTY P.4 C-6

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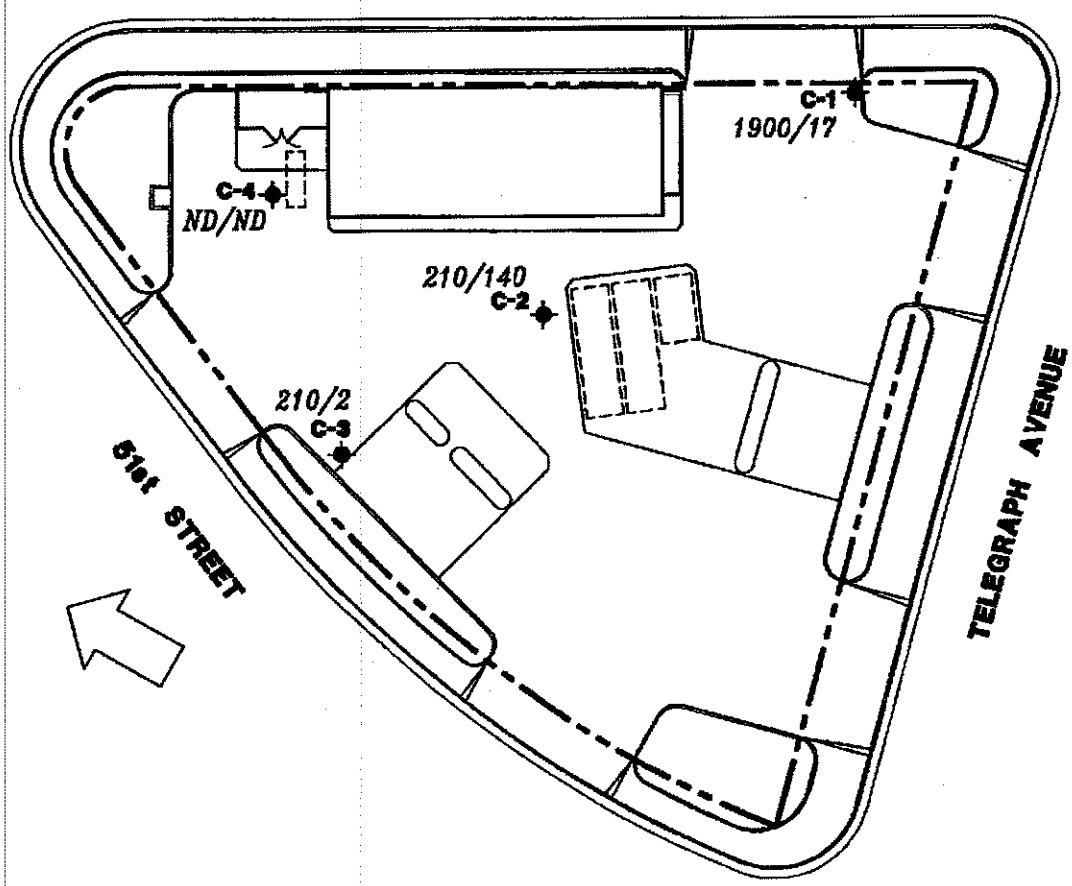
SAMPLING PERFORMED BY GLEN BENNETT

DIAGRAM PREPARED BY LI PAN



EXPLANATION

✦	Ground–water monitoring well
99/9.9	TPH–G (Total Petroleum Hydrocarbons calculated as Gasoline)/Benzene concentrations in ppb sampled on December 6, 1990
ND	Not Detected (See laboratory reports for detection limits)

N

0 40

Scale in Feet

Base Map: Chevron Ground & Grade Plan dated 11/90

GeoStrategies Inc.

TPH–G/BENZENE CONCENTRATION MAP
Chevron Service Station #3864
5101 Telegraph Avenue
Oakland, California

PLATE **4**

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
727702–2	DHP	1/91	

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
OAKLAND, CA

Boring/ Sample ID	*Sample Date*	*Sample Depth (fbg)*	*TPHd*	*TPHg*	*TOG*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*HVOCs*
			←		*concentrations in millgrams per kilogram (mg/kg)*					→
Exploratory and Monitoring Well Borings										
C-1	11/14/90	15.5	NA	**48**	NA	<0.025	**0.29**	**0.28**	**0.6**	NA
C-2	11/14/90	10.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
	11/14/90	15.5	NA	**25**	NA	**0.04**	**0.092**	**0.18**	**0.4**	NA
C-3	11/15/90	10.5	NA	<1	NA	**0.006**	**0.016**	**0.006**	**0.021**	NA
	11/15/90	15.5	NA	**270**	NA	<0.25	**0.87**	**1.5**	**3.4**	NA
C-4	11/15/90	10.5	NA	<1	<50	<0.005	<0.005	<0.005	<0.005	ND
	11/15/90	15.5	NA	<1	<50	<0.005	<0.005	<0.005	<0.005	ND
TC-1	11/30/92	10	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
	11/30/92	15	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
TC-2	11/30/92	10	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
	11/30/92	15	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
TC-3	11/30/92	10	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
	11/30/92	15	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
TC-4	12/1/92	7	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
	12/1/92	10	NA	**4.4**	NA	<0.005	**0.019**	**0.013**	**0.019**	NA
	12/1/92	13	NA	**46**	NA	<0.05	**0.18**	**0.12**	**0.07**	NA
	12/1/92	16	NA	**0.7**	NA	<0.005	<0.005	<0.005	<0.005	NA

ATTACHMENT 3

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
OAKLAND, CA

Boring/ Sample ID	*Sample Date*	*Sample Depth (fbg)*	*TPHd*	*TPHg*	*TOG*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*HVOCs*
			← *concentrations in millgrams per kilogram (mg/kg)* →							
TC-5	12/1/92	10	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
	12/1/92	16	NA	<0.3	NA	<0.005	<0.005	<0.005	<0.005	NA
B-1 (MW-1)	9/16/93	6.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/16/93	10.8	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
B-2 (MW-2)	9/20/93	6	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/20/93	11.3	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
B-3 (MW-3)	9/16/93	6.3	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/16/93	11.4	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/16/93	14.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/16/93	16.3	NA	**1**	NA	**0.007**	**0.01**	**0.005**	**0.017**	NA
B-4 (MW-4)	9/15/93	6.3	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/15/93	11.3	NA	**300**	NA	<0.025	**0.53**	**0.15**	**1.8**	NA
B-5 (MW-5)	9/16/93	6.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/16/93	11.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
	9/16/93	14.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.015	NA
Gasoline UST Excavation										
#1	9/18/91	13.5	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#2	9/18/91	13.5	NA	**1,300**	NA	<0.25	**2.3**	**2.8**	**7.6**	NA
#3	9/18/91	13.5	NA	**46**	NA	**0.1**	**0.07**	**0.21**	**0.18**	NA
#4	9/18/91	13.5	NA	**160**	NA	<0.12	<0.12	**1.6**	**3.2**	NA
#5	9/18/91	13.5	NA	**64**	NA	**0.04**	**0.04**	**0.13**	**0.32**	NA

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
OAKLAND, CA

Boring/ Sample ID	*Sample Date*	*Sample Depth (fbg)*	*TPHd*	*TPHg*	*TOG*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*HVOCs*
			← *concentrations in millgrams per kilogram (mg/kg)* →							
#6	9/18/91	13.5	NA	**190**	NA	**0.33**	**0.38**	**0.81**	**1.8**	NA
#7	9/18/91	10	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#8	9/18/91	10	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#9	9/18/91	10	NA	<1	NA	<0.005	<0.005	<0.005	0.007	NA
Dispenser and Product Line Excavation										
#10	9/18/91	2	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#11	9/18/91	3	NA	<1	NA	**0.008**	**0.009**	<0.005	**0.01**	NA
#12	9/18/91	2	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#13	9/18/91	2	NA	**53**	NA	**0.9**	**3.5**	**1.2**	**6.9**	NA
Used-Oil UST Excavation										
#14	9/18/91	11	<10	<1	<50	<0.005	<0.005	<0.005	<0.005	ND
#15	9/18/91	11.5	<10	<1	<50	<0.005	<0.005	<0.005	<0.005	ND
Gasoline UST Over-Excavation										
#1	9/26/91	15.5	NA	**580**	NA	<0.12	**1.4**	**1.5**	**3.9**	NA
#3	9/26/91	15.5	NA	**71**	NA	**0.069**	**0.12**	**0.22**	**0.57**	NA
#4	9/26/91	15.5	NA	**980**	NA	<0.12	**2.7**	**2.5**	**5.5**	NA
#5	9/26/91	15.5	NA	**330**	NA	<0.12	**0.81**	**1**	**2.7**	NA
#6	9/26/91	15.5	NA	**460**	NA	<0.12	**0.92**	**1.3**	**3**	NA
Product Line Over-Excavation										
#2	9/26/91	5	NA	**2**	NA	**0.069**	**0.092**	**0.022**	**0.18**	NA

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
OAKLAND, CA

Boring/ Sample ID	*Sample Date*	*Sample Depth (fbg)*	*TPHd*	*TPHg*	*TOG*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*HVOCs*
			← *concentrations in millgrams per kilogram (mg/kg)* →							
Samples of Excavated Soil Aerated and Used as Backfill										
#7	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#8	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#9	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#10	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#11	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#12	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#13	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#14	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#15	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#16	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#17	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#18	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#19	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#20	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA
#21	10/10/91	N/A	NA	<1	NA	<0.005	<0.005	<0.005	<0.005	NA

Notes/Abbreviations:
TPHd/TPHg = Total petroleum hydrocarbons as diesel/gasoline
TOG = Total oil and grease
HVOCs = Halogenated volatile organic compounds by EPA Method 8010
fbg = feet below grade
NA = Not analyzed
< = Not detected at or above laboratory reporting limit
ND = Not detected; reporting limits vary
N/A = Not applicable
Note: Shaded samples were collected from soil that was later excavated

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 ▪ Martinez, California 94553 ▪ (510) 229-1512 / fax (510) 229-1526

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 84123
CLIENT: Blaine Tech Services, Inc.
CLIENT JOB NO.: 911010-C1

DATE RECEIVED:10/15/91
DATE REPORTED:10/17/91

ANALYSIS FOR SOLUBLE LEAD
by Calif. Admin. Code Title 22, Paragraph 66700

LAB #	Sample Identification	Concentration(mg/L) Lead in Extract
1	#1A-D	0.2
2	#2A-D	0.2
3	#3A-D	0.2
4	#4A-D	0.5
5	#5A-D	0.2
6	#6A-D	0.2

mg/L - parts per million (ppm)

Method Detection Limit for Lead in Extract: 0.1 mg/L

QAQC Summary: MS/MSD Recovery : 99/95%
Duplicate RPD : 4

Richard Srna, Ph.D.
(FOR)
Laboratory Manager

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 84106
CLIENT: Blaine Tech Services, Inc.
CLIENT JOB NO.: 910918-C-1

DATE RECEIVED: 10/11/91
DATE REPORTED: 10/15/91

ANALYSIS FOR SOLUBLE LEAD
by Calif. Admin. Code Title 22, Paragraph 66700

LAB #	Sample Identification	Concentration (mg/L) Lead in Extract
1	#16 A-D	0.6

mg/L - parts per million (ppm)

Method Detection Limit for Lead in Extract: 0.5 mg/L

QAQC Summary: MS/MSD Average Recovery : 96/95%
Duplicate RPD : 1

Richard Srna, Ph.D.
Laboratory Manager

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 ▪ Martinez, California 94553 ▪ (510) 229-1512 / fax (510) 229-1526

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.:84106-1
CLIENT:BLAINE TECH SERVICES
CLIENT JOB #:910918-C-1

DATE RECEIVED:10/11/91
DATE REPORTED:10/15/91
CLIENT SAMPLE ID:#16A-D

TCLP METALS
RCRA SW-846 Method 1311

Compound		Results mg/L	Detection Limit mg/L
Barium	(Ba)	0.8	0.5
Cadmium	(Cd)	ND	0.5
Chromium	(Cr)	ND	0.5
Lead	(Pb)	ND	1
Silver	(Ag)	ND	0.5

mg/L = part per million (ppm)

Richard Srna, Ph.D
Laboratory Manager

MPLING LOCATIONS AND ANALYTICAL RESULTS

NOTE: Analytical results are reported in Parts Per Million or Parts Per Billion

SAMPLE MATRIX	DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS RMTL LABORATORY	LABORATORY SAMPLE I.D.	PPM TPH AS GAS	PPM BEN-ZENE	PPM TOL-UENE	PPM ETHYL BEN-ZENE	PPM XY-LENES	PPM SOLUBLE LEAD
SOIL	09/18/91	910918-C-1	#15	SUPERIOR	83940-15	ND	ND	ND	ND	ND	--
SOIL	09/18/91	910918-C-1	#14	SUPERIOR	83940-14	ND	ND	ND	ND	ND	--
SOIL	09/18/91	910918-C-1	#16A-D	SUPERIOR	83940-16	ND	ND	ND	ND	0.006	0.6

SAMPLE MATRIX	DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS RMTL LABORATORY	LABORATORY SAMPLE I.D.	PPM TPH-RMT DIESEL	PPM TOTAL OIL & GREASE	PPB EPA 8010 COMPOUNDS
SOIL	09/18/91	910918-C-1	#15	SUPERIOR	83940-15	ND	ND	ND
SOIL	09/18/91	910918-C-1	#14	SUPERIOR	83940-14	ND	ND	ND
SOIL	09/18/91	910918-C-1	#16A-D	SUPERIOR	83940-16	78 *	ND	ND

SAMPLE MATRIX	DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS RMTL LABORATORY	LABORATORY SAMPLE I.D.	PPM BARIUM	PPM CADMIUM	PPM CHROMIUM	PPM LEAD	PPM SILVER
SOIL	09/18/91	910918-C-1	#16A-D	SUPERIOR	83940-16	0.8	ND	ND	ND	ND

SAMPLE MATRIX	DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS RMTL LABORATORY	LABORATORY SAMPLE I.D.	PPM ARSENIC	PPM MERCURY	PPM SELENIUM
SOIL	09/18/91	910918-C-1	#16A-D	CLAYTON	9110108-02	<0.1	<0.1	<0.1

SAMPLE MATRIX	DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS RMTL LABORATORY	LABORATORY SAMPLE I.D.	REACTIVITY--PPM--- CYANIDE	SULFIDE	CORROSIVITY pH	IGNITABILITY FLASH POINT
SOIL	09/18/91	910918-C-1	#16A-D	CLAYTON	9110108-01	<0.3	<10	8.3	N.I.

