Denis L. Brown

Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

November 21, 2005

Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Site Conceptual Model
Former Shell Service Station
500 40th Street
Oakland, California
SAP Code 129452
Incident No. 97093400

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Site Conceptual Model* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

November 21, 2005

Mr. Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Site Conceptual Model**
Former Shell Service Station
500 40th Street
Oakland, California
Incident No. 97093400
Cambria Project No. 247-1513-007

Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this site conceptual model on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

SITE BACKGROUND

Location and Current Use

The former retail gasoline station is located on the northwest corner of 40th Street and Telegraph Avenue in Oakland, California (Figure 1). The site is approximately 150 feet long by 125 feet wide. A MacArthur Bay Area Rapid Transit (BART) station parking lot is located across 40th Street from the site. Commercial businesses exist on all corners of the intersection. Surrounding neighborhood development is commercial along both roads. Single-family houses or residences are located on nearby streets. The site was an active service station prior to 1987, but is now occupied by a small retail shopping center (Figure 2).

Investigations

1982-1984 Investigation: Shell reported a fuel leak in July 1982. Between 1982 and 1984, Enviroscience IT (IT) installed 11 groundwater monitoring wells (B-1 through B-11) and 2 recovery wells (R-1 and R-2). No soil samples were analyzed for chemical analyses. Separate-phase hydrocarbons (SPH) were noted intermittently in wells B-2, B-7 and B-8, and regularly in wells B-3 and B-4. IT gauged and removed SPH by manual bailing and periodic batch extraction using a vacuum truck. In November 1983, the underground storage tanks (USTs) were removed

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

from the site, and wells R-1 and R-2 were destroyed during UST removal activities. No formal UST-removal report is available. SPH presence and removal history is presented in IT 1982-1984 *Progress Reports #1-11* and 1984-1986 progress letters.

1986 Investigation: On September 23, 1986, Blaine Tech Services (Blaine) collected five soil samples for headspace analysis at 9.5 to 10 feet below grade (fbg) on the west and east ends of the USTs. The soil sample headspace concentrations ranged between 8 and 99 parts per million (ppm) gasoline. Table 1 presents historical soil analytical results. Investigation details are presented in Blaine's September 26, 1986 *Sampling Report.*

According to a July 28, 1987 Pacific Environmental Group, Inc. memorandum to Gettler-Ryan Inc., a retail commercial shopping center building was erected on the property between January and April 1986, covering wells B-2, B-6, B-7, B-9 and B-10. In addition, wells B-1, B-3, B-4, B-5 and B-8 were covered by parking lot and rear driveway pavement. Wells are not reported to have been destroyed.

1989-1990 Investigations: In 1989, Converse Environmental Consultants California (Converse) of San Francisco, California installed on-site monitoring wells MW-2, MW-3, MW-4, and MW-5; off-site monitoring wells OMW-6, OMW-8, OMW-9 and OMW-10; and off-site soil boring SB-1. In 1990, Converse installed on-site monitoring wells MW-8 and EW-1. The maximum total petroleum hydrocarbon as gasoline (TPHg) and benzene concentrations detected in soil samples collected during monitoring well and soil boring installation are 210 ppm and 0.064 ppm, respectively, in off-site monitoring well OMW-9. Monitoring well installation details are presented in Converse's September 12, 1989 *Report of Activities, August 1989* and September 28, 1990 *Report of Activities, Quarter 3, 1990.*

2004 Well Destructions: On November 18, 2004, Gregg Drilling and Testing Inc. of Martinez, California destroyed six wells (EW-1, MW-4, MW-5, OMW-10, OMW-11, and OMW-12) by pressure grouting with neat Portland Type I/II cement. Well destructions were performed in accordance with the Alameda County Public Works well destruction permit and City of Oakland Community and Economic Development encroachment permit. The results are presented in Cambria's January 21, 2005 *Well Destruction Report.*

Quarterly Monitoring: Quarterly groundwater monitoring was initiated at the site in 1990. No SPH has been detected on or off site since 1990. All site monitoring wells have shown decreasing concentration trends since monitoring began. Groundwater monitoring data is included as Attachment A.

SITE CONCEPTUAL MODEL

Site Address:	500 40th Street	**Incident Number:**	97093400
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency

Item	Evaluation Criteria	Comments/Discussion
1	**Hydrocarbon Source**	
1.1	Identify/Describe Release Source and Volume (if known)	In 1982, a leak in the piping over one of the tanks was identified. The release, which occurred sometime between 1980 and 1982, was a leaded and unleaded gasoline mixture, of which at least a portion is known to be Shell gasoline.
1.2	Discuss Steps Taken to Stop Release	Underground storage tanks were removed in November 1983.
2	**Site Characterization**	
2.1	Current Site Use/Status	The site is a commercial shopping center located at the northeastern corner of the intersection of 40th Street and Telegraph Avenue in Oakland, California. The shopping center was erected between January and April 1986.
2.2	Soil Definition Status	TPHg and benzene are defined to the north, west, and east. TPHg and benzene have been detected at concentrations of up to 210 and 0.064 mg/kg, respectively, south of the site in off-site monitoring wells OMW-9 and OMW-10.
2.3	Separate-Phase Hydrocarbon Definition Status	SPH was noted intermittently in wells B-2, B-7 and B-8, and regularly in wells B-3 and B-4. These monitoring wells were installed between 1982 and 1984 and covered in 1986 by a building and parking lot during site redevelopment. Quarterly groundwater monitoring was initiated at the site in 1990. No SPH has been detected on site or off site in groundwater monitoring wells since 1990.
2.4	Groundwater Definition Status (BTEX)	Groundwater benzene, toluene, ethylbenzene and xylenes (BTEX) concentrations are defined to the north, west, and east. BTEX are defined to low levels to the south.
2.5	BTEX Plume Stability and Concentration Trends	BTEX groundwater concentrations are non-detect in all on-site wells (April 2005). BTEX is present in offsite wells OMW-6 and OMW-13, located west southwest of the former UST complex, with the highest concentrations in well OMW-6 at 18 ppb benzene, 160 ppb ethylene, and 13 ppb xylenes (April 2005). As of April 2005, the BTEX concentrations in these wells have decreased an order of magnitude since 1991-1992.
2.6	Groundwater Definition Status (MTBE)	MTBE was not detected in any on-site or off-site monitoring wells during the April 2005 quarterly sampling event. Methyl tertiary butyl ether (MTBE) was last detected in April 2004 at 1.2 ppb in OMW-9.

Site Address:	500 40th Street	**Incident Number:**	97093400
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency
2.7	MTBE Plume Stability and Concentration Trends	MTBE concentrations are non-detectable in all on-site and off-site monitoring wells.	
2.8	Groundwater Flow Direction, Depth Trends and Gradient Trends	Groundwater depth at the site has historically ranged from approximately 7.8 to 14.7 fbg. The prevailing groundwater flow direction is to the west southwest. In April 2005, the gradient was approximately 0.025 feet per foot.	
2.9a	Regional Geology	The site is located in Oakland, east of the San Francisco Bay. The surficial deposits are Holocene-age alluvial fan and fluvial deposits, which are typically medium dense to dense gravely sand or sandy gravels that grade upward to sandy or silty clay. A splay of the Hayward Fault lies approximately 4,500 feet east-northeast of the site.	
2.9b	Topography	The site is flat and is located approximately 80 feet above mean sea level. The topography slopes gently to the west toward San Francisco Bay.	
2.9c	Stratigraphy and Hydrogeology	The silty clays in the uppermost approximately 10-feet beneath the site are underlain by relatively thin sequences of sandy gravel, gravelly clay and silt to approximately 30 fbg. These units are underlain by thicker intervals of gravel and sandy gravel separated by thinner units of silty clay or sand to approximately 45 fbg. Sandy and silty clay underlies these units to a total explored depth of 54 fbg. The prevailing groundwater flow direction is to the west southwest. In April 2005, the gradient was approximately 0.025 feet per foot. Boring logs are included as Attachment B.	
2.10	Preferential Pathways Analysis	No formal utility survey has been performed. Utilities are typically buried deeper than the shallowest recorded depth to water (7.8 fbg). Therefore, it is possible that utility trenches within and near the site and impacted areas could have served as preferential pathways for chemical migration in groundwater, but there has been no indication that this is occurring. On-site wells installed between 1982 and 1984 were either paved over or built upon and were not properly destroyed; however, there is no known vertical gradient which would cause these wells to act as vertical conduits for chemical migration.	
2.11	Other Pertinent Issues	None	
3	**Remediation Status**		
3.1	Remedial Actions Taken	IT reportedly gauged and removed approximately 33.5 pints (4.19 gallons) of SPH by manual bailing and periodic batch groundwater extraction using a vacuum truck between September 1982 and July 1983.	