1. Heavy hydrocarbons present in chromatogram.

ING LOCATIONS AND ANALYTICAL RESULTS

NOTE: Analytical results are reported in Parts Per Million or Parts Per Billion

DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS HMTL LABORATORY	LABORATORY SAMPLE I.D.	PPM TPH AS GAS	PPM BENZENE	PPM TOLUENE	PPM ETHYL BENZENE	PPM XYLENES	TCLP * LEAD	SOLUBLE * LEAD
09/18/91	910918-C-1	#17A-D	SUPERIOR	83940-17	65 @	ND	ND	0.58	2.6	---	---
09/18/91	910918-C-1	#18A-D	SUPERIOR	83940-18	120	0.030	0.046	0.71	2.4	---	---
09/18/91	910918-C-1	#19A-D	SUPERIOR	83940-19	6.0	0.008	0.097	0.060	0.68	---	---
09/18/91	910918-C-1	#20A-D	SUPERIOR	83940-20	ND	ND	0.006	ND	0.034	---	---
09/18/91	910918-C-1	#21A-D	SUPERIOR	83940-21	3.0	0.006	0.024	0.020	0.26	---	---
09/18/91	910918-C-1	#22A-D	SUPERIOR	83940-22	3.0	ND	0.015	0.011	0.33	---	---
09/26/91	910926-C-1	#7A-D	SUPERIOR	84002-7	540	ND	1.1	1.6	3.8	---	---
09/26/91	910926-C-1	#8A-D	SUPERIOR	84002-8	210	ND	0.27	0.56	1.4	---	---
09/26/91	910926-C-1	#9A-D	SUPERIOR	84002-9	170	ND	0.54	0.64	1.5	---	---
09/26/91	910926-C-1	#10A-D	SUPERIOR	84002-10	74	ND	0.16	0.24	0.54	---	---
09/26/91	910926-C-1	#11A-D	SUPERIOR	84002-11	320	ND	0.84	0.96	2.6	---	---
09/26/91	910926-C-1	#12A-D	SUPERIOR	84002-12	200	ND	0.55	0.69	1.6	---	---
10/10/91	911010-C-1	#1A-D	SUPERIOR	84104-1	100	ND	0.19	0.26	0.70	ND	0.2
10/10/91	911010-C-1	#2A-D	SUPERIOR	84104-2	67	ND	0.12	0.22	0.57	ND	0.2
10/10/91	911010-C-1	#3A-D	SUPERIOR	84104-3	140	ND	0.16	0.32	0.93	ND	0.2
10/10/91	911010-C-1	#4A-D	SUPERIOR	84104-4	30	ND	0.061	0.10	0.29	ND	0.5
10/10/91	911010-C-1	#5A-D	SUPERIOR	84104-5	75	ND	0.14	0.22	0.57	ND	0.2
10/10/91	911010-C-1	#6A-D	SUPERIOR	84104-6	72	ND	0.085	0.17	0.48	ND	0.2
10/10/91	911010-C-1	#7	SUPERIOR	84104-7	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#8	SUPERIOR	84104-8	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#9	SUPERIOR	84104-9	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#10	SUPERIOR	84104-10	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#11	SUPERIOR	84104-11	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#12	SUPERIOR	84104-12	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#13	SUPERIOR	84104-13	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#14	SUPERIOR	84104-14	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#15	SUPERIOR	84104-15	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#16	SUPERIOR	84104-16	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#17	SUPERIOR	84104-17	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#18	SUPERIOR	84104-18	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#19	SUPERIOR	84104-19	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#20	SUPERIOR	84104-20	ND	ND	ND	ND	ND	---	---
10/10/91	911010-C-1	#21	SUPERIOR	84104-21	ND	ND	ND	ND	ND	---	---

DATE SAMPLED	BTS CHAIN OF CUSTODY I.D.	BTS SAMPLE I.D.	NAME OF DOHS HMTL LABORATORY	LABORATORY SAMPLE I.D.	REACTIVITY---PPM--- CYANIDE	SULFIDE	CORROSIVITY pH	IGNITABILITY FLASH POINT
10/10/91	911010-C-1	#1A-D	CLAYTON	01A	<0.3	<10	7.7	N.I.
10/10/91	911010-C-1	#2A-D	CLAYTON	02A	<0.3	<10	7.7	N.I.
10/10/91	911010-C-1	#3A-D	CLAYTON	03A	<0.3	<10	7.7	N.I.
10/10/91	911010-C-1	#4A-D	CLAYTON	04A	<0.3	<10	7.9	N.I.
10/10/91	911010-C-1	#5A-D	CLAYTON	05A	<0.3	<10	7.7	N.I.
10/10/91	911010-C-1	#6A-D	CLAYTON	06A	<0.3	<10	7.5	N.I.

vy hydrocarbons present in chromatogram.

for TCLP Lead and Soluble Lead for samples #1A-D through #6A-D are 84123-1 through 84123-6.

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 12351-1
CLIENT: Blaine Tech Services
JOB NO.: 910918-C1

DATE SAMPLED: 09/18/91
DATE RECEIVED: 09/18/91
DATE ANALYZED: 09/20/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: #14

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND
Cis-1,2-Dicloroethene	5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 80% :MS/MSD RPD =< 2%

Richard Srna, Ph.D.

Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 12351-2
CLIENT: Blaine Tech Services
JOB NO.: 910918-C1

DATE SAMPLED: 09/18/91
DATE RECEIVED: 09/18/91
DATE ANALYZED: 09/20/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: #15

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND
Cis-1,2-Dicloroethene	5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 80% :MS/MSD RPD =< 2%

Richard Srna, Ph.D.

Laboratory Director

Superior Precision Analytical, Inc.
1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 12351-3
CLIENT: Blaine Tech Services
JOB NO.: 910918-C1

DATE SAMPLED: 09/18/91
DATE RECEIVED: 09/18/91
DATE ANALYZED: 09/20/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: #16A-D

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	10	ND
Bromomethane/Chloroethane	10	ND
Trichlorofluoromethane	5	ND
1,1-Dichloroethene	5	ND
Methylene Chloride	5	ND
trans-1,2-Dichloroethene	5	ND
1,1-Dichloroethane	5	ND
Chloroform	5	ND
1,1,1-Trichloroethane	5	ND
Carbon tetrachloride	5	ND
1,2-Dichloroethane	5	ND
Trichloroethylene	5	ND
1,2-Dichloropropane	5	ND
Bromodichloromethane	5	ND
Cis-1,3-Dichloropropene	5	ND
trans-1,3-Dichloropropene	5	ND
1,1,2-Trichloroethane	5	ND
Tetrachloroethene	5	ND
Dibromochloromethane	5	ND
Chlorobenzene	5	ND
Bromoform	5	ND
1,1,2,2-Tetrachloroethane	5	ND
1,3-Dichlorobenzene	5	ND
1,2-Dichlorobenzene	5	ND
1,4-Dichlorobenzene	5	ND
Cis-1,2-Dicloroethene	5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 80% :MS/MSD RPD =< 2%

Richard Srna, Ph.D.

Cecilia Jongsma (for)
Laboratory Director

TABLE 2

GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-3864
5101 TELEGRAPH AVENUE
OAKLAND, CA

Boring ID	*Sample Date*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*
		Concentrations reported in micrograms per liter (ug/L)				
TC-1	11/30/92	<50	<0.4	<0.3	<0.3	<0.4
TC-2	11/30/92	<50	<0.4	<0.3	<0.3	<0.4
TC-3	11/30/92	<50	<0.4	<0.3	<0.3	<0.4
TC-4	12/1/92	**120,000**	<200	<200	**500**	**400**
TC-5	12/1/92	**2,400**	<2	<2	<2	**3**

Abbreviations:
TPHg = Total petroleum hydrocarbons as gasoline
< = Not detected at or above stated laboratory reporting limit

ATTACHMENT 4

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-3										
12/06/90		115.70	98.84	16.86	210	2.0	<0.5	<0.5	1.0	--
12/06/90	(D)	--	--	--	220	2.0	0.6	<0.5	2.0	--
06/06/91		115.70	100.01	15.69	6,400	310	21	16	21	--
09/16/92		115.70	99.81	15.89	7,100	130	26	12	30	--
12/04/91		115.70	100.32	15.38	5,100	120	18	17	20	--
06/02/92		115.70	100.30	15.40	6,700	140	44	17	37	--
12/21/92		115.70	101.79	13.91	13,000	390	360	100	410	--
03/11/93		115.70	101.95	13.75	5,100	86	20	12	23	--
06/11/93		115.70	101.03	14.67	7,200	91	38	19	38	--
09/13/93		115.70	100.17	15.53	6,800	100	52	41	75	--
12/14/93		115.70	101.30	14.40	8,600	74	23	18	36	--
03/16/94		115.70	101.44	14.26	6,000	100	42	27	30	--
06/17/94		115.70	100.60	15.10	15,000	170	120	120	270	--
08/29/94		115.70	100.30	15.40	26,000	51	<0.5	58	107	--
12/06/94		115.70	101.90	13.80	34,000	88	140	98	390	--
03/31/95		115.70	102.91	12.79	2,800	42	<5.0	<5.0	6.6	--
06/24/95		115.70	100.84	14.86	5,200	34	<10	<10	13	--
09/12/95		115.70	100.76	14.94	7,000	45	<10	28	42	--
12/29/95		115.70	102.12	13.58	5,100	20	<10	<10	19	<50
02/29/96		115.70	102.88	12.82	2,600	15	<5.0	17	16	<25
06/26/96		115.70	101.32	14.38	4,400	<10	<10	<10	<10	<50
09/12/96		115.70	100.75	14.95	5,800	73	22	18	17	61
12/11/96		115.70	103.08	12.62	8,800	81	<20	<20	37	200
03/31/97		115.70	100.70	15.00	8,100	38	62	30	42	38
06/29/97		115.70	100.08	15.62	5,800	<10	<10	<10	67	<50
09/30/97		115.70	100.70	15.00	6,200	<10	28	21	27	130
12/12/97		115.70	103.68	12.02	330	1.6	1.1	<1.0	3.4	<5.0
02/19/98		115.70	103.26	12.44	110	1.7	<0.5	<0.5	0.51	<2.5
06/16/98		115.70	102.29	13.41	7,400	63	16	<10	<10	170
08/31/98		115.70	101.70	14.00	4,400	6.4	<2.5	5.4	16	15
12/23/98		115.70	102.91	12.79	11,000	83	37	69	76	86
03/09/99		115.70	102.70	13.00	6,500	45	38	17	30	110
06/23/99[1]		115.70	101.92	13.78	--	--	--	--	--	--
09/30/99		115.70	99.70	16.00	3,870	29.7	8.72	7.08	7.75	<50
02/29/00		115.70	102.14	13.56	2,660	22.5	<5.0	11.2	11.6	<50

Table 1

Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-3 (cont)									
09/18/00[3]	115.70	103.25	12.45	740[4]	6.0	4.5	<2.5	6.0	<13
03/21/01[3]	115.70	102.05	13.65	1,700[4]	21	12	14	19	59
09/04/01[3]	115.70	101.09	14.61	4,100	<10	4.8	6.5	14	<5.0/<2[5]
03/22/02[3,6]	115.70	102.49	13.21	3,600	<5.0	<5.0	6.1	<15	<2.5
09/16/02[3]	115.70	100.39	15.31	4,000	<10	<5.0	4.3	<10	7.9
03/28/03[3]	115.70	101.38	14.32	2,400	<2.5	<2.5	5.5	<7.5	<13
09/02/03[3,7]	115.70	101.33	14.37	2,800	1	0.9	0.9	4	<0.5
03/18/04[7,8]	115.70	101.56	14.14	5,300	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04[7]	115.70	101.50	14.20	3,200	0.8	0.8	1	3	10
03/11/05[7]	115.70	102.79	12.91	4,200	0.6	0.5	1	3	<0.5
09/29/05[7]	115.70	101.13	14.57	4,900	0.6	0.5	2	3	<0.5
03/24/06	115.70	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
09/12/06[7]	115.70	101.29	14.41	5,900	<1	<1	<1	2	<1
03/05/07[7]	115.70	102.81	12.89	4,600	<0.5	<0.5	0.8	2	<0.5
09/21/07[7]	115.70	101.39	14.31	5,000	<0.5	<0.5	0.6	1	<0.5
03/06/08[7]	115.70	102.15	13.55	3,600	<0.5	<0.5	1	1	<0.5
09/05/08[7]	115.70	101.00	14.70	2,700	<0.5	<0.5	0.9	1	<0.5
03/30/09[7]	115.70	102.28	13.42	4,200	<0.5	<0.5	0.8	3	<0.5
09/15/09[7]	115.70	100.55	15.15	4,700	<0.5	<0.5	<0.5	1	<0.5
03/02/10[7]	115.70	102.22	13.48	3,600	<0.5	<0.5	<0.5	1	<0.5
09/09/10[7]	115.70	100.73	14.97	3,800	<0.5	<0.5	<0.5	1	<0.5
03/14/11[7]	115.70	102.20	13.50	3,400	<0.5	<0.5	0.6	1	<0.5
09/13/11[7]	115.70	100.88	14.82	3,800	<0.5	<0.5	0.6	1	<0.5
03/21/12[7]	115.70	103.13	12.57	2,400	<0.5	0.9	0.5	<0.5	<0.5
09/20/12[7]	**115.70**	**100.87**	**14.83**	**4,500**	**<0.5**	**<0.5**	**<0.5**	**1**	**<0.5**
MW-1									
09/20/93	115.05	102.37	12.68	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	115.05	105.01	10.04	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	115.05	103.10	11.95	<50	<0.5	1.7	<0.5	2.1	--
06/17/94	115.05	102.51	12.54	350	1.2	3.7	2.0	12	--
08/29/94	115.05	101.98	13.07	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	115.05	104.45	10.60	140	0.9	2.8	1.1	4.2	--
03/31/95	115.05	104.74	10.31	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1 (cont)									
06/24/95	115.05	102.44	12.61	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	115.05	102.00	13.05	<50	<0.5	<0.5	<0.5	<0.5	--
02/02/96	115.05	106.19	8.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	115.05	105.39	9.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	115.05	102.85	12.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	115.05	101.55	13.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	115.05	105.90	9.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	115.05	102.30	12.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	115.05	102.01	13.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	115.05	101.80	13.25	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	115.05	106.06	8.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	115.05	105.64	9.41	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	115.02	103.48	11.54	<50	<0.5	<0.5	<0.5	<0.5	2.6
08/31/98	115.02	102.51	12.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	115.02	103.03	11.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	115.02	104.57	10.45	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	115.02	102.07	12.95	SAMPLED ANNUALLY		--	--	--	--
02/29/00	115.02	105.90	9.12	<50	<0.5	0.816	<0.5	<0.5	<5.0
09/18/00	115.02	104.14	10.88	--	--	--	--	--	--
03/21/01	115.02	104.01	11.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	115.02	103.60	11.42	--	--	--	--	--	--/<2[5]
03/22/02[6]	115.02	104.68	10.34	100	<0.50	24	0.80	4.9	15
09/16/02	115.02	102.35	12.67	SAMPLED ANNUALLY		--	--	--	--
03/28/03	115.02	103.29	11.73	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03	115.02	102.74	12.28	SAMPLED ANNUALLY		--	--	--	--
03/18/04[7]	115.02	103.11	11.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04	115.02	101.89	13.13	SAMPLED ANNUALLY		--	--	--	--
03/11/05[7]	115.02	104.29	10.73	<50	<0.5	2	<0.5	<0.5	<0.5
09/29/05	115.02	101.97	13.05	SAMPLED ANNUALLY		--	--	--	--
03/24/06[7]	115.02	104.61	10.41	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06	115.02	101.91	13.11	SAMPLED ANNUALLY		--	--	--	--
03/05/07[7]	115.02	103.93	11.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07	115.02	102.07	12.95	SAMPLED ANNUALLY		--	--	--	--
03/06/08[7]	115.02	102.92	12.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08	115.02	102.54	12.48	SAMPLED ANNUALLY		--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1 (cont)									
03/30/09[7]	115.02	103.64	11.38	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/09	115.02	102.06	12.96	SAMPLED ANNUALLY		--	--	--	--
03/02/10[7]	115.02	103.27	11.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/09/10	115.02	102.24	12.78	SAMPLED ANNUALLY		--	--	--	--
03/14/11[7]	115.02	103.37	11.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/11	115.02	99.52	15.50	SAMPLED ANNUALLY		--	--	--	--
03/21/12[7]	115.02	105.76	9.26	<50	<0.5	3	<0.5	<0.5	<0.5
09/20/12	**115.02**	**103.21**	**11.81**	**SAMPLED ANNUALLY**		--	--	--	--
MW-2									
09/20/93	112.08	99.93	12.15	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	112.08	97.36	14.72	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	112.08	100.92	11.16	<50	<0.5	1.1	<0.5	0.9	--
06/17/94	112.08	100.41	11.67	330	1.4	3.3	1.9	11	--
08/29/94	112.08	100.08	12.00	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	112.08	102.57	9.51	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	112.08	103.24	8.84	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	112.08	100.44	11.64	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	112.08	100.00	12.08	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	112.08	101.58	10.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	112.08	104.08	8.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	112.08	100.58	11.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	112.08	99.81	12.27	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	112.08	104.17	7.91	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	112.08	100.20	11.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	112.08	99.89	12.19	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	112.08	99.46	12.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	112.08	102.85	9.23	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	112.08	104.87	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	112.03	101.10	10.93	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	112.03	99.69	12.34	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	112.03	100.59	11.44	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	112.03	103.23	8.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	112.03	101.22	10.81	SAMPLED ANNUALLY		--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)									
02/29/00	112.03	105.12	6.91	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/18/00	112.03	101.00	11.03	--	--	--	--	--	--
03/21/01	112.03	101.61	10.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	112.03	101.04	10.99	--	--	--	--	--	--/<2[5]
03/22/02	112.03	102.14	9.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/16/02	112.03	100.02	12.01	SAMPLED ANNUALLY		--	--	--	--
03/28/03	112.03	101.23	10.80	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03	112.03	100.15	11.88	SAMPLED ANNUALLY		--	--	--	--
03/18/04[7]	112.03	101.04	10.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04	112.03	99.15	12.88	SAMPLED ANNUALLY		--	--	--	--
03/11/05[7]	112.03	102.13	9.90	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/29/05	112.03	99.33	12.70	SAMPLED ANNUALLY		--	--	--	--
03/24/06[7]	112.03	103.04	8.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06	112.03	98.97	13.06	SAMPLED ANNUALLY		--	--	--	--
03/05/07[7]	112.03	101.57	10.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07	112.03	99.35	12.68	SAMPLED ANNUALLY		--	--	--	--
03/06/08[7]	112.03	100.98	11.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08	112.03	99.22	12.81	SAMPLED ANNUALLY		--	--	--	--
03/30/09[7]	112.03	101.23	10.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/09	112.03	98.84	13.19	SAMPLED ANNUALLY		--	--	--	--
03/02/10[7]	112.03	101.34	10.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/09/10	112.03	99.00	13.03	SAMPLED ANNUALLY		--	--	--	--
03/14/11[7]	112.03	100.14	11.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/11	112.03	98.64	13.39	SAMPLED ANNUALLY		--	--	--	--
03/21/12[7]	112.03	104.28	7.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/20/12	**112.03**	**99.58**	**12.45**	**SAMPLED ANNUALLY**		--	--	--	--
MW-3									
09/20/93	113.67	97.25	16.42	6,600	400	11	32	23	--
12/14/93	113.67	98.95	14.72	8,400	390	9.4	13	<2.5	--
03/16/94	113.67	98.45	15.22	6,900	260	30	32	27	--
06/17/94	113.67	97.62	16.05	10,000	190	61	58	190	--
08/29/94	113.67	97.44	16.23	7,200	74	9.8	26	24	--
12/06/94	113.67	99.35	14.32	13,000	610	86	88	140	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)									
03/31/95	113.67	99.98	13.69	4,300	120	<10	12	<10	--
06/24/95	113.67	98.02	15.65	6,200	210	24	29	12	--
09/12/95	113.67	97.68	15.99	7,200	190	<20	<20	<20	--
12/29/95	113.67	99.67	14.00	7,100	200	<10	45	24	<50
02/29/96	113.67	100.91	12.76	1,200	30	<5.0	<5.0	<5.0	<25
06/26/96	113.67	98.44	15.23	7,900	180	<20	35	28	240
09/12/96	113.67	97.73	15.94	11,000	150	<5.0	35	28	170
12/11/96	113.67	99.86	13.81	7,500	75	8.8	30	45	110
03/31/97	113.67	98.23	15.44	8,700	100	<10	20	23	50
06/29/97	113.67	97.99	15.68	9,300	120	28	22	19	150
09/30/97	113.67	97.76	15.91	8,200	78	<10	22	25	96
12/12/97	113.67	100.82	12.85	68	1.8	<0.5	<0.5	<0.5	<2.5
02/19/98	113.67	100.41	13.26	220	5.6	1.5	<0.5	<0.5	6.1
06/16/98	113.63	99.12	14.51	7,500	97	21	21	27	160
08/31/98	113.63	98.62	15.01	7,600	24	<2.5	9.5	16	38
12/23/98	113.63	100.03	13.60	5,800	69	<50	<50	<50	<250
03/09/99	113.63	99.59	14.04	5,300	<10	<10	16	20	88
06/23/99[1]	113.63	--	--	--	--	--	--	--	--
07/19/99[1]	113.63	--	--	--	--	--	--	--	--
09/30/99	113.63	96.74	16.89	8,660	53.7	16.9	17	19.6	132
02/29/00	113.63	INACCESSIBLE	--	--	--	--	--	--	--
09/18/00[3]	113.63	100.41	13.22	2,400[4]	14	6.8	4.7	7.4	28
03/21/01[3]	113.63	98.88	14.75	7,600[4]	41	30	<25	50	160
09/04/01	113.63	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--
03/22/02[3]	113.63	99.46	14.17	7,600	<10	4.2	11	<25	<5.0
09/16/02[3]	113.63	97.34	16.29	5,900	<20	<10	7.7	<15	21
03/28/03[3]	113.63	98.67	14.96	3,500	<20	3.3	7.3	10	<13
09/02/03[3,7]	113.63	98.20	15.43	4,500	3	2	2	5	<0.5
03/18/04[7,8]	113.63	98.91	14.72	5,300	3	1	3	4	<0.5
09/15/04	113.63	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--
03/11/05[7]	113.63	99.72	13.91	4,500	2	1	2	4	<0.5
09/29/05[7]	113.63	98.06	15.57	5,300	3	1	2	4	<0.5
03/24/06[7]	113.63	100.10	13.53	3,300	1	0.6	1	2	<0.5
09/12/06[7]	113.63	98.16	15.47	6,100	2	1	2	4	<0.5
03/05/07[7]	113.63	99.69	13.94	4,000	1	0.6	0.8	2	<0.5

Table 1

Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)									
09/21/07[7]	113.63	98.24	15.39	5,900	2	1	1	4	<0.5
03/06/08[7]	113.63	99.02	14.61	3,900	2	0.8	2	3	<0.5
09/05/08[7]	113.63	98.13	15.50	5,100	1	0.7	2	3	<0.5
03/30/09[7]	113.63	99.13	14.50	4,800	2	0.7	1	3	<0.5
09/15/09	113.63	INACCESSIBLE	--	--	--	--	--	--	--
03/02/10[7]	113.63	99.41	14.22	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/09/10[7]	113.63	98.32	15.31	4,000	1	0.5	0.7	3	<0.5
03/14/11[7]	113.63	99.46	14.17	1,300	<0.5	<0.5	<0.5	0.6	<0.5
09/13/11[7]	113.63	97.88	15.75	4,300	1	0.6	0.7	3	<0.5
03/21/12[7]	113.63	100.13	13.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/20/12	**113.63**	**INACCESSIBLE**	--	--	--	--	--	--	--
MW-5									
09/20/93	116.74	101.43	15.31	590	25	1.8	0.6	2.0	--
12/14/93	116.74	102.19	14.55	210	11	6.3	2.3	6.1	--
03/16/94	116.74	101.77	14.97	270	12	16	4.8	17	--
06/17/94	116.74	101.36	15.38	220	24	17	6.7	28	--
08/29/94	116.74	101.54	15.20	1,000	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.74	102.09	14.65	110	9.2	9.7	2.2	11	--
03/31/95	116.74	103.04	13.70	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.74	101.95	14.79	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.74	102.15	14.59	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.74	101.76	14.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.74	103.07	13.67	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.74	102.50	14.24	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.74	102.12	14.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.74	102.93	13.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	116.74	101.29	15.45	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	116.74	102.07	14.67	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	116.74	101.89	14.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	116.74	102.99	13.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	116.74	103.68	13.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	116.70	102.35	14.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	116.70	101.54	15.16	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5 (cont)									
12/23/98	116.70	102.15	14.55	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/99	116.70	102.63	14.07	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	116.70	100.80	15.90	SAMPLED ANNUALLY		--	--	--	--
02/29/00	116.70	103.40	13.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/18/00	116.70	101.62	15.08	--	--	--	--	--	--
03/21/01	116.70	102.04	14.66	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	116.70	101.26	15.44	--	--	--	--	--	--/<2[5]
03/22/02[6]	116.70	101.99	14.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/16/02	116.70	101.02	15.68	SAMPLED ANNUALLY		--	--	--	--
03/28/03	116.70	101.65	15.05	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/02/03	116.70	101.34	15.36	SAMPLED ANNUALLY		--	--	--	--
03/18/04[7]	116.70	102.14	14.56	<50	1	0.7	1	3	<0.5
09/15/04	116.70	101.30	15.40	SAMPLED ANNUALLY		--	--	--	--
03/11/05[7]	116.70	102.50	14.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/29/05	116.70	101.23	15.47	SAMPLED ANNUALLY		--	--	--	--
03/24/06[7]	116.70	102.77	13.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06	116.70	102.03	14.67	SAMPLED ANNUALLY		--	--	--	--
03/05/07[7]	116.70	102.03	14.67	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07	116.70	101.10	15.60	SAMPLED ANNUALLY		--	--	--	--
03/06/08[7]	116.70	102.20	14.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08	116.70	101.24	15.46	SAMPLED ANNUALLY		--	--	--	--
03/30/09[7]	116.70	101.90	14.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/09	116.70	100.83	15.87	SAMPLED ANNUALLY		--	--	--	--
03/02/10[7]	116.70	102.40	14.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/09/10	116.70	101.00	15.70	SAMPLED ANNUALLY		--	--	--	--
03/14/11[7]	116.70	102.51	14.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/11	116.70	103.81	12.89	SAMPLED ANNUALLY		--	--	--	--
03/21/12[7]	116.70	102.33	14.37	<50	<0.5	1	<0.5	<0.5	<0.5
09/20/12	**116.70**	**101.09**	**15.61**	**SAMPLED ANNUALLY**		--	--	--	--
C-1									
12/06/90	117.45	102.11	15.34	1,900	17	11	3.0	21	--
06/06/91	117.45	102.83	14.62	3,400	21	15	11	18	--
12/04/91	117.45	102.97	14.48	2,700	22	16	13	23	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-1 (cont)									
06/02/92	117.45	102.92	14.53	1,900	170	170	13	83	--
09/16/92	117.45	102.52	14.93	810	5.8	5.7	2.0	6.3	--
12/21/92	117.45	103.72	13.73	75	2.4	2.9	1.4	4.7	--
03/11/93	117.45	103.62	13.83	150	2.4	20	3.3	23	--
06/11/93	117.45	103.26	14.19	400	4.3	2.3	1.0	3.5	--
09/13/93	117.45	102.85	14.60	4,100	62	43	34	57	--
12/14/93	117.45	103.67	13.78	3,100	9.5	4.5	1.2	11	--
03/16/94	117.45	103.44	14.01	410	6.3	3.1	1.3	4.5	--
06/17/94	117.45	102.90	14.55	3,700	100	42	30	91	--
08/29/94	117.45	102.96	14.49	2,600	15	<0.5	6.7	9.7	--
12/06/94	117.45	104.04	13.41	510	2.0	2.2	1.7	9.4	--
03/31/95	117.45	105.33	12.12	5,440	9.0	2.3	2.0	3.6	--
06/24/95	117.45	103.45	14.00	260	5.8	1.0	0.94	0.88	--
09/12/95	117.45	103.42	14.03	650	14	1.1	1.6	2.4	--
12/29/95	117.45	104.50	12.95	990	32	6.3	4.0	3.2	46
02/29/96	117.45	105.27	12.18	840	2.5	<1.0	2.6	7.3	<5.0
06/26/96	117.45	103.72	13.73	290	3.6	0.73	1.0	1.1	9.9
09/12/96	117.45	103.32	14.13	1,200	17	1.8	4.0	4.4	24
12/11/96	117.45	104.66	12.79	7,700	<10	53	19	44	87
ABANDONED									
C-2									
12/06/90	116.16	100.82	15.34	210	140	9.0	2.0	11	--
06/06/91	116.16	101.54	14.62	4,800	340	23	19	23	--
12/04/91	116.16	100.73	15.43	3,900	85	15	9.1	15	--
06/02/92	116.16	101.74	14.42	3,300	76	9.2	14	15	--
09/16/92	116.16	101.35	14.81	3,000	16	15	3.4	7.5	--
12/21/92	116.16	102.79	13.37	2,200	21	12	7.1	15	--
03/11/93	116.16	102.69	13.47	2,200	33	24	12	25	--
06/11/93	116.16	102.18	13.98	2,600	21	25	11	26	--
09/13/93	116.16	101.61	14.55	2,100	31	25	18	39	--
12/14/93	116.16	102.46	13.70	3,800	<2.5	24	12	20	--
03/16/94	116.16	102.51	13.65	2,600	12	15	10	17	--
06/17/94	116.16	102.87	13.29	2,400	17	19	28	71	--
08/29/94	116.16	111.60	4.56	3,000	29	15	20	4.2	--

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5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-2 (cont)									
12/06/94	116.16	102.98	13.18	1,900	7.9	30	14	31	--
03/31/95	116.16	104.10	12.06	890	<1.3	<1.3	2.6	<1.3	--
06/24/95	116.16	102.19	13.97	730	4.8	<0.5	5.4	0.96	--
09/12/95	116.16	102.28	13.88	1,600	<2.5	<2.5	5.4	<2.5	--
12/29/95	116.16	103.31	12.85	1,000	9.1	2.7	8.7	2.7	19
02/29/96	116.16	104.09	12.07	850	<2.5	<2.5	8.7	11	<12
06/26/96	116.16	102.50	13.66	2,500	14	<5.0	13	6.3	<25
09/12/96	116.16	102.25	13.91	1,800	26	19	17	31	37
12/11/96	116.16	103.82	12.34	2,800	<5.0	34	14	<5.0	41
ABANDONED									
C-4									
12/06/90	116.10	98.42	17.68	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	116.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	116.10	99.61	16.49	<50	1.0	1.0	<0.5	0.7	--
12/04/91	116.10	99.28	16.82	70	6.5	9.8	1.7	8.6	--
06/02/92	116.10	99.18	16.92	70	3.0	4.4	1.8	9.0	--
09/16/92	116.10	98.39	17.71	<50	1.4	1.8	<0.5	1.1	--
12/21/92	116.10	100.74	15.36	<50	0.6	0.7	<0.5	1.5	--
03/11/93	116.10	100.61	15.49	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	116.10	99.83	16.27	52	0.9	3.1	0.7	3.8	--
09/13/93	116.10	98.92	17.18	64	0.9	1.0	<0.5	1.7	--
12/14/93	116.10	101.03	15.07	<50	<0.5	0.8	<0.5	0.7	--
03/16/94	116.10	100.19	15.91	<50	<0.5	1.0	<0.5	0.8	--
06/17/94	116.10	99.46	16.64	230	0.6	2.2	2.2	11	--
08/29/94	116.10	99.05	17.05	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.10	101.52	14.58	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	116.10	102.26	13.84	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.10	100.05	16.05	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.10	99.87	16.23	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.10	101.35	14.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.10	102.40	13.70	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.10	100.30	15.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-4 (cont)									
09/12/96	116.10	99.67	16.43	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.10	103.18	12.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5
ABANDONED									
MW-4									
09/20/93	118.10	107.17	10.93	5,800	16	4.2	35	48	--
12/14/93	118.10	108.33	9.77	7,100	19	6.5	24	35	--
03/16/94	118.10	107.99	10.11	8,500	83	43	60	70	--
06/17/94	118.10	107.20	10.90	21,000	150	20	140	350	--
08/29/94	118.10	107.28	10.82	10,000	86	71	44	85	--
12/06/94	118.10	108.70	9.40	13,000	68	56	67	110	--
03/31/95	118.10	109.31	8.79	6,700	100	9.4	26	23	--
06/24/95	118.10	107.60	10.50	6,300	<20	<20	<20	24	--
09/12/95	118.10	107.90	10.20	7,100	65	16	<10	21	--
12/29/95	118.10	108.86	9.24	3,300	<10	<10	12	14	720
02/29/96	118.10	111.85	6.25	5,100	<10	37	23	21	85
06/26/96	118.10	107.92	10.18	6,800	<20	<20	<20	<20	<100
09/12/96	118.10	107.53	10.57	13,000	150	<10	38	35	240
12/11/96	118.10	109.39	8.71	26,000	<20	<20	<20	170	<100
03/31/97	118.10	107.18	10.92	12,000	120	74	45	70	240
06/29/97	118.10	106.43	11.67	8,800	24	<10	35	36	62
09/30/97	118.10	107.20	10.90	10,000	<10	<10	37	35	72
12/12/97	118.10	105.16	12.94	4,600	95	41	20	25	91
02/19/98	118.10	110.33	7.77	5,400	87	16	32	31	110
06/16/98[2]	118.08	107.82	10.26	10,000	<20	<20	35	37	150
NOT MONITORED/SAMPLED									
TRIP BLANK									
12/06/90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/04/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/02/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/16/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
TRIP BLANK (cont)									
12/21/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/11/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/13/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/11/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.9
03/09/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/29/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/18/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/21/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/04/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA									
03/22/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/16/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/28/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA (cont)									
09/02/03[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/18/04[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/04[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/29/05[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/24/06[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/12/06[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/05/07[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/21/07[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/06/08[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/08[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/30/09[7]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED									

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to February 9, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether

(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
(D) = Duplicate
QA = Quality Assurance/Trip Blank

1 ORC installed.
2 Transfer of title to Tri-Star Partnership, Inc. effective July 14, 1998.
3 ORC in well.
4 Laboratory report indicates gasoline C6-C12.
5 MTBE by EPA Method 8260.
6 Split samples taken by Harding ESE.
7 BTEX and MTBE by EPA Method 8260.
8 ORC removed from well.