Site Address:	500 40th Street	**Incident Number:**	97093400
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency

		Oxygen releasing compounds (ORC) socks were installed in wells MW-3, MW-5, OMW-6, and OMW-9 between April 2004 and April 2005. ORCs were removed because they had no observable appreciable effect on contaminant concentration.
3.2	Area Remediated	SPH was removed from wells B-3 and B-4 between September 1982 and July 1983.
3.3	Remediation Effectiveness	Manual SPH bailing and batch groundwater extraction was effective in removing some product. Free product was reported to remain following product removal cessation in July 1983, but no SPH has been detected in on site or off site groundwater monitoring wells since 1990. ORC socks had no observable appreciable effect while installed.
4	**Well and Sensitive Receptor Survey**	
4.1	Designated Beneficial Water Use	Beneficial uses of groundwater from the East Bay Plain groundwater basin is designated as an existing municipal, industrial process, industrial service, and agricultural water supply, according to the Regional Water Quality Control Board (RWQCB) Basin Plan.
4.2	Shallow Groundwater Use	There is no known use of shallow groundwater near the site.
4.3	Deep Groundwater Use	There is no known use of deep groundwater near the site.
4.4	Well Survey Results	Cambria's August 2003 Well Survey did not identify any wells within a ½-mile radius of the site. Four wells of unknown use and status were identified within an area between ½-mile and 1-mile radius of the site.
4.5	Likelihood of Impact to Wells	Due to distance of the identified wells from the site, it is unlikely that chemicals originating from the site will impact the identified wells.
4.6	Likelihood of Impact to Surface Water	Given that the nearest surface water, Glen Echo Creek, is located approximately 3,300 feet southeast and cross gradient from the site, the likelihood of impact to surface water from chemicals originating from the site is low.
5	**Risk Assessment**	
5.1	Site Conceptual Exposure Model (current and future uses)	The site is currently a shopping center surrounded by mixed commercial and residential property. A large parking lot, an aboveground BART station, and associated tracks lie in the downgradient direction from the site. Residential lots are primarily cross gradient from the site. The land use is expected to remain commercial on site and commercial and residential

Site Address:	500 40th Street	**Incident Number:**	97093400
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency

		off site. Groundwater in the area is not used as a drinking water source. Remaining hydrocarbon impacts to groundwater are limited to TPHg and BTEX. TPHg is the only hydrocarbon detected in excess of its RWQCB environmental screening level (ESL) during the most recent sampling event. The detections of TPHg greater than the ESL were in off-site wells OMW-6 and OMW-13. OMW-6 is located in 40th Street and OMW-13 is adjacent to the parking lot of the aboveground BART station, reducing the possibility of vapor intrusion or human exposure to impacted groundwater. A site conceptual figure is included as Figure 3.
5.2	Exposure Pathways	Potential exposure pathways include: exposure to construction workers by dermal contact, ingestion, and particulate inhalation from subsurface soils, and inhalation of vapors from impacted soil and groundwater in indoor and outdoor air by on-site commercial and off-site residential occupants.
5.3	Risk Assessment Status	A formal risk assessment has not been performed.
5.4	Identified Human Exceedances	A formal risk assessment has not been performed. Benzene, ethylbenzene, xylenes toluene, and MTBE groundwater concentration levels do not exceed RWQCB Tier 1 ESLs for groundwater that is not a current or potential source of drinking water. TPHg groundwater ESLs are exceeded in off-site monitoring wells OMW-6 and OMW-13. Benzene, ethylbenzene, toluene, xylenes, MTBE, and TPHg soil concentrations do not exceed the shallow (<3m bgs) or deep (>3m bgs) ESLs where groundwater is not a current or potential source of drinking water. Benzene groundwater concentrations in wells OMW-6 and OMW-13 exceed the California maximum contaminant level (MCL) for drinking water. MTBE groundwater concentrations in well OMW-10 also exceed the California MCL for drinking water. However, groundwater is not currently a drinking water source and it is not expected to be in the future.
5.5	Identified Ecological Exceedances	No ecological exceedances have been studied or identified.
6	**Additional Recommended Data or Tasks**	
6.1	Consideration of case closure is requested.	
6.2	Destruction of remaining on- and off-site wells following closure approval	

Site Address:	500 40th Street	**Incident Number:**	97093400
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency

Known environmental documents for site:
Proposal for Investigations of Underground Leakage in Soils and Groundwater (IT Enviroscience, July 14, 1982)
Sampling Report (Converse Environmental Consultants California, September 26, 1986)
Memorandum presenting recommendations for additional work (Pacific Environmental Group, July 28, 1987)
Draft Work Plan (Converse Environmental Consultants California, February 24, 1989)
Revised Work Plan (Converse Environmental Consultants California, April 7, 1989)
Letter report describing the impact of the October 17, 1989 earthquake on the progress of the subsurface investigations (Converse Environmental Consultants California, October 23, 1989)
Letter of Intent to Install Interim Groundwater Remediation System (Converse Environmental Consultants California, October 24, 1989)
Report of Activities, Quarter 1, 1990 (Converse Environmental Consultants California, March 30, 1990)
Report of Activities, Quarter 3, 1990 (Converse Environmental Consultants California, September 28, 1990)
Report of Activities, Quarter 4, 1991 (Converse Environmental Consultants California, December 31, 1991)
First Quarter 1995 Activities letter (Weiss Associates, April 13, 1995)
Quarterly Groundwater Sampling Report 940218-A-1 (Blaine Tech Services, March 11, 1994)
Quarterly Groundwater Sampling Report 940526-A-1 (Blaine Tech Services, June 16, 1994)
Quarterly Groundwater Sampling Report 941111-Z-1 (Blaine Tech Services, December 8, 1994)
Quarterly Monitoring Report – Second Quarter 1995 (Enviros, July 12, 1995)
Quarterly Monitoring Report – Third Quarter 1995 (Enviros, October 13, 1995)
Quarterly Monitoring Report – Fourth Quarter 1995 (Enviros, January 12, 1996)
Quarterly Monitoring Report – First Quarter 1996 (Enviros, April 12, 1996)
Quarterly Monitoring Report – Second Quarter 1996 (Enviros, July 15, 1996)
Quarterly Monitoring Report – Third Quarter 1996 (Enviros, October 15, 1996)
Quarterly Monitoring Report – Fourth Quarter 1996 (Enviros, January 15, 1997)
Quarterly Monitoring Report – First Quarter 1997 (Enviros, April 15, 1997)
Quarterly Monitoring Report – Second Quarter 1997 (Enviros, July 15, 1997)
Quarterly Monitoring Report – Third Quarter 1997 (Enviros, October 15, 1997)
Quarterly Monitoring Report – Fourth Quarter 1997 (Cambria Environmental, January 15, 1998)
Quarterly Monitoring Report – First Quarter 1998 (Cambria Environmental, April 15, 1998)
Quarterly Monitoring Report – Second Quarter 1998 (Cambria Environmental, July 15, 1998)
Quarterly Monitoring Report – Third Quarter 1998 (Cambria Environmental, October 15, 1998)
Quarterly Monitoring Report – Fourth Quarter 1998 (Cambria Environmental, January 15, 1999)
Quarterly Monitoring Report – First Quarter 1999 (Cambria Environmental, April 15, 1999)
Quarterly Monitoring Report – Second Quarter 1999 (Cambria Environmental, July 22, 1999)
Third Quarter 1999 Monitoring Report (Cambria Environmental, September 30, 1999)
Fourth Quarter 1999 Monitoring Report (Cambria Environmental, January 24, 2000)
First Quarter 2000 Monitoring Report (Cambria Environmental, August 2, 2000)
Second Quarter 2000 Monitoring Report (Cambria Environmental, August 21,2000)