Table 2
Dissolved Oxygen Concentrations
Former Chevron Service Station #9-3864
5101 Telegraph Avenue
Oakland, California

WELL ID	DATE	PRE-PURGE (mg/L)	POST-PURGE (mg/L)
C-3[1]	09/18/00	3.64	--
	03/21/01	1.00	--
	09/04/01	1.40	--
	03/22/02	1.10	--
	09/16/02	1.20	--
	03/28/03[2]	--	--
	09/02/03	0.80	--
	03/18/04[3]	0.56	--
MW-3[1]	09/18/00	4.01	--
	03/21/01	1.30	--
	09/04/01	INACCESSIBLE - CAR PARKED OVER WELL	
	03/22/02	1.30	--
	09/16/02	1.00	--
	03/28/03[2]	--	--
	09/02/03	0.90	--
	03/18/04[3]	1.21	--

EXPLANATIONS:

(mg/L) = Milligrams per liter
-- = Not Measured

[1] ORC in well.
[2] Meter inoperable; unable to take Dissolved Oxygen measurements
[3] ORC removed from well.

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-2	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--
MW-3	09/02/03	--	<0.5	--	--	--	--	--
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	09/29/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	09/12/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	09/21/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	09/05/08	--	<0.5	--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	09/15/09	INACCESSIBLE	--	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	09/09/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	09/13/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--
	09/20/12	INACCESSIBLE	--	--	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
C-3	09/04/01	<100	<2	<2	<2	<2	<2	<2
	09/02/03	--	<0.5	--	--	--	--	--
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	--	10	--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	09/29/05	--	<0.5	--	--	--	--	--
	03/24/06	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--
	09/12/06	--	<1	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	09/21/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	09/05/08	--	<0.5	--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	09/15/09	--	<0.5	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	09/09/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	09/13/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--
	09/20/12	--	1	--	--	--	--	--
MW-1	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-2	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--
MW-3	09/02/03	--	<0.5	--	--	--	--	--
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	09/29/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	09/12/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	09/21/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	09/05/08	--	<0.5	--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	09/15/09	INACCESSIBLE	--	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	09/09/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	09/13/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--
	09/20/12	INACCESSIBLE	--	--	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-5	09/04/01	<100	<2	<2	<2	<2	<2	<2
	03/18/04	--	<0.5	--	--	--	--	--
	09/15/04	SAMPLED ANNUALLY		--	--	--	--	--
	03/30/09	--	<0.5	--	--	--	--	--
	03/11/05	--	<0.5	--	--	--	--	--
	03/24/06	--	<0.5	--	--	--	--	--
	03/05/07	--	<0.5	--	--	--	--	--
	03/06/08	--	<0.5	--	--	--	--	--
	03/02/10	--	<0.5	--	--	--	--	--
	03/14/11	--	<0.5	--	--	--	--	--
	03/21/12	--	<0.5	--	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-3864

5101 Telegraph Avenue

Oakland, California

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

ATTACHMENT 5

Field location of boring: (See Plate 2)	Project No.: 7277	Date: 11/14/90	Boring No: C-1
	Client: Chevron Service Station No. 3864		
	Location: 5101 Telegraph Avenue		
	City: Oakland, California		Sheet 1 of 2
	Logged by: RCM	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data: (See Well Construction Detail)		
Hole diameter: 8-Inches	Top of Box Elevation: 117.45		Datum: MSL

Water Level	15.00'	19.25'
Time	10:20	11:45
Date	11/14/90	11/14/90

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.0 feet.
				2				
				3				
				4				
	500	S&H	C-1-					SILT (ML) - very dark gray (10YR 3/1), damp, medium
0	500	push	5.0	5				stiff, low plasticity; 75% silt; 10% clay; 10% sand; 5% fine
				6				gravel; rootholes; organic matter.
				7				
				8				
				9				
	11							
0	11	S&H	C-1-	10				SAND (SW) - brownish yellow (10YR 6/6), damp,
	13		10.5					medium dense; 85% sand; 10% fine gravel; 5% silt;
				11				Fe-oxide staining.
				12				
				13				
				14				
	11							
808	11	S&H	C-1-	15		▽		CLAYEY GRAVEL with SAND (GC) - dark greenish gray
	15		15.5					(5GY 4/1), saturated, medium dense; 65% gravel; 20%
				16				sand; 15% clay.
				17				
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

Field location of boring:	Project No.: 7277	Date: 11/14/90	Boring No:
(See Plate 2)	Client: Chevron Service Station No. 3864		C-1
	Location: 5101 Telegraph Avenue		
	City: Oakland, California		Sheet 2
	Logged by: RCM	Driller: Bayland	of 2
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8-Inches	Top of Box Elevation:	Datum:	

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	7			20				CLAYEY SAND (SC) - light olive brown (2.5Y 6/6), saturated, medium dense; 75% sand; 15% clay; 10% gravel.
14.2	8	S&H	C-1-					
	6		20.5					
				21				CLAYEY SILT (ML/CL) - yellowish brown (10YR 5/6), saturated, stiff; 65% silt; 25% clay; 10% fine sand.
				22				
				23				
				24				
	7							SAND with CLAY (SW-SC) - dark yellowish brown (10YR 4/4), saturated, medium dense; 85% coarse sand; 10% clay; 5% gravel.
42.8	10	S&H	C-1-	25				
	19		25.5					
				26				
				27				
				28				
				29				
	4							SANDY CLAY (CL) - dark yellowish brown (10YR 4/6), damp, very stiff, medium plasticity; 70% clay; 25% sand; 5% silt.
19.0	7	S&H	C-1-	30				
	12		30.5					
				31				
				32				
				33				
	7							COLOR CHANGE to strong brown (7.5YR 4/6), hard; increasing sand to 30% at 33.5 feet.
	16	SPT		34				
	29							
				35				
								Bottom of sample at 34.5 feet.
				36				Bottom of boring at 34.5 feet.
								11/14/90
				37				
				38				
				39				

Remarks:

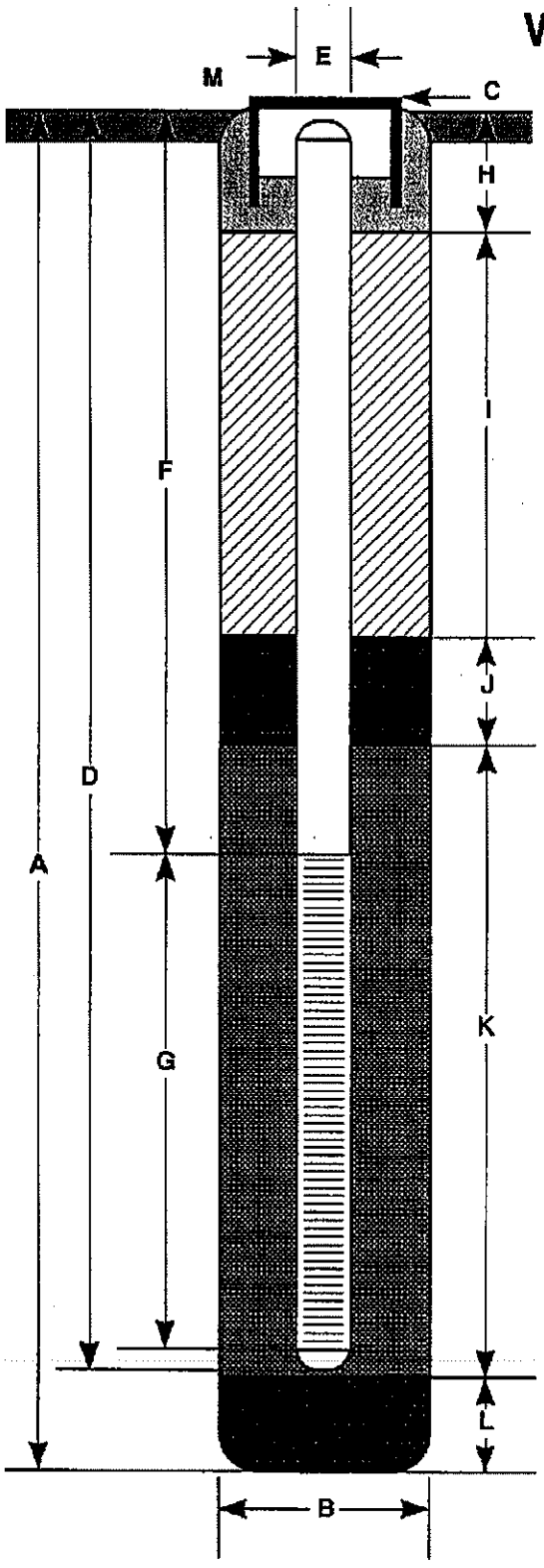
GeoStrategies Inc.

Log of Boring

BORING NO. C-1

JOB NUMBER	REVIEWED BY RQ/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 34.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 117.45 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 10 ft.

G Perforated Length 19.5 ft.
Perforated Interval from 10 to 29.5 ft.
Perforation Type Factory Slotted
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 6 ft.
Backfill Material Concrete

J Seal from 6 to 8 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 8 to 30 ft.
Pack Material Lonestar #2/12 Sand

L Bottom Seal 4.5 ft.
Seal Material Bentonite Pellets

M Vault box with locking cap, lock and cover.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
C-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

Field location of boring: (See Plate 2)	Project No.: 7277	Date: 11/14/90	Boring No: C-2
	Client: Chevron Service Station No. 3864		
	Location: 5101 Telegraph Avenue		
	City: Oakland, California		Sheet 1 of 2
	Logged by: RCM	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data: (See Well Construction Detail)		
Hole diameter: 8-Inches	Top of Box Elevation: 116.16		Datum: MSL

Water Level	15.5'	15.4'	
Time	14:45	8:45	
Date	11/14/90	11/15/90	

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.0 feet.
				2				CLAYEY SILT (ML/CL) - very dark gray (10YR 3/1), moist, medium stiff, medium plasticity; 60% silt; 40% clay.
				3				
				4				
	200			5				Increasing sand to 10%; gravel to 5%; organic matter at 5.5 feet.
0	200	S&H	C-2-					
	250	push	5.5	6				
				7				
				8				
				9				
	3			10				CLAYEY SAND (SC) - dark yellowish brown (10YR 4/4), moist, medium dense; 70% sand; 20% clay; 10% gravel
0	4	S&H	C-2-					COLOR CHANGE to olive (5Y 4/4); increasing silt to 5% at 10.5 feet.
	7		10.5	11				
				12				
				13				
				14				
	6			15				GRAVEL with CLAY and SAND (GW-GC) - greenish gray (5G 5/1), saturated; medium dense; 65% gravel; 25% sand; 10% clay; strong chemical odor.
914	8	S&H	C-2-					
	11		15.5	16				
				17				
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

Field location of boring:

(See Plate 2)

Project No.: 7277	Date: 11/14/90	Boring No: C-2	
Client: Chevron Service Station No. 3864			
Location: 5101 Telegraph Avenue			
City: Oakland, California		Sheet 2 of 2	
Logged by: RCM	Driller: Bayland		

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	6			20				GRAVEL with SAND (GW) - olive (5Y 4/4), saturated,
86.5	14	S&H	C-2-					dense; 60% gravel; 35% sand; 5% silt; Fe-oxide staining.
	17		20.5					
				21				
				22				
				23				
				24				
	0							
	0	S&H		25				Very loose at 25.5 feet.
	1							
				26				
				27				
				28				
				29				SAND with CLAY and GRAVEL (SW-SC) - dark yellowish
	14		C-2-					brown (10YR 4/4), saturated, medium dense; 55% sand;
5.0	11	S&H	30.0	30				35% gravel; 10% clay.
	12							SANDY CLAY (CL) - brownish yellow (10YR 6/6), damp,
				31				very stiff, medium plasticity; 65% clay; 35% sand.
				32				
				33				Bottom of sample at 30.5 feet.
								Bottom of boring at 30.5 feet.
				34				11/14/90
				35				
				36				
				37				
				38				
				39				

Remarks:

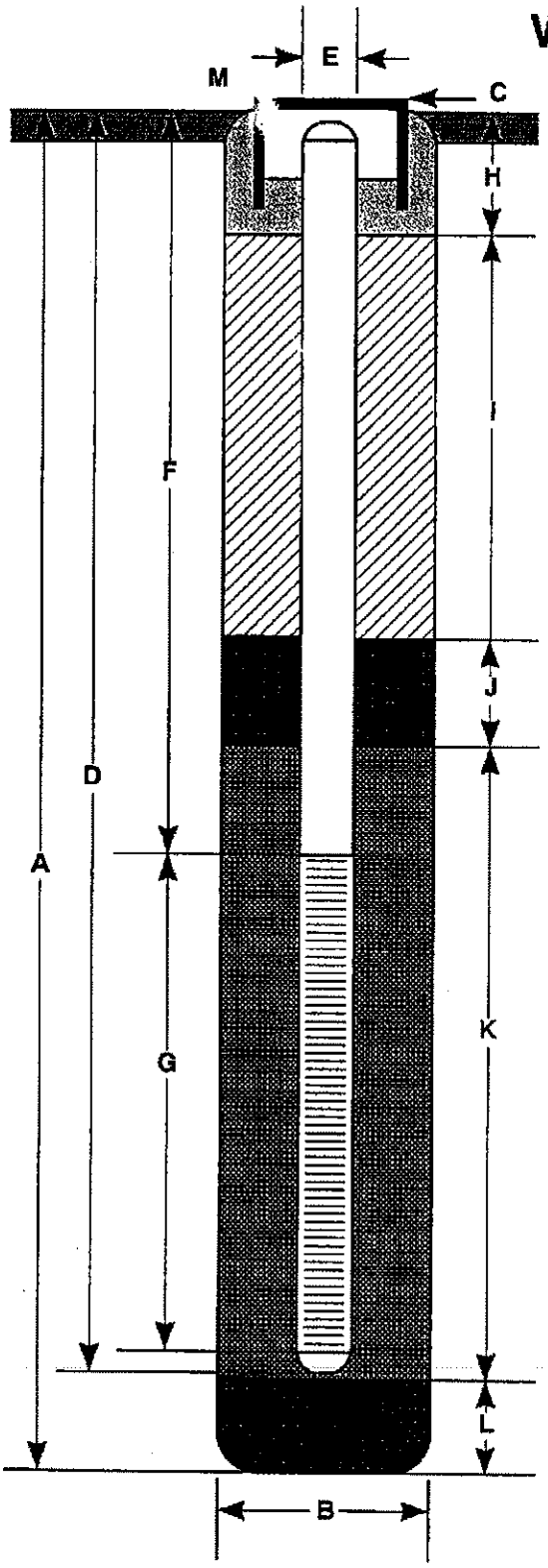
GeoStrategies Inc.

Log of Boring

BORING NO. C-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	PHP	11/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 30.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 116.16 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 10 ft.