Site Address:	500 40th Street	**Incident Number:**	97093400
City:	Oakland	**Regulator:**	Alameda County Health Care Services Agency

Third Quarter 2000 Monitoring Report (Cambria Environmental, October 9, 2000)
Fourth Quarter 2000 Monitoring Report (Cambria Environmental, February 22, 2001)
First Quarter 2001 Monitoring Report (Cambria Environmental, March 27, 2001)
Second Quarter 2001 Monitoring Report (Cambria Environmental, June 13, 2001)
Third Quarter 2001 Monitoring Report (Cambria Environmental, September 7, 2001)
Fourth Quarter 2001 Monitoring Report (Cambria Environmental, January 17, 2002)
First Quarter 2002 Monitoring Report (Cambria Environmental, April 22, 2002)
Second Quarter 2002 Monitoring Report (Cambria Environmental, August 1, 2002)
Third Quarter 2002 Monitoring Report (Cambria Environmental, September 25, 2002)
Fourth Quarter 2002 Monitoring Report (Cambria Environmental, December 19, 2002)
First Quarter 2003 Monitoring Report (Cambria Environmental, April 29, 2003)
Second Quarter 2003 Monitoring Report (Cambria Environmental, June 23, 2003)
Third Quarter 2003 Monitoring Report (Cambria Environmental, October 16, 2003)
Fourth Quarter 2003 Monitoring Report (Cambria Environmental, January 28, 2004)
First Quarter 2004 Monitoring Report (Cambria Environmental, April 14, 2004)
Second Quarter 2004 Monitoring Report (Cambria Environmental, July 22, 2004)
Fourth Quarter 2004 Monitoring Report (Cambria Environmental, February 24, 2005)
Well Destruction Report (Cambria Environmental, January 21, 2005)
Second Quarter 2005 Monitoring Report (Cambria Environmental, June 17, 2005)

CONCLUSIONS AND RECOMMENDATIONS

All site monitoring wells have shown decreasing concentration trends in groundwater samples since groundwater monitoring began, and natural attenuation of hydrocarbon concentrations is expected to continue. MTBE has not been detected in any site wells since the second quarter 2004 monitoring event. TPHg and BTEX concentrations in all on-site wells are below their respective San Francisco RWQCB ESLs for sites at which groundwater is not a current source of drinking water.

Current TPHg concentrations in groundwater from off-site wells OMW-6 and OMW-13 exceed the ESL for sites at which groundwater is not a current source of drinking water. However, the ESL is based on an aquatic habitat criterion, which does not apply at this site. TPHg concentrations in all wells are below the 'groundwater gross contamination ceiling level' of 5,000 parts per billion that is based on a nuisance odor criterion and is applicable to this site. In addition, land use downgradient of the site is currently entirely commercial or mixed-use, with a

parking lot, an aboveground BART station, and rapid transit tracks and freeways extending for at least half of a mile in the downgradient direction.

Based on the lack of detectable hydrocarbon concentrations on site, decreasing concentrations that are already below the 'groundwater gross contamination ceiling level,' and the reduced risk of exposure due to the current and anticipated future land use downgradient of the site, Cambria, on behalf of Shell, requests that this site be considered for closure.

CLOSING

If you have any questions regarding the contents of this document, please call Dave Gibbs at (510) 420-3363.

Sincerely,
Cambria Environmental Technology, Inc.

David M. Gibbs P.G.
Project Geologist

Matthew W. Derby, P.E.
Senior Project Engineer

Figures: 1 - Vicinity/Area Well Survey Map
2 - Site Plan
3 - Site Conceptual Figure

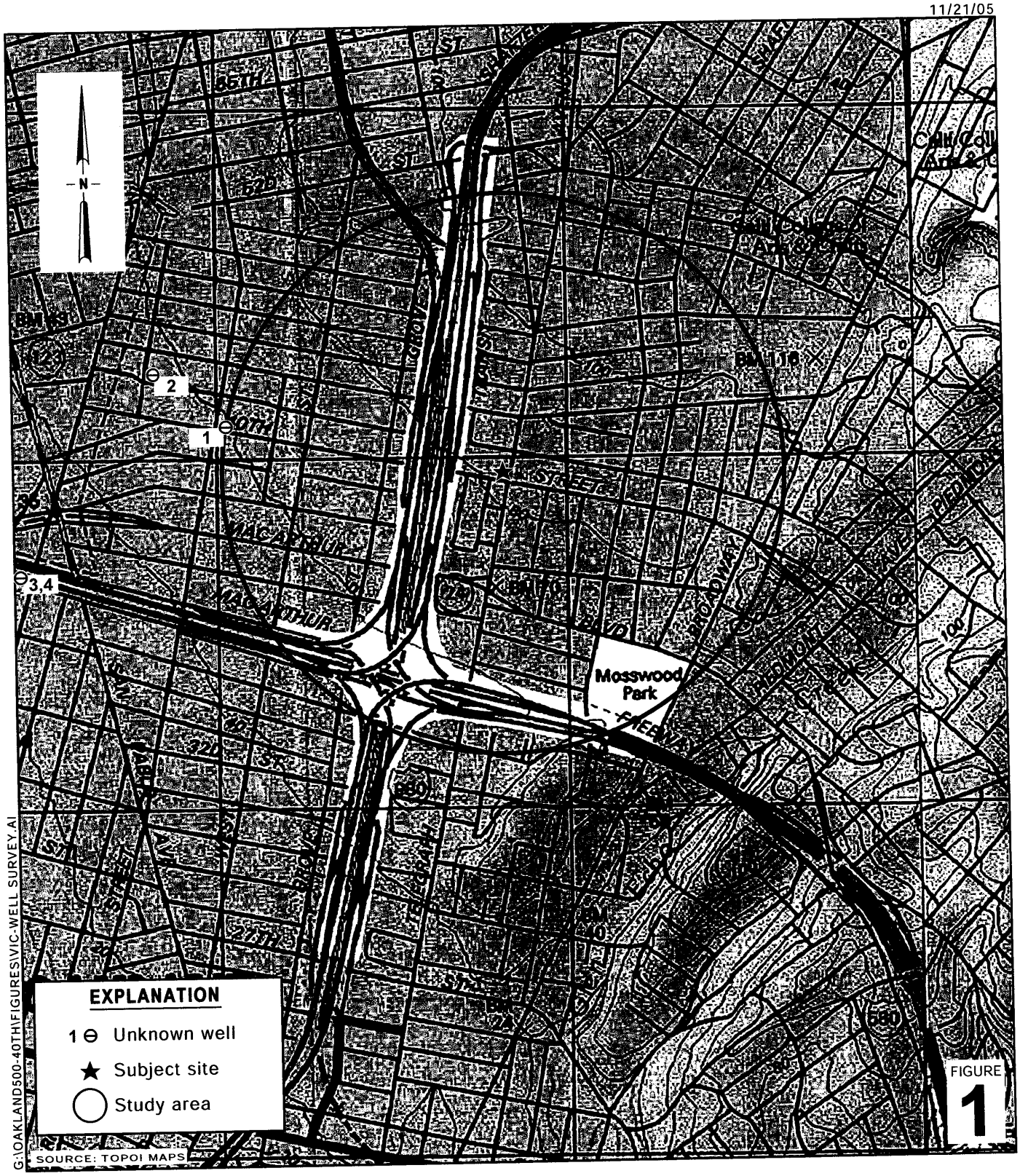
Table: 1 - Historical Soil Analytical Results

Attachments: A - Groundwater Elevation and Analytical Data
B - Boring Logs

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Joseph H. Chan and Ivy T. Wong, 21213-B Hawthorne Blvd. #5146, Torrance, CA 94609

G:\Oakland 500 40th\2005 Site Conceptual Model\SCM 7-05 rpt.doc

11/21/05



G:\OAKLAND500-40TH\FIGURES\VIC-WELL SURVEY.AI

FIGURE 1

Former Shell Service Station
500 40th Street
Oakland, California
Incident No.97093400

CAMBRIA

Vicinity/Area Well Survey Map

(1/2-Mile Radius)

11/21/05

Site Plan

EXPLANATION

- MW-2 — Monitoring well location
- MW-4 — Destroyed monitoring well location
- B-1 — Monitoring wells paved over or built upon
- CSB-1 — Soil boring location
- A — A' — Cross section line (see Figure 3)

stores

Former Shell Station
500 40th St.

former dispenser island (typ.)

sidewalk

TELEGRAPH AVENUE

MW-8

B-5 B-6

stores

B-4 R-2

former USTs

MW-2

MW-4

B-3 R-1 B-9

parking

A'

B-10

B-1 B-7

B-2

B-8

EW-1

planter

MW-5

MW-3

Residential
554 40th St.

Residential
542 40th St.

Residential
530 40th St.

Residential
526 40th St.

Residential
522 40th St.

Residential
518 40th St.

bus stop

sidewalk

CSB-1

OMW-12

OMW-6

40th STREET

median

median planter

HIGHWAY 24 (ELEVATED)

HIGHWAY 24 (51ST ST. OFF-RAMP, ELEVATED)

OMW-11

OMW-13

OMW-9

OMW-10

sidewalk

A

planter

BART Parking Lot

planter

planter

Residential (Apts.)
505 40th St.

sidewalk

Bart Station Entrance

Bart Station

Parking Lot Access

Bart Station

Parking Lot Access

Residential?
3921 Telegraph Ave.

Residential
3915 Telegraph Ave.

Residential
3911 Telegraph Ave.

N

0 20 40 80

Scale (ft)

Base map taken from City of Oakland General Plan and Zoning Map

G:\OAKLAND 500 40TH\FIGURES\SITE PLAN 11-05.DWG

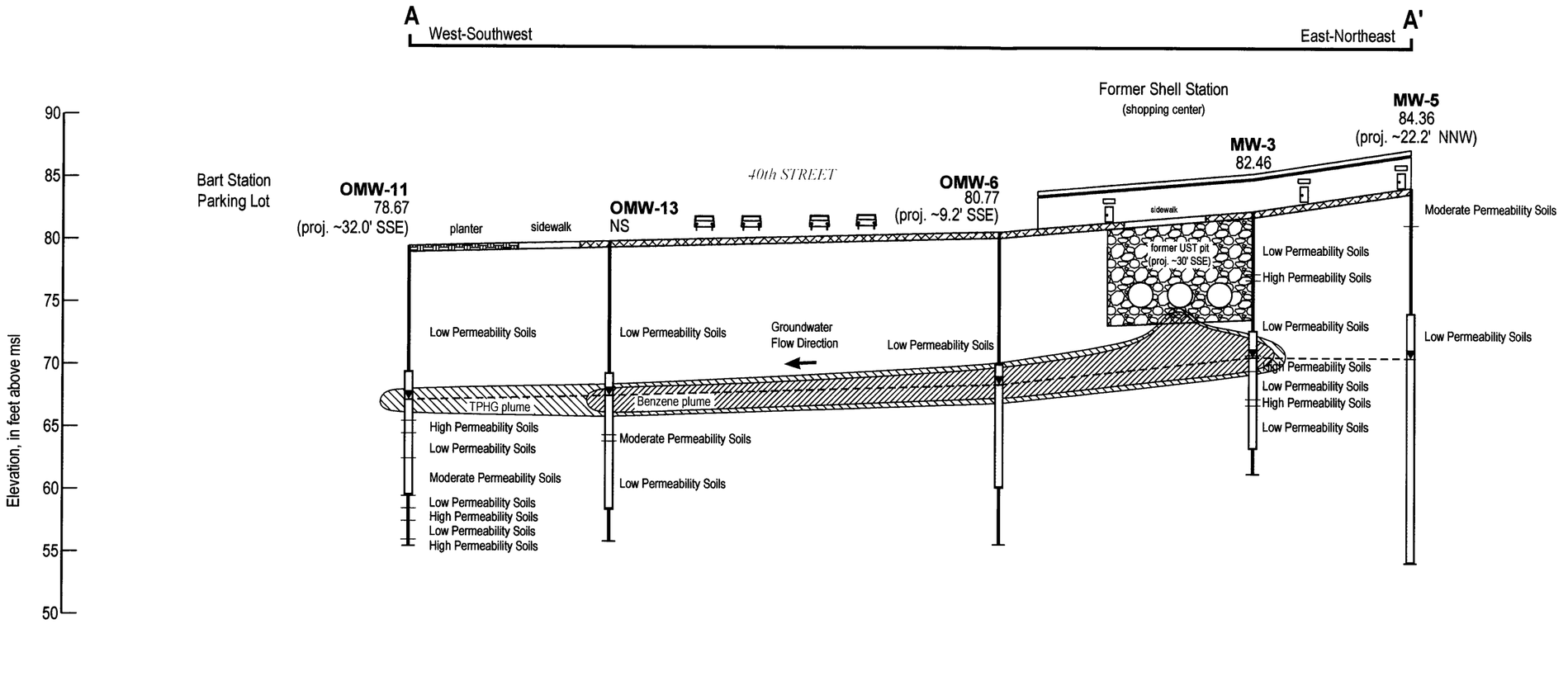
CAMBRIA

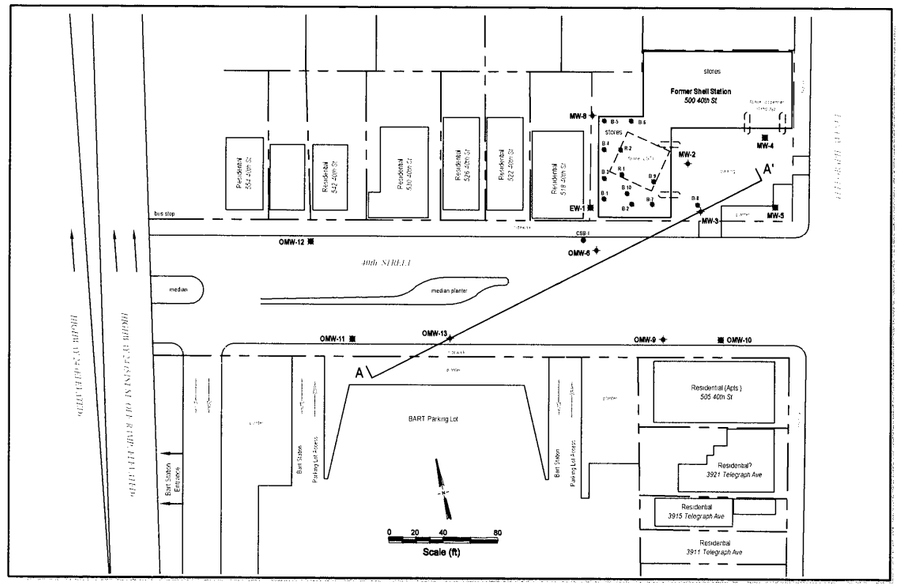
Former Shell Service Station
500 40th Street
Oakland, California
Incident No.97093400