G Perforated Length 19.5 ft.
Perforated Interval from 10 to 29.5 ft.
Perforation Type Factory Slotted
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 6 ft.
Backfill Material Concrete

J Seal from 6 to 8 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 8 to 30 ft.
Pack Material Lonestar #2/12 Sand

L Bottom Seal 0.5 ft.
Seal Material Bentonite Pellets

M Vault box with locking cap, lock and cover.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
C-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

Field location of boring:	Project No.: 7277	Date: 11/15/90	Boring No:
(See Plate 2)	Client: Chevron Service Station No. 3864		C-3
	Location: 5101 Telegraph Avenue		
	City: Oakland, California		Sheet 1 of 2
	Logged by: RCM	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data: (See Well Construction Detail)		
Hole diameter: 8-Inches	Top of Box Elevation: 115.70		Datum: MSL

Water Level	15.5'	17.1'								
Time	10:05	15:30								
Date	11/15/90	11/15/90								

PID (ppm)	Blowsft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.0 feet.
				2				CLAYEY SILT (ML/CL) - very dark brown (10YR 2/2), damp, medium plasticity; 60% silt; 35% clay; 5% fine sand.
				3				
				4				
0	500	S&H	C-3-	5				Medium stiff, damp; organic matter at 4.5 feet.
		push	4.5	6				
				7				
				8				
				9				
	7			10				SAND with SILT (SW-SM) - dark yellowish brown (10YR 3/4), damp, dense; 85% sand; 10% silt; 5% fine gravel; organic matter; Fe-oxide staining.
0	15	S&H	C-3-					
	17		10.5	11				
				12				
				13				
				14				
	7			15				CLAYEY SAND with GRAVEL (SC) - dark greenish gray (5GY 4/1), saturated, dense; 65% sand; 20% clay; 15% fine gravel.
890	14	S&H	C-3-					
	16		15.5	16		▽		
	8							
995	13	SPT		17		▼		
	16							
				18				
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHR	11/90		

Field location of boring:	Project No.: 7277	Date: 11/15/90	Boring No:
(See Plate 2)	Client: Chevron Service Station No. 3864		C-3
	Location: 5101 Telegraph Avenue		Sheet 2
	City: Oakland, California		of 2
	Logged by: RCM	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 8-Inches	Top of Box Elevation:	Datum:	

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	2			20				SILTY SAND (SM) - yellowish brown (10YR 5/4), saturated, medium dense; 65% sand; 30% silt; 5% fine gravel; gray green staining to 20.0 feet.
32.8	5	S&H	C-3-					
	10		20.5					
				21				CLAYEY GRAVEL with SAND (GC) - dark yellowish brown (10YR 3/4), saturated, medium dense; 55% gravel; 25% sand; 20% clay.
				22				
				23				
				24				
	8			25				
24.1	15	S&H	C-3-					
	18		25.5					Dense at 25.5 feet.
				26				
				27				
				28				CLAYEY SAND (SC) - brownish yellow (10YR 6/6), damp, dense; 70% sand; 30% clay.
				29				
	8			30				SANDY CLAY (CL) - brownish yellow (10YR 6/6), damp, hard; 65% clay; 30% sand; 5% silt.
9.0	15	S&H	C-3-					
	18		30.5					
				31				
				32				Bottom of sample at 30.5 feet.
								Bottom of boring at 30.5 feet.
				33				11/15/90
				34				
				35				
				36				
				37				
				38				
				39				

Remarks:

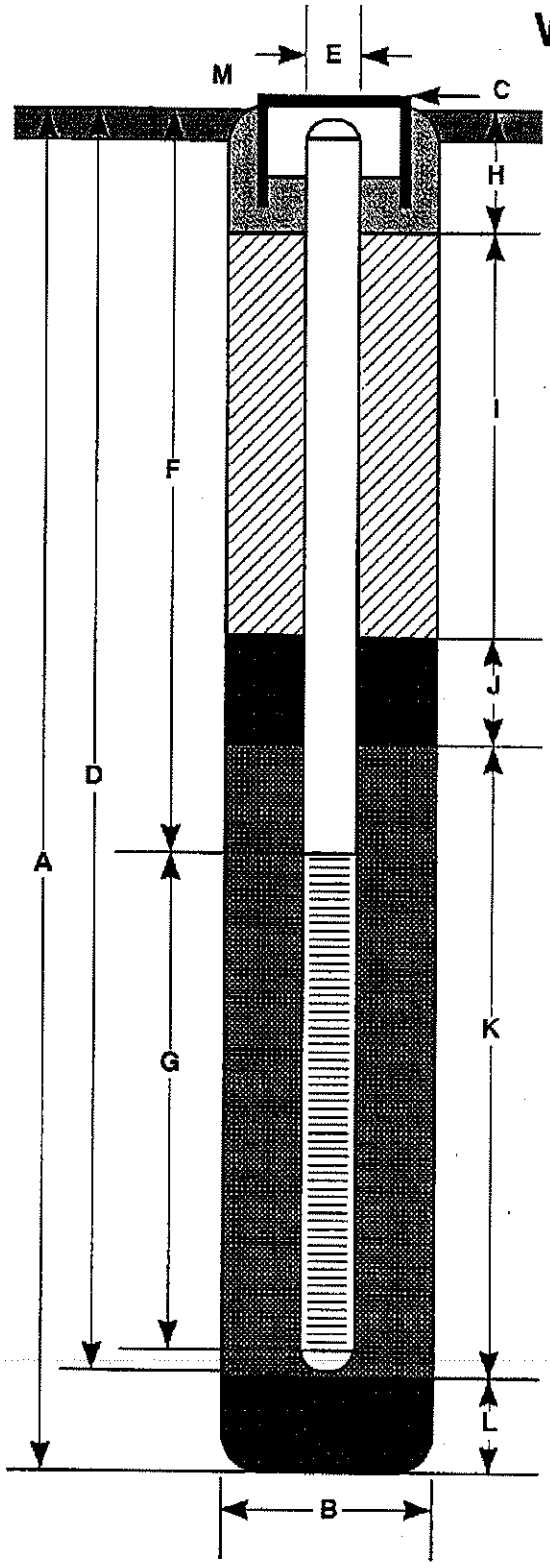
GeoStrategies Inc.

Log of Boring

BORING NO. **C-3**

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring: 30.5 ft.

B Diameter of Boring: 8 in.
Drilling Method: Hollow Stem Auger

C Top of Box Elevation: 115.70 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length: 30 ft.
Material: Schedule 40 PVC

E Casing Diameter: 2 in.

F Depth to Top Perforations: 10 ft.

G Perforated Length: 19.5 ft.
Perforated Interval from 10 to 29.5 ft.
Perforation Type: Factory Slotted
Perforation Size: 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material: Concrete

I Backfill from 1.5 to 6 ft.
Backfill Material: Concrete

J Seal from 6 to 8 ft.
Seal Material: Bentonite Pellets

K Gravel Pack from 8 to 30 ft.
Pack Material: Lonestar #2/12 Sand

L Bottom Seal: 0.5 ft.
Seal Material: Bentonite Pellets

M Vault box with locking cap, lock and cover.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
C-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

Field location of boring: (See Plate 2)	Project No.: 7277	Date: 11/15/90	Boring No.: C-4
	Client: Chevron Service Station No. 3864		
	Location: 5101 Telegraph Avenue		
	City: Oakland, California		Sheet 1 of 2
	Logged by: RCM	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data: (See Well Construction Detail)		
Hole diameter: 8-Inches	Top of Box Elevation: 116.10	Datum: MSL	

Water Level	16.5'	18.1'								
Time	13:28	15:30								
Date	11/15/90	11/15/90								

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 1.0 feet.
				2				CLAYEY SILT (ML/CL) - very dark grayish brown (10YR 3/2), damp, medium plasticity; 65% silt; 35% clay; trace fine gravel.
				3				
				4				
	300							
0	500	S&H	C-4-	5				Medium stiff; organic matter; Fe-oxide staining at 5.5 feet.
	500	push	5.5					
				6				
				7				
				8				
				9				
	6							
0	6	S&H	C-4-	10				CLAYEY SAND with GRAVEL (SC) - yellowish brown (10YR 5/4), damp, medium dense; 60% sand; 25% clay; 15% gravel; Fe-oxide staining.
	13		10.5					
				11				
				12				
				13				
				14				
	8							
0	17	S&H	C-4-	15				Increasing gravel to 25%; dense at 15.5 feet.
	19		15.5					
	15			16				
0	16	S&H	C-4-			▽		
	18		17.0	17				Saturated at 16.5 feet.
				18		▼		
				19				

Remarks:

GeoStrategies Inc.

Log of Boring

BORING NO. C-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

Field location of boring:	Project No.: 7277	Date: 11/15/90	Boring No:
(See Plate 2)	Client: Chevron Service Station No. 3864		C-4
	Location: 5101 Telegraph Avenue		Sheet 2
	City: Oakland, California		of 2
	Logged by: RCM	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation date:		
Hole diameter: 8-Inches	Top of Box Elevation:	Datum:	

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
	3			20				SILTY SAND (SM) - yellowish brown (10YR 5/4), saturated, medium dense; 65% sand; 35% silt; slight gray green discoloration.
0	7	S&H	C-4-					
	12		20.5					
				21				
				22				
				23				
				24				Increasing gravel to 25% at 24.5 feet.
	7			25				SAND (SW) - pale yellow (2.5Y 7/6), saturated, dense; 95% sand; 5% silt.
0	18	S&H	C-4-					
	29		25.5					
				26				GRAVEL with SILT and SAND (GW-GM) - yellowish brown (10YR 5/4), saturated, dense; 70% gravel; 20% sand; 10% silt.
				27				
				28				
				29				
	4			30				CLAY with SAND (CL) - light gray (5Y 7/1), damp, very stiff, medium to high plasticity; 70% clay; 20% sand; 10% silt.
0	13	S&H	C-4-					
	11		30.5					
				31				
				32				
				33				
				34				
	7			35				Increasing sand to 30% at 35.5 feet.
0	8	S&H	C-4-					
	8		35.5					
				36				Bottom of sample at 35.5 feet.
								Bottom of boring at 35.5 feet.
				37				11/15/90
				38				
				39				

Remarks:

GeoStrategies Inc.

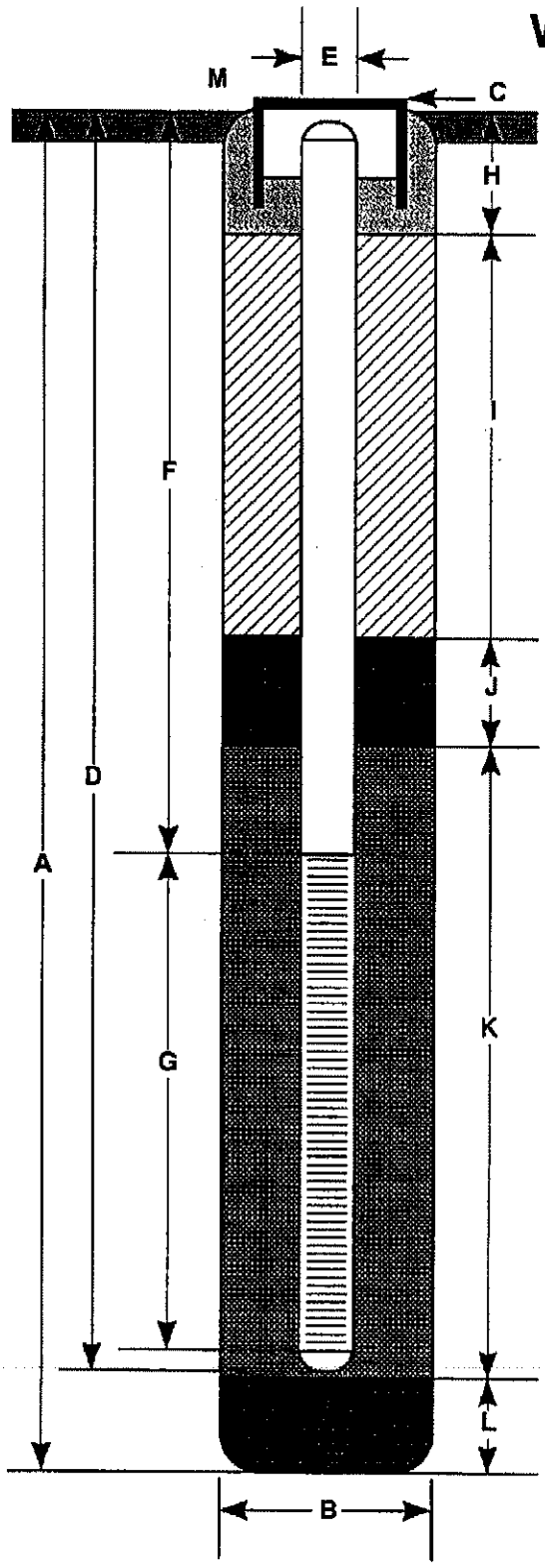
Log of Boring

BORING NO.

C-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 35.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 116.10 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 2 in.

F Depth to Top Perforations 10 ft.

G Perforated Length 19.5 ft.
Perforated Interval from 10 to 29.5 ft.
Perforation Type Factory Slotted
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 6 ft.
Backfill Material Concrete

J Seal from 6 to 8 ft.
Seal Material Bentonite Pellets

K Gravel Pack from 8 to 30 ft.
Pack Material Lonestar #2/12 Sand

L Bottom Seal 5.5 ft.
Seal Material Bentonite Pellets

M Vault box with locking cap, lock and cover.

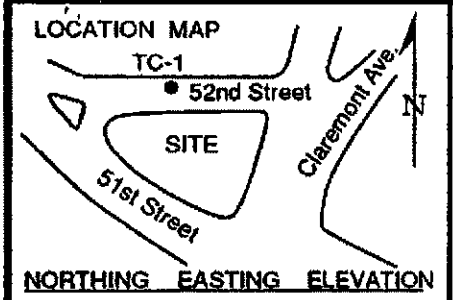
Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
C-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7277	DHP	11/90		



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TC-1
PAGE 1 OF 1

PROJECT NO. 325-17.01
LOGGED BY: AW
DRILLER: PRECISION
DRILLING METHOD: HYDRAULIC
SAMPLING METHOD: CONTINUOUS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 11-30-92
LOCATION: Telegraph-Oakland
HOLE DIAMETER: 2.5"
HOLE DEPTH: 19'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Back Filled With Grout				1				ASPHALT ROAD BASE TO APPROXIMATELY 3'
				2				
				3			SC	CLAYEY SAND: medium brown; 30-40% fines; very fine sand; no product odor; very little recovery in 5-7' sample.
				4				
				5				
	Mst			6				
				7				
				8				
				9				
	Mst			10				@10': very little recovery; chert.
				11				
	Mst			12			CL	SANDY CLAY: medium brown with gray mottling; low plasticity; 10-15% very fine to fine sand; iron oxide staining; small rootholes; no product odor.
				13			ML	SANDY SILT: blue gray; low plasticity; 10-20% very fine sand; brown mottling; shell material; sulfur odor; no product odor.
				14				
				15				LANDSLIDE DEPOSITS: mixture of sand, gravel and clay.
	Mst-Wt			16			ML	SILT: light to medium brown; low plasticity; trace very fine to fine sand; mottled light gray to medium brown tan; no product odor.
				17				
	Wt			18				
				19				BOTTOM OF BORING AT 19'
				20				
				21				
				22				

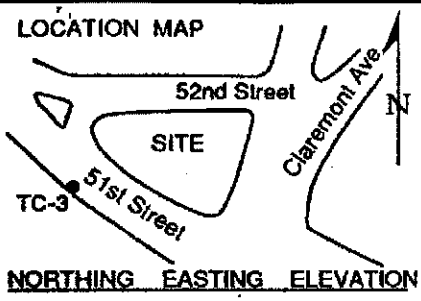
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TC-2
PAGE 1 OF 1