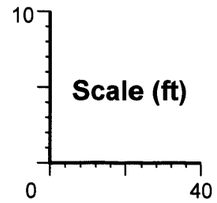
FIGURE
2

11/21/05

Site Conceptual Figure







FIGURE

3

Former Shell Service Station

500 40th Steet

Oakland, California

Incident No.97093400

CAMBRIA

G:\OAKLAND 500 40TH\FIGURES\SC 6-05.DWG

Table 1. Historical Soil Analytical Results - Former Shell Station, Incident #97093400
500 40th St, Oakland, California

Sample ID	Sample Depth (fbg)	Sample Date	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylene	Total Lead
			← (parts per million) →						
1 (tank pit)	10	9/25/1986	**99**	NA	NA	NA	NA	NA	NA
2 (tank pit)	9.5	9/25/1986	**8**	NA	NA	NA	NA	NA	NA
3 (tank pit)	10	9/25/1986	**27**	NA	NA	NA	NA	NA	NA
4 (tank pit)	9.5	9/25/1986	**74**	NA	NA	NA	NA	NA	NA
5 (tank pit)	10	9/25/1986	**86**	NA	NA	NA	NA	NA	NA
EW-1	6	6/28/1990	< 1.0	< 1.0	< 0.0025	< 0.0025	< 0.0025	**0.0081**	**9.1**
EW-1	10	6/28/1990	**110**	**4.4**	**0.028**	**0.380**	**0.410**	**1.600**	**3.3**
EW-1	15	6/28/1990	< 1.0	< 1.0	< 0.0025	**0.005**	< 0.0025	**0.0029**	**3.0**
EW-1	20	6/28/1990	< 1.0	< 1.0	< 0.0025	< 0.0025	< 0.0025	< 0.0025	**4.8**
MW-2	5, 10, 15	5/22/89	< 10	< 10	< 0.025	**0.028**	< 0.075	< 0.075	**0.4**
MW-3	5, 10	5/23/89	< 10	< 10	**0.054**	**0.032**	< 0.075	**0.099**	< 0.2
MW-4	5, 10	5/23/89	< 10	< 10	< 0.025	< 0.025	< 0.075	< 0.075	< 0.2
MW-5	4	9/19/89	< 10	< 10	< 0.025	< 0.025	< 0.075	< 0.075	**12**
MW-5	8	9/19/89	< 10	< 10	< 0.025	< 0.025	< 0.075	< 0.075	**5.3**
MW-5	12	9/19/89	< 10	< 10	< 0.025	< 0.025	< 0.075	< 0.075	**3.3**
MW-5	16	9/19/89	< 10	< 10	< 0.025	< 0.025	< 0.075	< 0.075	**5.7**
OMW-6	5	10/16/89	< 10	**1.0**	< 0.025	< 0.025	< 0.075	< 0.075	**4.3**
OMW-6	10	10/16/89	**18**	**17**	**0.028**	**0.040**	**0.10**	**0.45**	**3.2**
OMW-6	15	10/16/89	< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**3.6**

Table 1. Historical Soil Analytical Results - Former Shell Station, Incident #97093400
500 40th St, Oakland, California

Sample ID	Sample Depth (fbg)	Sample Date	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylene	Total Lead
			←			(parts per million)			→
MW-8	6	6/27/90	< 1.0	< 1.0	< 0.0025	< 0.0025	< 0.0025	< 0.0025	**5.4**
MW-8	10	6/27/90	< 1.0	< 1.0	< 0.0025	< 0.0025	< 0.0025	< 0.0025	**5.4**
MW-8	15	6/27/90	< 1.0	< 1.0	< 0.0025	0.0027	< 0.0025	< 0.0025	**4.4**
MW-8	20	6/27/90	< 1.0	< 1.0	< 0.0025	< 0.0025	< 0.0025	< 0.0025	**5.8**
CSB-1	5		< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**22**
CSB-1	10		< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**3.2**
CSB-1	15		< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**4.0**
CSB-1	20		< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**4.9**
OMW-9	5	11/13/89	< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**3.7**
OMW-9	10	11/13/89	**210**	**40**	**0.064**	**0.46**	**1.1**	**6.3**	**2.6**
OMW-9	15	11/13/89	**11**	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**4.3**
OMW-9	20	11/13/89	< 10	< 1	< 0.025	< 0.025	< 0.075	< 0.075	**3.1**
OMW-10	5	11/13/89	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	**5.5**
OMW-10	10	11/13/89	< 1	< 1	**0.020**	**0.0044**	**0.0084**	**0.024**	**4.3**
OMW-10	15	11/13/89	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	**6.9**
OMW-11	5	11/21/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-11	10	11/21/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-11	14	11/21/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-12	4.5	11/20/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-12	10	11/20/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-12	15	11/20/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-13	5	11/21/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-13	9	11/21/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
OMW-13	15	11/21/91	< 1	< 1	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA

Table 1. Historical Soil Analytical Results - Former Shell Station, Incident #97093400
500 40th St, Oakland, California

Abbreviations and Notes:

TBA = Tert-butanol, analyzed by modified EPA Method 8260B.

MTBE = Methyl tertiary-butyl ether. Analyzed by EPA Method 8260B and 8260B C6-12. Highest concentration reported.

DIPE = Di-isopropyl ether, analyzed by modified EPA Method 8260B.

ETBE = Ethyl tert butyl ether, analyzed by modified EPA Method 8260B.

TAME = Tert-amyl methyl ether, analyzed by modified EPA Method 8260B.

Ethanol analyzed by modified EPA Method 8260B.

Methanol analyzed by analyzed by EPA Method 8015Mod.

fbg = Feet below grade.

<n = Below laboratory detection limit of n ppm.