PROJECT NO. 325-17.01
LOGGED BY: AW
DRILLER: PRECISION
DRILLING METHOD: HYDRAULIC
SAMPLING METHOD: CONTINUOUS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 11-30-92
LOCATION: Telegraph-Oakland
HOLE DIAMETER: 2.5"
HOLE DEPTH: 21'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				ASPHALT ROADBASE
Back Filled With Grout				2			CL	CLAY: gray black.
				3			SM	SILTY SAND: no recovery 3-8.5'.
				4				
				5				
				6				
				7				
				8				
				9				@8.5': very dark brown; 20-30% fines; dual classification sandy silt; high moisture content; very soft; no product odor.
	Mst-Wt			10				
				11			CL	CLAY: medium to light gray; low plasticity; iron oxide mottling; trace-10% very fine to fine sand; dense; no product odor.
	Mst			12				
				13				
				14				
	Mst			15				
				16				
				17				
	Mst			18				
				19				@19': increase in medium to coarse sand.
				20			GM	SILTY GRAVEL: medium to light brown; 20-30% fines; 10-20% very fine to fine sand; angular coarse sand and gravel.
	Mst-Wt			21				
				22				BOTTOM OF BORING AT 21'



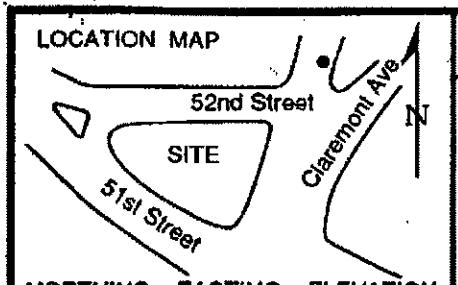
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TC-3
PAGE 1 OF 1

PROJECT NO. 325-17.01
LOGGED BY: AW
DRILLER: PRECISION
DRILLING METHOD: HYDRAULIC
SAMPLING METHOD: CONTINUOUS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 11-30-92
LOCATION: Telegraph-Oakland
HOLE DIAMETER: 2.5"
HOLE DEPTH: 22'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1					CONCRETE ROADBASE
Back Filled With Grout				2				FL	GRAVELLY CLAYEY FILL
	Dp			6					
	Dp			8				CL	SANDY CLAY: medium to dark brown; low plasticity; 20-30% very fine to medium sand; 20-30% medium to coarse sand; 5-10% gravel; angular to subangular gravel; iron oxide staining; no product odor.
	Mst			12				GC	CLAYEY GRAVEL: medium brown; 20-30% fines; fine to coarse sand; 20-30% angular to rounded gravels chert; sandstone clasts; no product odor.
				15				ML	GRAVELLY SILT: medium brown; low plasticity; 10-30% very coarse sand and fine gravel; no product odor.
	Mst-Wt			17				SM	SILTY SAND: medium brown; 30-40% fines; fine to coarse sand; trace sub-well rounded gravel; wet; no product odor.
	Mst-Wt			20				GM	SILTY GRAVEL: medium brown; highly angular coarse fragment; 20-40% fines; 10-20% very fine to medium sand; siltstone and chert pebbles; iron oxide staining; no product odor.
				22					BOTTOM OF BORING AT 22'



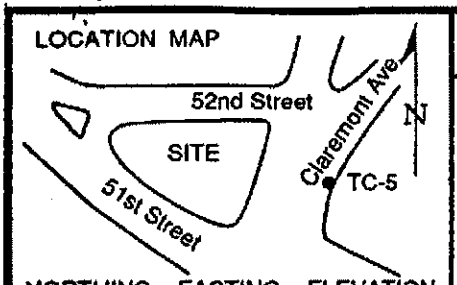
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TC-4
PAGE 1 OF 1

PROJECT NO. 325-17.01
LOGGED BY: AW
DRILLER: PRECISION
DRILLING METHOD: HYDRAULIC
SAMPLING METHOD: CONTINUOUS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 12-1-92
LOCATION: Telegraph-Oakland
HOLE DIAMETER: 2.5"
HOLE DEPTH: 22'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				CONCRETE ROADBASE
Back Filled With Grout	Dp	280		3			CL	CLAY: very dark brownish black; low plasticity; 10-20% fine to medium sand; trace to coarse sand; iron oxide staining; faint to medium product odor.
	Dp	134		7				@7': faint to moderate product odor.
	Dp	88.8		9			GC	CLAYEY GRAVEL: medium dark grayish brown; angular coarse sand and fine gravel; subrounded to well rounded clasts; blue gray staining; moderate to strong product odor.
	Mst	180		13				@13': strong product odor.
	Wt	389		16				@16': discolored; strong product odor.
	Wt	22.3		19				@19': no to faint product odor.
				20			ML	SILT: sandy; light to medium brown; low plasticity; 20-30% fine sand; trace gravel at 20'; no product odor.
				22				BOTTOM OF BORING AT 22'



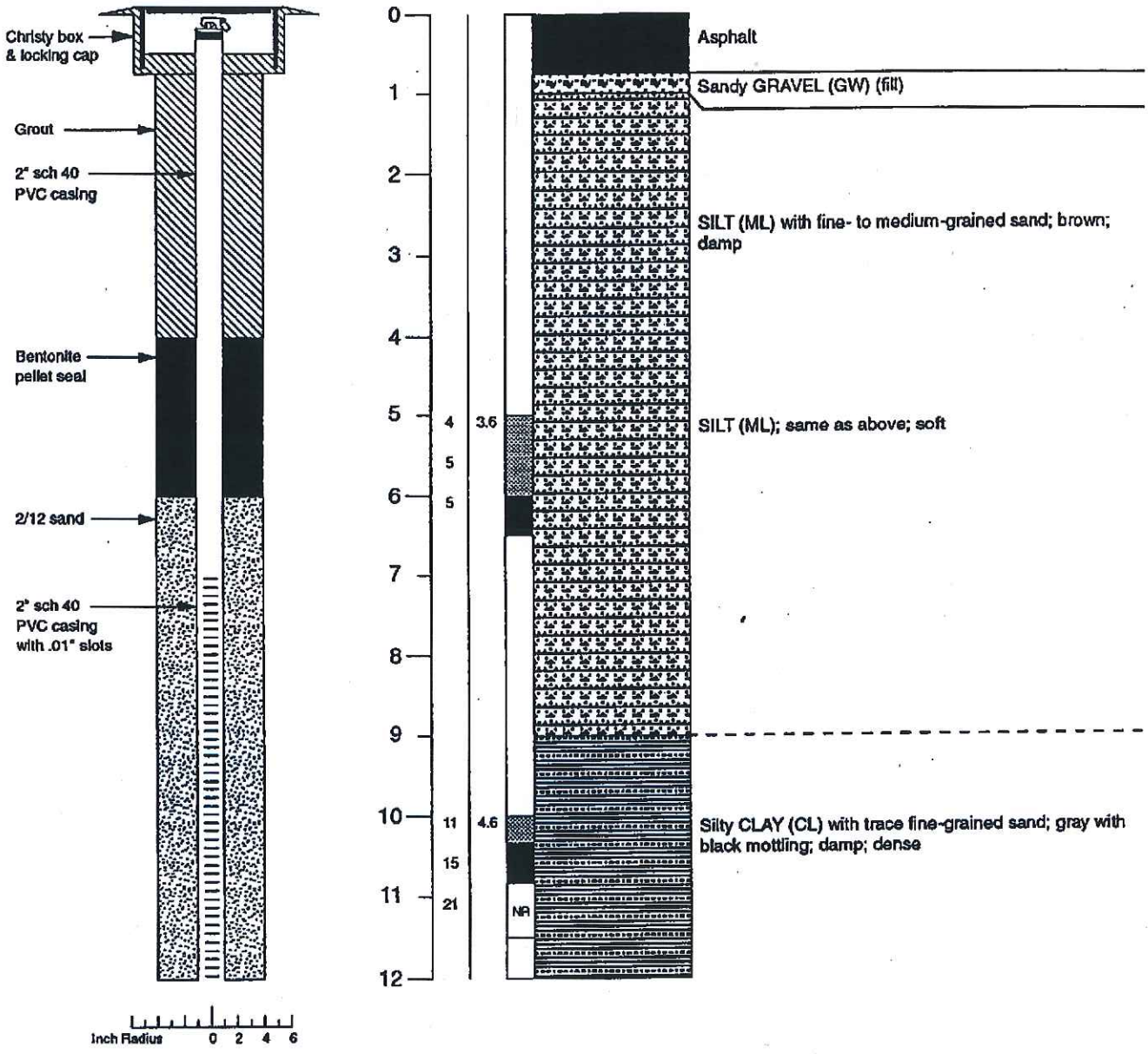
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. TC-5
PAGE 1 OF 1

PROJECT NO. 325-17.01
LOGGED BY: AW
DRILLER: PRECISION
DRILLING METHOD: HYDRAULIC
SAMPLING METHOD: CONTINUOUS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: CHEVRON
DATE DRILLED: 12-1-92
LOCATION: Telegraph-Oakland
HOLE DIAMETER: 2.5"
HOLE DEPTH: 22'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Back Filled With Grout				1				CONCRETE
				2				ROADBASE
				3			CL	CLAY: dark brown; low plasticity; 10-20% very fine to fine sand; roots; organics; no product odor.
				4				
				5			ML	SILT: medium; dark brown; low plasticity; 20-30% very fine to fines and; no product odor.
	Dp	261		6				
				7				
				8				
				9				
	Dp	99		10				@10': increase in fine sand; no product odor.
				11				
				12				
				13				
				14				
				15				
				16				@16': little recovery; no product odor.
	Mst	110		17			GC	CLAYEY GRAVEL: medium brownish gray; 20-40% fines; subrounded to angular gravels; iron oxide staining; saturated; faint to no product odor.
	Wt	142		18				
				19				
				20				
				21				
				22				BOTTOM OF BORING AT 22'



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EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample
- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR — No recovery
- Water level during drilling
- Water level in completed well

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

Logged by:	Erich Neupert
Project Mgr:	Justin Power
Dates Drilled:	9/16/93
Drilling Company:	Kvilhaug
Drilling Method:	8" Hollow Stem Auger
Driller:	Paul Santos
Well Head Completion:	Christy box & locking cap
Type of Sampler:	1½" & 2½" split spoon
TD (Total Depth):	26.5 feet

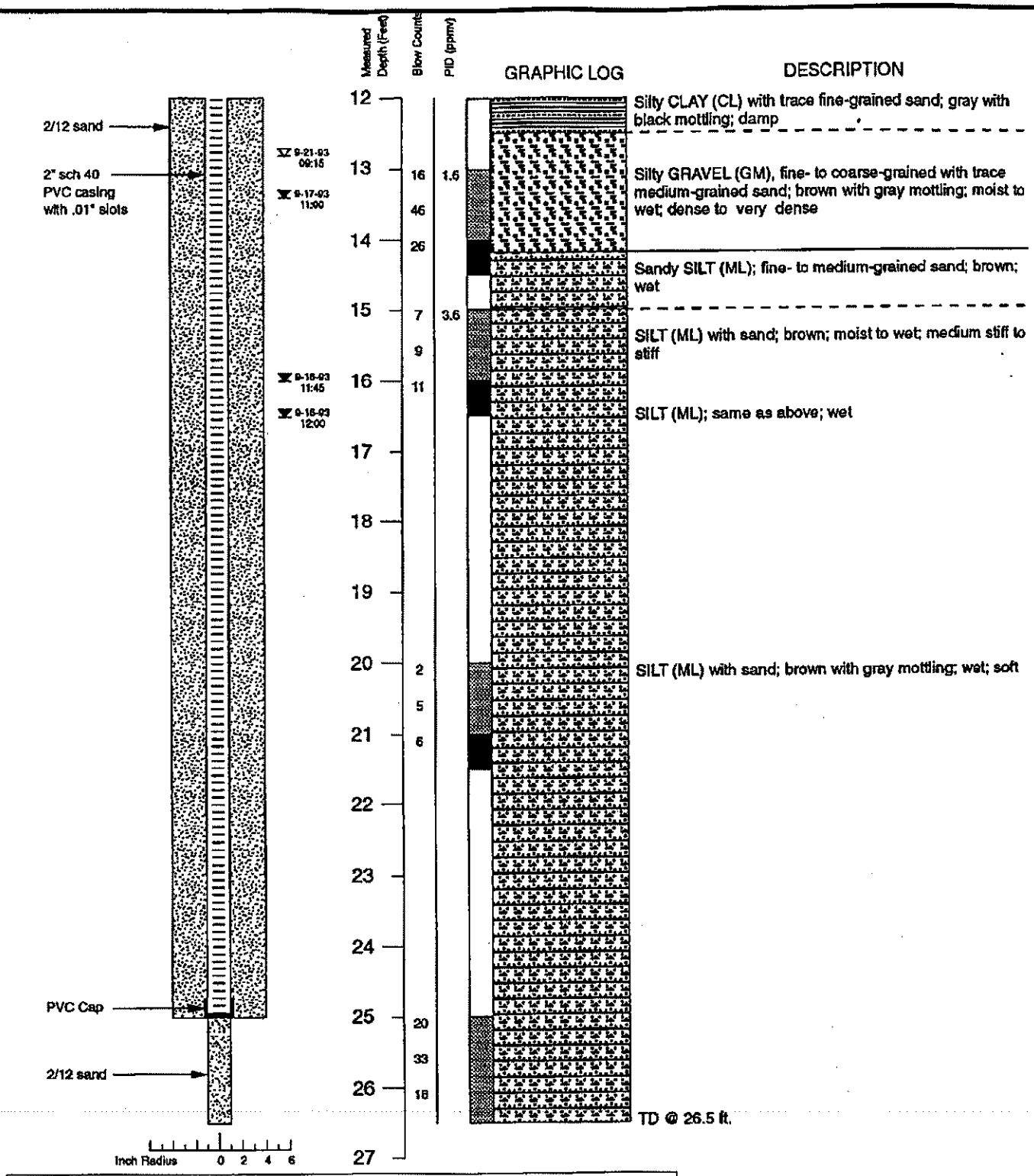
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-1 (Monitoring Well MW-1)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING **B-1**



EXPLANATION

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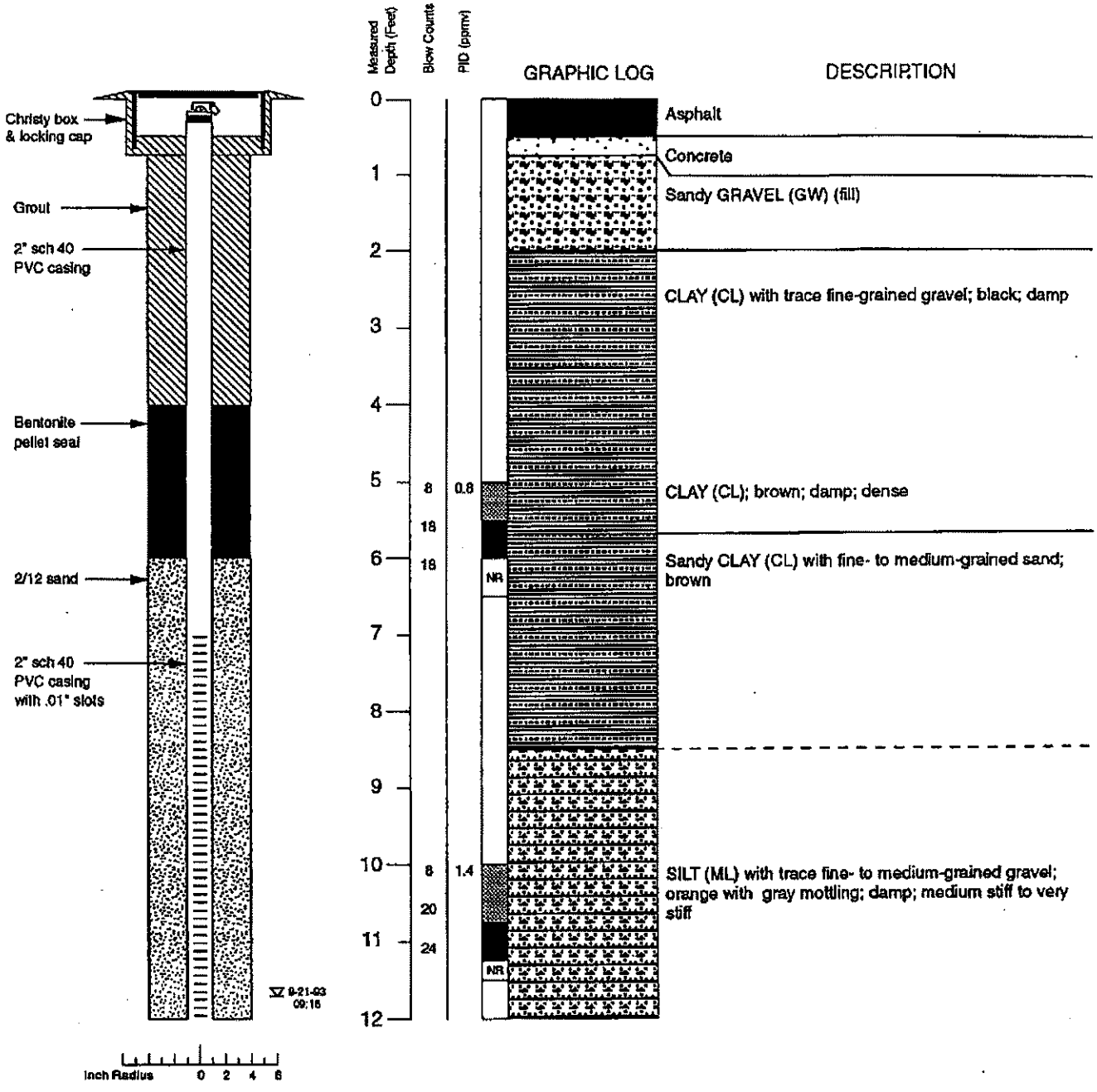
PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-1 (Monitoring Well MW-1)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING B-1