ATTACHMENT A

Groundwater Elevation and Analytical Data

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
EW-1	08/06/1991	180	<50	5.4	<0.5	0.9	0.7	NA	NA	NA	NA	NA	NA	78.26	NA	NA	NA	NA
EW-1	10/30/1991	70	<50	2.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	12.72	65.54	NA	NA
EW-1	02/15/1992	<50	NA	2.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	NA	NA	NA	NA
EW-1	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	11.71	66.55	NA	NA
EW-1	05/22/1992	99	NA	4.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	12.84	65.42	NA	NA
EW-1	08/19/1992	140	NA	6.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	13.04	65.22	NA	NA
EW-1	11/18/1992	56	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	12.90	65.36	NA	NA
EW-1	02/11/1993	63	NA	<0.5	<0.5	<0.5	0.9	NA	NA	NA	NA	NA	NA	78.26	11.28	66.98	NA	NA
EW-1 (D)	02/11/1993	63	NA	<0.5	<0.5	<0.5	0.8	NA	NA	NA	NA	NA	NA	78.26	NA	NA	NA	NA
EW-1	05/19/1993	60a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	12.52	65.74	NA	NA
EW-1	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	12.48	65.78	NA	NA
EW-1	11/17/1993	170	NA	17	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	12.63	65.63	NA	NA
EW-1 (D)	11/17/1993	190	NA	17	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	NA	NA	NA	NA
EW-1	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	11.38	66.88	NA	NA
EW-1	05/26/1994	<50	NA	3.5	<0.5	<0.5	0.51	NA	NA	NA	NA	NA	NA	78.26	12.02	66.24	NA	NA
EW-1	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	12.76	65.50	NA	NA
EW-1	11/11/1994	200	NA	13	0.88	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	11.08	67.18	NA	NA
EW-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	10.88	67.38	NA	NA
EW-1	05/07/1995	90	NA	8.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	78.26	11.32	66.94	NA	NA
EW-1	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	11.76	66.50	NA	NA
EW-1	11/02/1995	240	NA	12	1.5	0.6	1.9	NA	NA	NA	NA	NA	NA	78.26	12.80	65.46	NA	NA
EW-1	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	10.15	68.11	NA	NA
EW-1	05/04/1996	<50	NA	1.4	<0.50	<0.50	<0.50	4.1	NA	NA	NA	NA	NA	78.26	12.26	66.00	NA	NA
EW-1	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	13.43	64.83	NA	NA
EW-1	11/24/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	78.26	12.24	66.02	NA	NA
EW-1	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	12.20	66.06	NA	NA
EW-1	05/01/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	78.26	12.97	65.29	NA	NA
EW-1	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	13.43	64.83	NA	NA
EW-1	11/04/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	78.26	13.20	65.06	NA	NA
EW-1	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	10.52	67.74	NA	NA
EW-1	05/11/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	78.26	12.35	65.91	NA	NA
EW-1	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	12.90	65.36	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
EW-1	10/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	78.26	13.34	64.92	NA	NA
EW-1	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	9.28	68.98	NA	NA
EW-1	04/12/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	78.26	10.28	67.98	NA	NA
EW-1	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	13.04	65.22	NA	NA
EW-1	10/25/1999	<50.0	NA	0.885	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	78.26	13.12	65.14	NA	NA
EW-1	01/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	10.50	67.76	NA	2.0
EW-1	04/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	78.26	12.05	66.21	NA	1.8
EW-1	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	13.00	65.26	NA	NA
EW-1	11/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	78.26	12.15	66.11	NA	2.4
EW-1	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	12.24	66.02	NA	4.4
EW-1	04/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	78.26	12.56	65.70	NA	5.8
EW-1	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	12.97	65.29	NA	4.2
EW-1	10/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	78.26	13.69	64.57	NA	0.3
EW-1	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	11.98	66.28	NA	c
EW-1	05/10/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	78.26	12.68	65.58	NA	2.3
EW-1	07/18/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.26	NA	NA	NA	NA
EW-1	10/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	81.11	13.38	67.73	NA	NA
EW-1	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.11	11.43	69.68	NA	NA
EW-1	04/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	81.11	11.55	69.56	NA	NA
EW-1	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.11	12.84	68.27	NA	NA
EW-1	10/16/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	81.11	13.00	68.11	NA	NA
EW-1	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.11	11.15	69.96	NA	NA
EW-1	04/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.11	12.41	68.70	NA	NA
EW-1	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.11	12.08	69.03	NA	NA
EW-1	04/14/2005	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.11	NA	NA	NA	NA
MW-2	08/06/1991	1200	230	59	1.1	38	56	NA	NA	NA	NA	NA	NA	80.80	12.12	68.68	NA	NA
MW-2	10/30/1991	520	300	56	<0.5	56	100	NA	NA	NA	NA	NA	NA	80.80	11.70	69.10	NA	NA
MW-2	02/15/1992	2300	2200a	87	<2.5	88	150	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	11.10	69.70	NA	NA
MW-2	05/22/1992	700	NA	24	1.0	34	48	NA	NA	NA	NA	NA	NA	80.80	12.12	68.68	NA	NA
MW-2	08/19/1992	740	NA	21	<2.5	24	26	NA	NA	NA	NA	NA	NA	80.80	12.18	68.62	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2 (D)	08/19/1992	840	NA	31	<2.5	36	43	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	11/18/1992	920	NA	19	<2.5	30	51	NA	NA	NA	NA	NA	NA	80.80	12.03	68.77	NA	NA
MW-2 (D)	11/18/1992	870	NA	25	<2.5	34	52	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	02/11/1993	1000	NA	25	6.0	43	73	NA	NA	NA	NA	NA	NA	80.80	11.15	69.65	NA	NA
MW-2	05/19/1993	570	NA	19	<0.5	37	42	NA	NA	NA	NA	NA	NA	80.80	11.80	69.00	NA	NA
MW-2	08/18/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	11/17/1993	250	NA	10	<1.0	26	20	NA	NA	NA	NA	NA	NA	80.80	12.00	68.80	NA	NA
MW-2	02/18/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	05/26/1994	620	NA	17	1.4	25	31	NA	NA	NA	NA	NA	NA	80.80	11.61	69.19	NA	NA
MW-2 (D)	05/26/1994	600	NA	16	1.2	24	29	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	11.96	68.84	NA	NA
MW-2	11/11/1994	1100	NA	28	3.1	39	65	NA	NA	NA	NA	NA	NA	80.80	10.74	70.06	NA	NA
MW-2	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	11.58	69.22	NA	NA
MW-2	05/07/1995	700	NA	15	<0.5	35	39	NA	NA	NA	NA	NA	NA	80.80	10.98	69.82	NA	NA
MW-2	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	11.90	68.90	NA	NA