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EXPLANATION

- Recovered drill sample
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- Water level in completed well

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- Dashed where uncertain
- Hachured where gradational

Logged by:	Erich Neupert
Project Mgr:	Justin Power
Dates Drilled:	9/20/93
Drilling Company:	Kvilhaug
Drilling Method:	8" Hollow Stem Auger
Driller:	Paul Santos
Well Head Completion:	Christy box & locking cap
Type of Sampler:	1½" & 2½" split spoon
TD (Total Depth):	26.5 feet

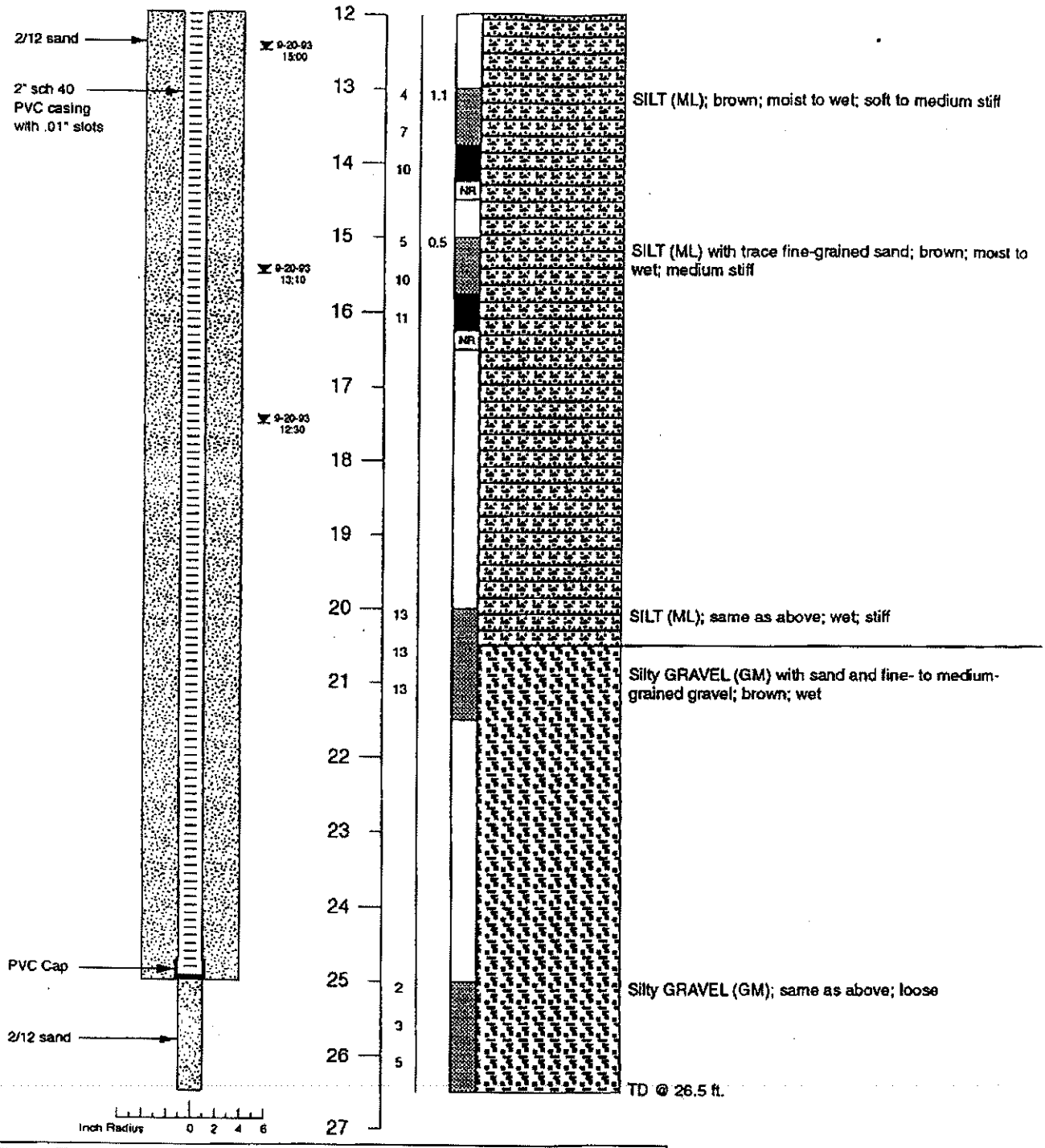
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-2 (Monitoring Well MW-2)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING **B-2**



EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample

est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary

NR — No recovery

Water level during drilling

Water level in completed well

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

RESNA

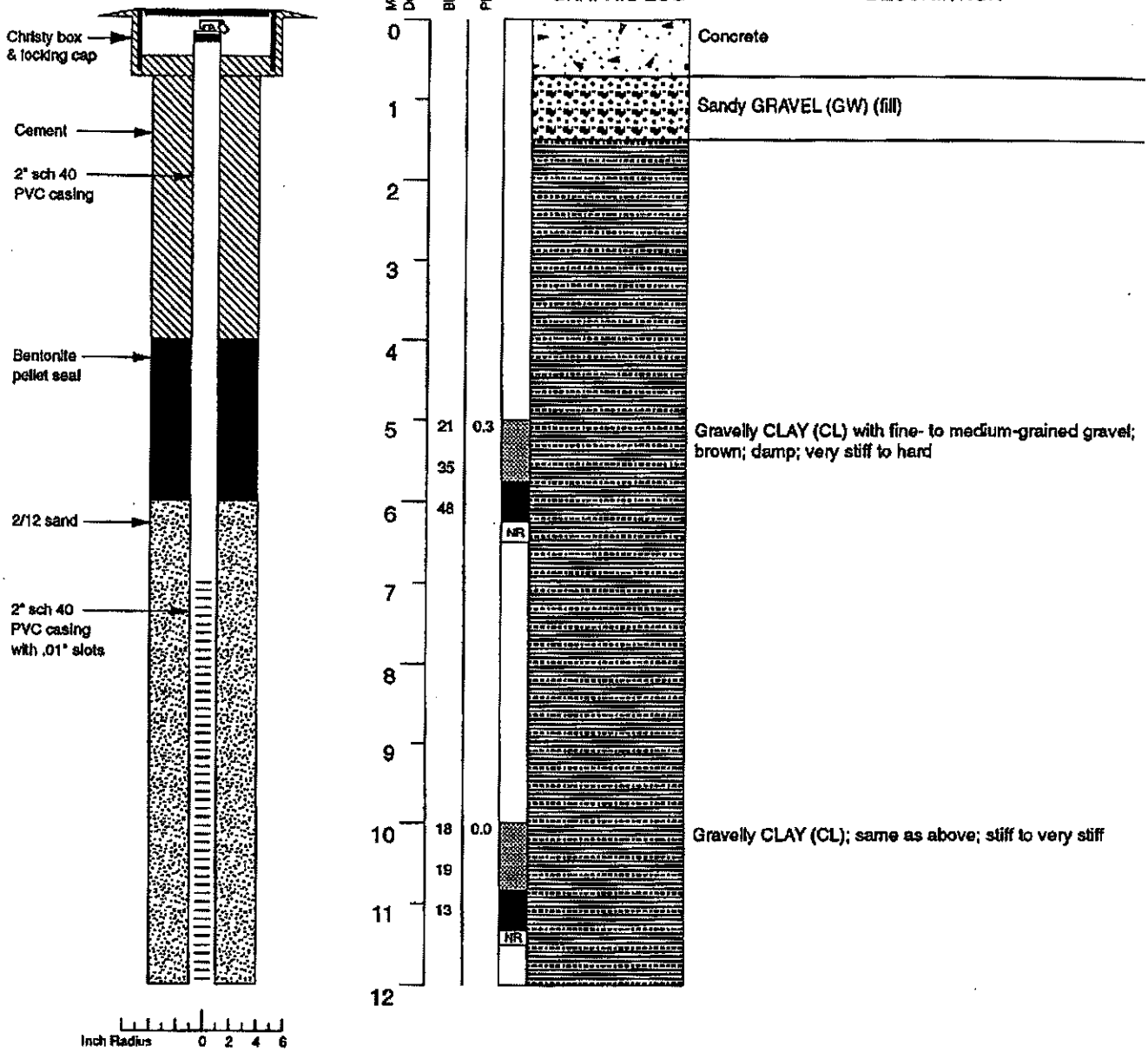
PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-2 (Monitoring Well MW-2)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING

B-2



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EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample
- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
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- Water level during drilling
- Water level in completed well

CONTACTS:

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- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

Logged by:	Erich Neupert
Project Mgr:	Justin Power
Dates Drilled:	9/16/93
Drilling Company:	Kvilhaug
Drilling Method:	8" Hollow Stem Auger
Driller:	Paul Santos
Well Head Completion:	Christy box & locking cap
Type of Sampler:	2½" split spoon
TD (Total Depth):	28.0 feet

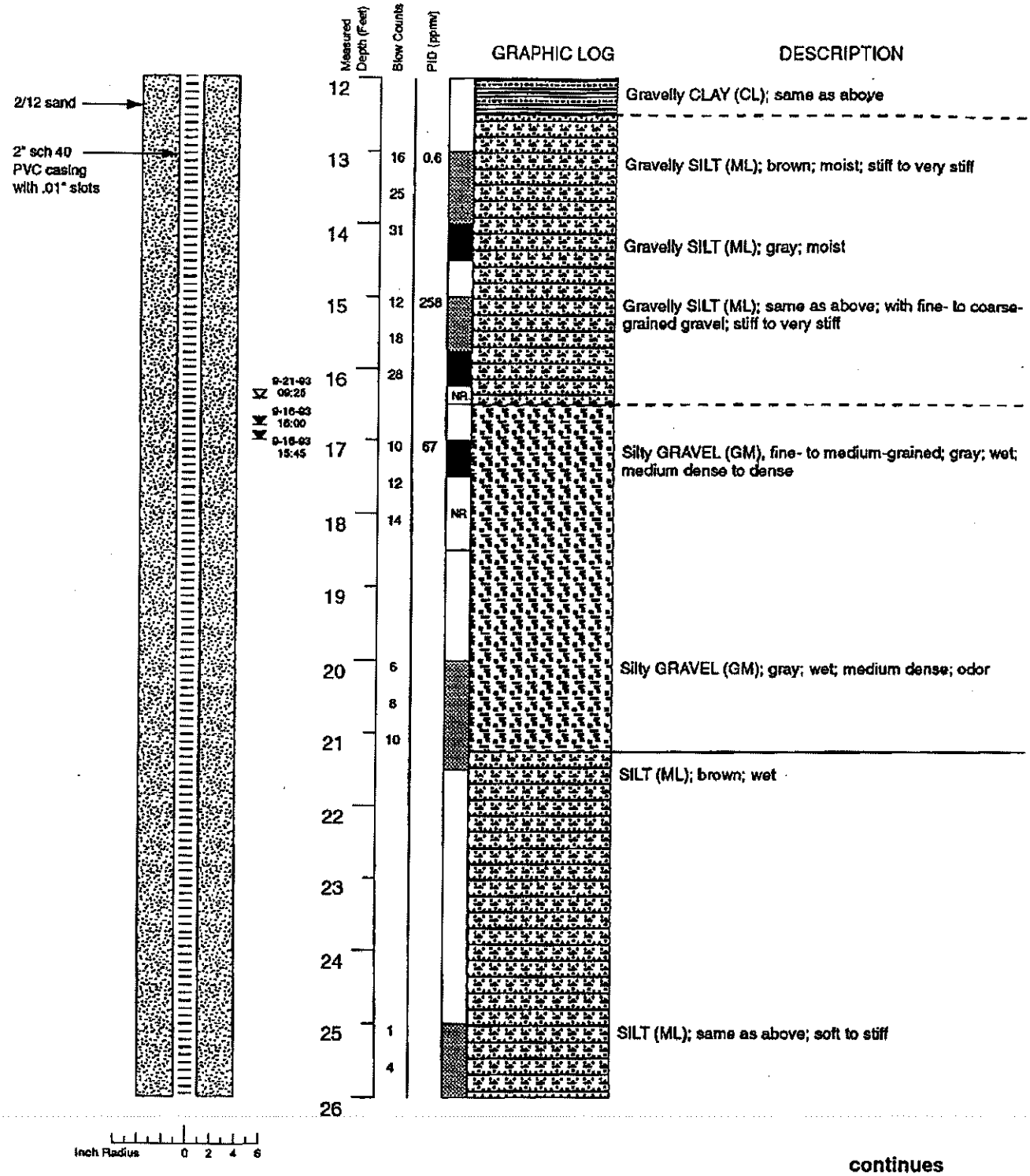
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-3 (Monitoring Well MW-3)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING **B-3**



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EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample
- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR — No recovery
- Water level during drilling
- Water level in completed well

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- Hachured where gradational

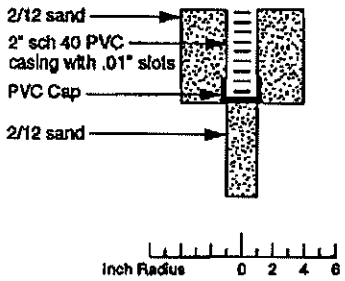
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-3 (Monitoring Well MW-3)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING B-3



Measured Depth (Feet)	Blow Counts	PID (ppmv)	GRAPHIC LOG	DESCRIPTION
26	13			SILT (ML); brown; wet; soft to stiff
27	12			SILT (ML) with trace fine-grained gravel; brown; damp
28	12			TD @ 28.0 ft.
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

EXPLANATION

- Recovered drill sample
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- Sieve sample
- Grab sample
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- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
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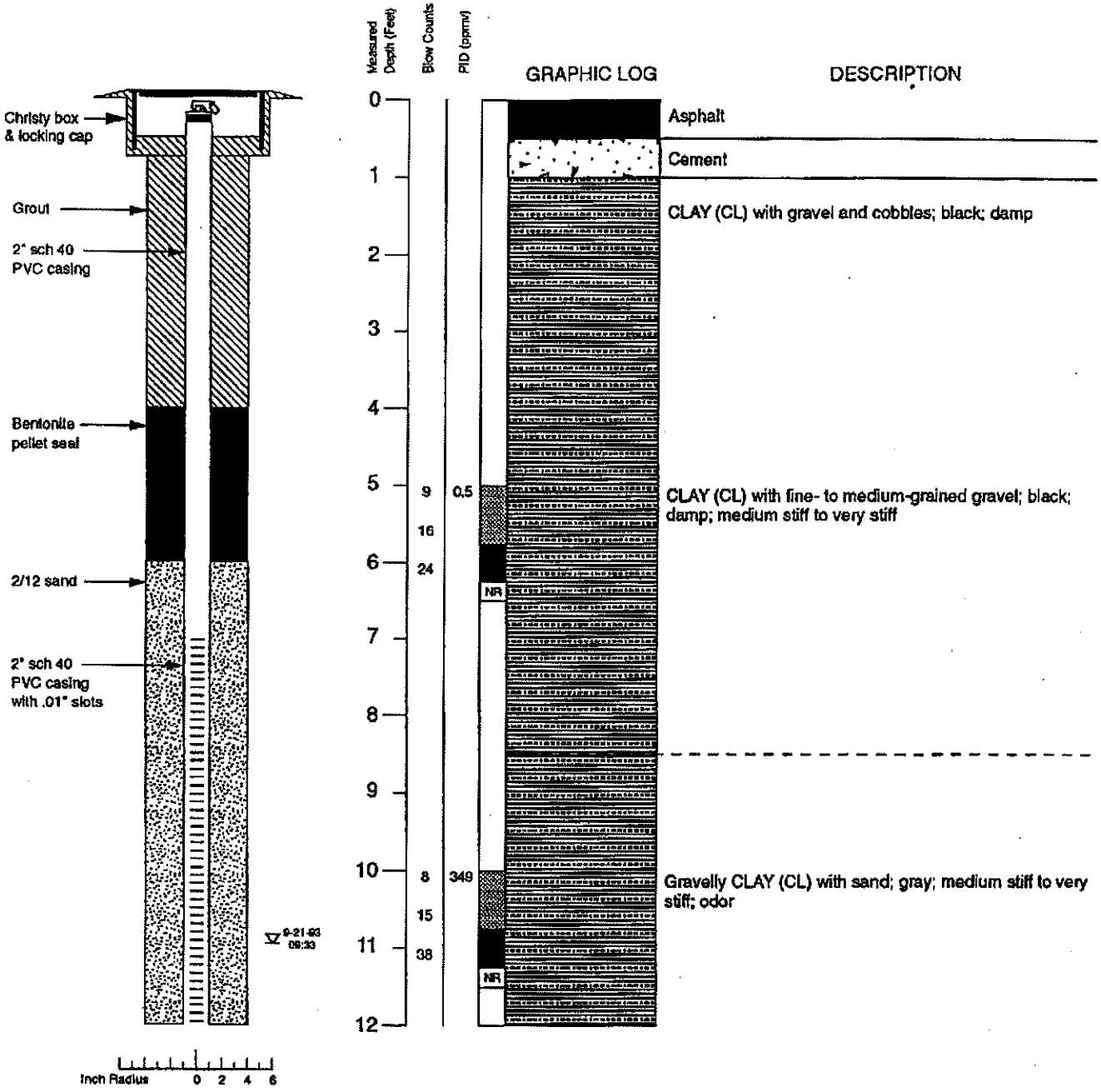
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-3 (Monitoring Well MW-3)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING B-3



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EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample
- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR — No recovery
- Water level during drilling
- Water level in completed well

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

Logged by:	Erich Neupert
Project Mgr:	Justin Power
Dates Drilled:	9/15/93
Drilling Company:	Kvilhaug
Drilling Method:	8" Hollow Stem Auger
Driller:	Paul Santos
Well Head Completion:	Christy box & locking cap
Type of Sampler:	1½" & 2½" split spoon
TD (Total Depth):	23.0 feet

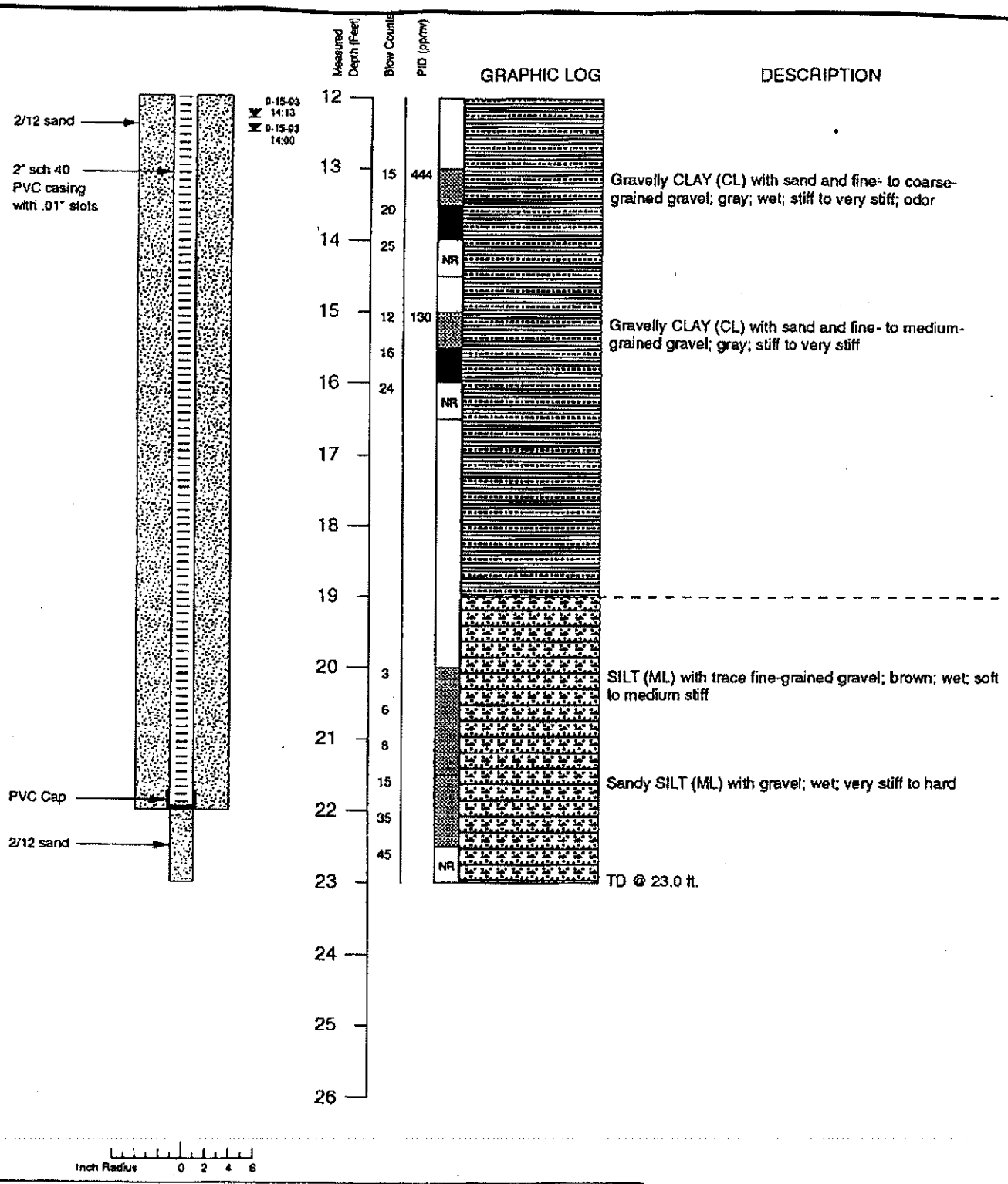
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-4 (Monitoring Well MW-4)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING B-4



RESNA

BORING LOG—Boring B-4 (Monitoring Well MW-4)

Former Chevron Service Station No. 9-3864

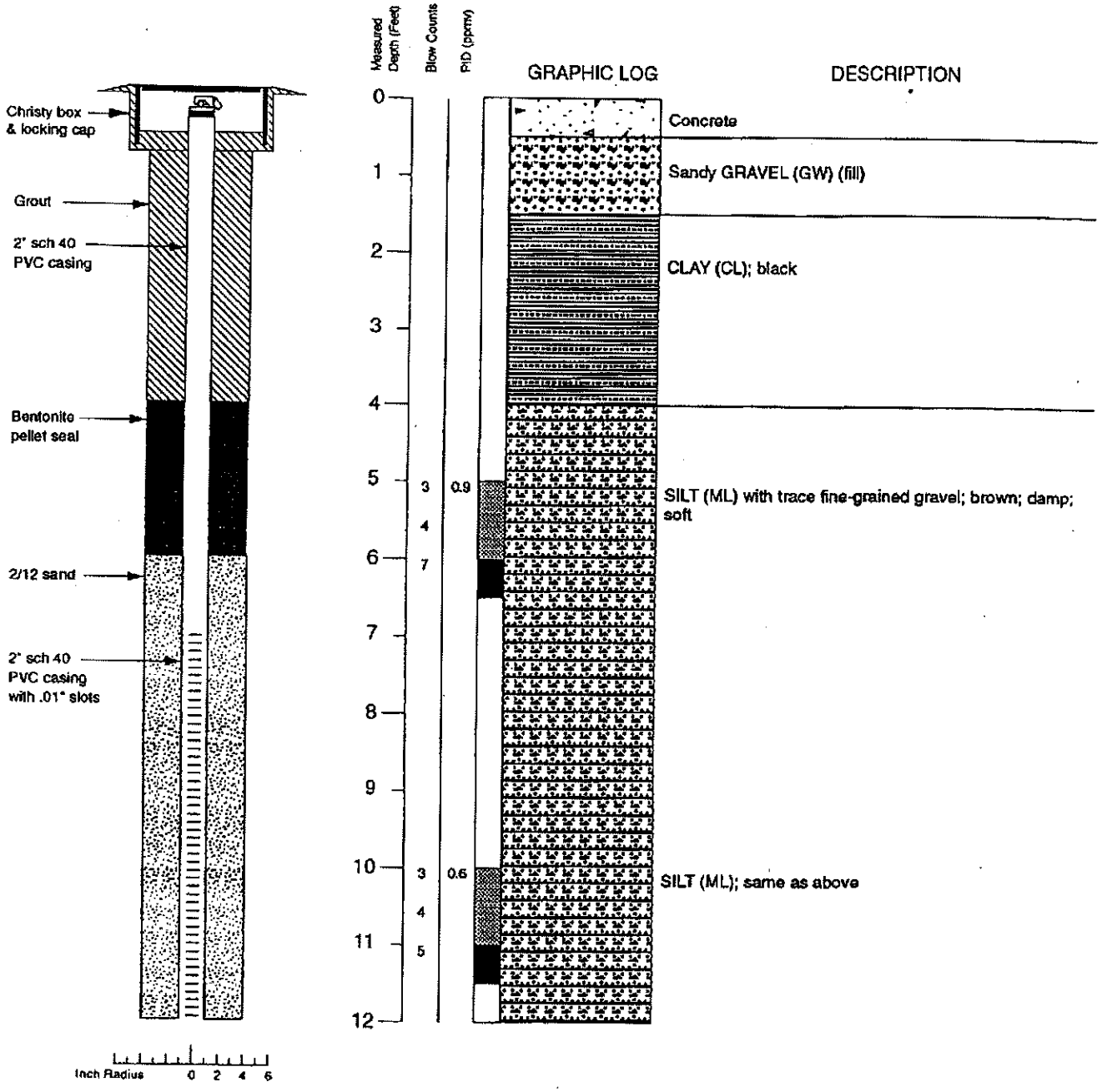
5101 Telegraph Avenue

Oakland, California

BORING B-4

PROJECT NO. 17075.01

10/93



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Logged by:	Erich Neupert
Project Mgr:	Justin Power
Dates Drilled:	9/16/93
Drilling Company:	Kvilhaug
Drilling Method:	8" Hollow Stem Auger
Driller:	Paul Santos
Well Head Completion:	Christy box & locking cap
Type of Sampler:	1½" & 2½" split spoon
TD (Total Depth):	22.0 feet

EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample
- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR — No recovery
- Water level during drilling
- Water level in completed well

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

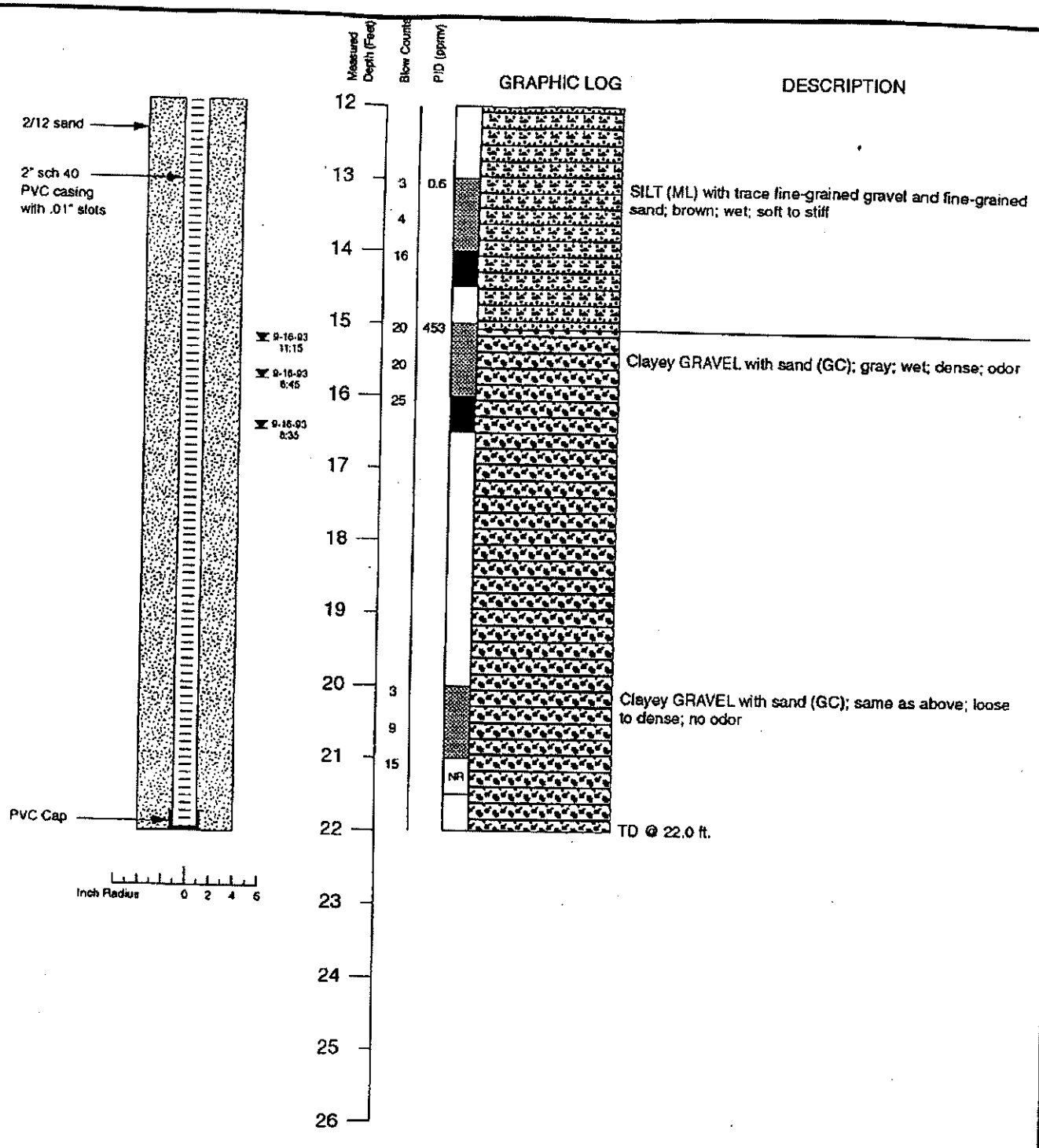
RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-5 (Monitoring Well MW-5)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING B-5



EXPLANATION

- Recovered drill sample
- Sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Core sample
- est K — Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR — No recovery
- Water level during drilling
- Water level in completed well

CONTACTS:

- Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational

RESNA

PROJECT NO. 17075.01 | 10/93

BORING LOG—Boring B-5 (Monitoring Well MW-5)

Former Chevron Service Station No. 9-3864
5101 Telegraph Avenue
Oakland, California

BORING B-5