MW-2	11/02/1995	140	NA	2.3	<0.5	4.4	3.7	NA	NA	NA	NA	NA	NA	80.80	12.12	68.68	NA	NA
MW-2	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	10.25	70.55	NA	NA
MW-2	05/04/1996	140	NA	2.1	<0.50	4.6	4.9	6.2	NA	NA	NA	NA	NA	80.80	11.30	69.50	NA	NA
MW-2	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	15.10	65.70	NA	NA
MW-2	11/24/1996	620	NA	9.7	<0.50	2.0	46	<2.5	NA	NA	NA	NA	NA	80.80	12.13	68.67	NA	NA
MW-2	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.01	68.79	NA	NA
MW-2	05/01/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	80.80	12.94	67.86	NA	NA
MW-2	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	13.22	67.58	NA	NA
MW-2	11/04/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	80.80	13.00	67.80	NA	NA
MW-2	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	10.47	70.33	NA	NA
MW-2	05/11/1998	59	NA	0.56	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	80.80	12.49	68.31	NA	NA
MW-2	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.82	67.98	NA	NA
MW-2	10/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	80.80	13.13	67.67	NA	NA
MW-2	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	9.10	71.70	NA	NA
MW-2	04/12/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	80.80	10.06	70.74	NA	NA
MW-2	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.81	67.99	NA	NA
MW-2	10/25/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	80.80	12.89	67.91	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	01/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	NA	NA	NA	NA
MW-2	04/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	80.80	19.35	61.45	NA	1.8
MW-2	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.83	67.97	NA	NA
MW-2	11/01/2000	53.2	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	80.80	11.75	69.05	NA	2.4
MW-2	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.22	68.58	NA	5.8
MW-2	04/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	80.80	12.40	68.40	NA	3.0
MW-2	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.98	67.82	NA	3.4
MW-2	10/18/2001	71	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	80.80	12.87	67.93	NA	0.7
MW-2	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.13	68.67	NA	1.4
MW-2	05/10/2002	74	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	80.80	12.69	68.11	NA	1.4
MW-2	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.80	12.84	67.96	NA	1.2
MW-2	10/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	83.66	13.15	70.51	NA	NA
MW-2	01/30/2003 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.78	11.97	71.81	NA	NA
MW-2	04/17/2003	85	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	83.78	12.19	71.59	NA	NA
MW-2	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.78	12.57	71.21	NA	NA
MW-2	10/16/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	83.78	13.13	70.65	NA	NA
MW-2	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.78	11.58	72.20	NA	NA
MW-2	04/14/2004	73	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	83.78	12.65	71.13	NA	NA
MW-2	10/29/2004	180	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	83.78	12.39	71.39	NA	NA
MW-2	**04/14/2005**	**150**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**83.78**	**12.14**	**71.64**	**NA**	**NA**
MW-3	08/06/1991	1900	470	220	57	57	260	NA	NA	NA	NA	NA	NA	79.60	11.12	68.48	NA	NA
MW-3	10/30/1991	1900	480	160	28	63	180	NA	NA	NA	NA	NA	NA	79.60	10.93	68.67	NA	NA
MW-3	02/15/1992	2300	780a	170	31	59	180	NA	NA	NA	NA	NA	NA	79.60	NA	NA	NA	NA
MW-3	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	10.54	69.06	NA	NA
MW-3	05/22/1992	1500	NA	160	20	44	140	NA	NA	NA	NA	NA	NA	79.60	10.79	68.81	NA	NA
MW-3	08/19/1992	4500	NA	210	64	89	310	NA	NA	NA	NA	NA	NA	79.60	11.23	68.37	NA	NA
MW-3	11/18/1992	2400	NA	81	14	39	140	NA	NA	NA	NA	NA	NA	79.60	11.20	68.40	NA	NA
MW-3	02/11/1993	3000	NA	200	47	90	260	NA	NA	NA	NA	NA	NA	79.60	11.00	68.60	NA	NA
MW-3	05/19/1993	2100	NA	240	44	100	330	NA	NA	NA	NA	NA	NA	79.60	11.16	68.44	NA	NA
MW-3	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	11.35	68.25	NA	NA
MW-3	11/17/1993	1000	NA	110	13	60	150	NA	NA	NA	NA	NA	NA	79.60	11.10	68.50	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	10.76	68.84	NA	NA
MW-3	05/26/1994	1100	NA	200	17	29	58	NA	NA	NA	NA	NA	NA	79.60	11.85	67.75	NA	NA
MW-3	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	10.40	69.20	NA	NA
MW-3	11/11/1994	870	NA	130	10	38	87	NA	NA	NA	NA	NA	NA	79.60	10.04	69.56	NA	NA
MW-3 (D)	11/11/1994	1000	NA	120	10	42	92	NA	NA	NA	NA	NA	NA	79.60	NA	NA	NA	NA
MW-3	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	10.06	69.54	NA	NA
MW-3	05/07/1995	1300	NA	180	7.5	54	110	NA	NA	NA	NA	NA	NA	79.60	10.11	69.49	NA	NA
MW-3	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	11.02	68.58	NA	NA
MW-3	11/02/1995	370	NA	36	1.8	16	21	NA	NA	NA	NA	NA	NA	79.60	10.97	68.63	NA	NA
MW-3	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	9.61	69.99	NA	NA
MW-3	05/04/1996	460	NA	54	1.9	18	28	20	NA	NA	NA	NA	NA	79.60	10.40	69.20	NA	NA
MW-3	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	13.55	66.05	NA	NA
MW-3	11/24/1996	2800	NA	290	<10	29	39	<50	NA	NA	NA	NA	NA	79.60	11.83	67.77	NA	NA
MW-3	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	11.81	67.79	NA	NA
MW-3	05/01/1997	2000	NA	120	<5.0	53	14	60	NA	NA	NA	NA	NA	79.60	12.34	67.26	NA	NA
MW-3	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	12.86	66.74	NA	NA
MW-3	11/04/1997	470	NA	120	<2.5	<2.5	7.3	<25	NA	NA	NA	NA	NA	79.60	12.62	66.98	NA	NA
MW-3	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	10.78	68.82	NA	NA
MW-3	05/11/1998	4400	NA	260	<10	220	36	170	NA	NA	NA	NA	NA	79.60	11.98	67.62	NA	NA
MW-3	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	12.38	67.22	NA	NA
MW-3	10/20/1998	1700	NA	120	<2.0	18	7.1	19	NA	NA	NA	NA	NA	79.60	12.55	67.05	NA	NA
MW-3 (D)	10/20/1998	1400	NA	120	<5.0	18	<5.0	80	NA	NA	NA	NA	NA	79.60	NA	NA	NA	NA
MW-3	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	8.53	71.07	NA	NA
MW-3	04/12/1999	8040	NA	554	30	436	624	160	NA	NA	NA	NA	NA	79.60	10.19	69.41	NA	NA
MW-3	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	12.21	67.39	NA	NA
MW-3	10/25/1999	827	NA	31	2.23	14.5	6.71	<10.0	NA	NA	NA	NA	NA	79.60	12.35	67.25	NA	NA
MW-3	01/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	NA	NA	NA	NA
MW-3	04/24/2000	1470	NA	121	<5.00	63.8	14.1	<25.0	NA	NA	NA	NA	NA	79.60	11.75	67.85	NA	1.0
MW-3	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	12.56	67.04	NA	NA
MW-3	11/01/2000	1550	NA	143	<1.25	36.4	35.3	24.4	NA	NA	NA	NA	NA	79.60	11.48	68.12	NA	2.2
MW-3	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	11.83	67.77	NA	6.6
MW-3	04/13/2001	2560	NA	250	<10.0	108	<10.0	92.1	NA	NA	NA	NA	NA	79.60	12.08	67.52	NA	3.6

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	12.68	66.92	NA	2.8
MW-3	10/18/2001	2300	NA	150	0.90	42	11	NA	<5.0	NA	NA	NA	NA	79.60	13.21	66.39	NA	0.1
MW-3	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	11.83	67.77	NA	2.3
MW-3	05/10/2002	3300	NA	77	0.60	94	3.1	NA	<5.0	NA	NA	NA	NA	79.60	12.24	67.36	NA	1.5
MW-3	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.60	12.43	67.17	NA	2.1
MW-3	10/31/2002	2100	NA	89	0.57	26	5.7	NA	<5.0	NA	NA	NA	NA	82.46	12.60	69.86	NA	2.0
MW-3	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.46	11.76	70.70	NA	4.6
MW-3	04/17/2003	2100	NA	55	0.79	100	110	NA	<5.0	NA	NA	NA	NA	82.46	11.80	70.66	NA	1.8
MW-3	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.46	12.28	70.18	NA	4.0
MW-3	10/16/2003	120 e	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	82.46	12.35	70.11	NA	2.0
MW-3	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.46	11.35	71.11	NA	2.9
MW-3	04/14/2004	130	NA	1.6	<0.50	1.5	<1.0	NA	<0.50	NA	NA	NA	NA	82.46	12.12	70.34	NA	3.4
MW-3	10/29/2004	490	NA	11	<0.50	19	18	NA	<0.50	<2.0	<2.0	<2.0	<5.0	82.46	11.67	70.79	NA	1.2
MW-3	**04/14/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**82.46**	**11.65**	**70.81**	**NA**	**0.1**
MW-4	08/06/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.36	68.64	NA	NA
MW-4	10/30/1991	50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.02	68.98	NA	NA
MW-4	02/15/1992	90	NA	0.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	NA	NA	NA	NA
MW-4	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	11.34	69.66	NA	NA
MW-4	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.35	68.65	NA	NA
MW-4	08/19/1992	82a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.41	68.59	NA	NA
MW-4	11/18/1992	85a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.28	68.72	NA	NA
MW-4	02/11/1993	62a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	11.65	69.35	NA	NA
MW-4	05/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	11.92	69.08	NA	NA
MW-4	08/18/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	NA	NA	NA	NA
MW-4	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.24	68.76	NA	NA
MW-4	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	11.69	69.31	NA	NA
MW-4	05/26/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.00	69.00	NA	NA
MW-4	11/11/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	11.30	69.70	NA	NA
MW-4	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	10.99	70.01	NA	NA
MW-4	05/07/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	11.69	69.31	NA	NA
MW-4	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	11.72	69.28	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	11/02/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.00	12.23	68.77	NA	NA
MW-4	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	11.13	69.87	NA	NA
MW-4	05/04/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.00	11.80	69.20	NA	NA
MW-4	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	13.27	67.73	NA	NA
MW-4	11/24/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.00	12.42	68.58	NA	NA
MW-4	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	12.38	68.62	NA	NA
MW-4	05/01/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.00	13.08	67.92	NA	NA
MW-4	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	13.73	67.27	NA	NA
MW-4	11/04/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	NA	NA	NA	NA
MW-4	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	11.41	69.59	NA	NA
MW-4	05/11/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	NA	NA	NA	NA
MW-4	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	13.05	67.95	NA	NA
MW-4	10/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.00	13.30	67.70	NA	NA
MW-4	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	9.19	71.81	NA	NA
MW-4	04/12/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	81.00	9.26	71.74	NA	NA
MW-4	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	12.57	68.43	NA	NA
MW-4	10/25/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	81.00	13.15	67.85	NA	NA
MW-4	01/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	NA	NA	NA	NA
MW-4	04/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	14.5	NA	NA	NA	NA	NA	81.00	12.55	68.45	NA	2.5
MW-4	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	13.31	67.69	NA	NA
MW-4	11/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	81.00	12.09	68.91	NA	2.8
MW-4	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	12.58	68.42	NA	8.4
MW-4	04/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	81.00	12.75	68.25	NA	2.6
MW-4	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	13.30	67.70	NA	4.2
MW-4	10/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	81.00	13.45	67.55	NA	1.4
MW-4	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	12.55	68.45	NA	c
MW-4	05/10/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	81.00	12.93	68.07	NA	1.5
MW-4	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.00	13.13	67.87	NA	1.4
MW-4	10/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	83.92	13.40	70.52	NA	NA
MW-4	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.92	12.44	71.48	NA	NA
MW-4	04/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	83.92	12.24	71.68	NA	NA
MW-4	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.92	13.02	70.90	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	10/16/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	83.92	13.15	70.77	NA	NA
MW-4	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.92	12.20	71.72	NA	NA
MW-4	04/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.92	12.80	71.12	NA	NA
MW-4	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.92	12.41	71.51	NA	NA
MW-4	04/14/2005	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83.92	NA	NA	NA	NA
MW-5	08/06/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	13.02	68.48	NA	NA
MW-5	10/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.73	68.77	NA	NA
MW-5	02/15/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	NA	NA	NA	NA
MW-5	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.52	68.98	NA	NA
MW-5	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	13.05	68.45	NA	NA
MW-5	08/19/1992	55a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	13.04	68.46	NA	NA
MW-5	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.91	68.59	NA	NA
MW-5	02/11/1993	59a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.44	69.06	NA	NA
MW-5	05/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.84	68.66	NA	NA
MW-5 (D)	05/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	NA	NA	NA	NA
MW-5	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.89	68.61	NA	NA
MW-5	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.30	69.20	NA	NA
MW-5	05/26/1994	<50	NA	1.8	2.4	1.3	4.9	NA	NA	NA	NA	NA	NA	81.50	12.73	68.77	NA	NA
MW-5	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.88	68.62	NA	NA
MW-5	11/11/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.20	69.30	NA	NA
MW-5	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	11.78	69.72	NA	NA
MW-5	05/07/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	12.47	69.03	NA	NA
MW-5	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.83	68.67	NA	NA
MW-5	11/02/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	81.50	13.02	68.48	NA	NA
MW-5	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.11	69.39	NA	NA
MW-5	05/04/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	13.20	68.30	NA	NA
MW-5	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	14.24	67.26	NA	NA
MW-5	11/24/1996	<50	NA	<0.50	<0.5	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	13.58	67.92	NA	NA
MW-5	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	13.54	67.96	NA	NA
MW-5	05/01/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	14.17	67.33	NA	NA
MW-5	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	14.35	67.15	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	11/04/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	14.30	67.20	NA	NA
MW-5 (D)	11/04/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	NA	NA	NA	NA
MW-5	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.86	68.64	NA	NA
MW-5	05/11/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	13.89	67.61	NA	NA
MW-5	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	14.20	67.30	NA	NA
MW-5	10/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	81.50	14.41	67.09	NA	NA
MW-5	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	10.31	71.19	NA	NA
MW-5	04/12/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	81.50	11.30	70.20	NA	NA
MW-5	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	12.63	68.87	NA	NA
MW-5	10/25/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	81.50	14.15	67.35	NA	NA
MW-5	01/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	11.65	69.85	NA	1.8
MW-5	04/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	81.50	13.71	67.79	NA	2.1
MW-5	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	14.48	67.02	NA	NA
MW-5	11/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	81.50	13.26	68.24	NA	3.2
MW-5	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	13.68	67.82	NA	7.8
MW-5	04/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	81.50	13.90	67.60	NA	3.2
MW-5	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	14.72	66.78	NA	4.8
MW-5	10/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	81.50	14.41	67.09	NA	1.1
MW-5	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	13.69	67.81	NA	1.4
MW-5	05/10/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	81.50	14.05	67.45	NA	2.2
MW-5	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.50	14.23	67.27	NA	1.2
MW-5	10/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	84.36	14.36	70.00	NA	2.8
MW-5	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	13.70	70.66	NA	2.4
MW-5	04/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	84.36	13.52	70.84	NA	2.6
MW-5	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	14.13	70.23	NA	1.6
MW-5	10/16/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	84.36	14.21	70.15	NA	2.1
MW-5	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	14.15	70.21	NA	3.1
MW-5	04/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	13.95	70.41	NA	2.5
MW-5	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	13.63	70.73	NA	0.8
MW-5	04/14/2005	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	84.36	NA	NA	NA	0.8
OMW-6	08/06/1991	26000	3600	910	420	560	1900	NA	NA	NA	NA	NA	NA	77.90	10.71	67.19	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-6	10/30/1991	20000	4600	710	240	410	1700	NA	NA	NA	NA	NA	NA	77.90	10.50	67.40	NA	NA
OMW-6	02/15/1992	35000	27000	690	420	650	3000	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	9.24	68.66	NA	NA
OMW-6	05/22/1992	15000	NA	460	110	300	1600	NA	NA	NA	NA	NA	NA	77.90	10.13	67.77	NA	NA
OMW-6	08/19/1992	24000	NA	600	300	460	2000	NA	NA	NA	NA	NA	NA	77.90	10.16	67.74	NA	NA
OMW-6	11/18/1992	29000	NA	480	250	450	2300	NA	NA	NA	NA	NA	NA	77.90	9.94	67.96	NA	NA
OMW-6	02/11/1993	24000	NA	1300	250	630	2400	NA	NA	NA	NA	NA	NA	77.90	9.20	68.70	NA	NA
OMW-6	05/19/1993	18000	NA	750	180	520	2500	NA	NA	NA	NA	NA	NA	77.90	10.64	67.86	NA	NA
OMW-6	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	10.04	67.86	NA	NA
OMW-6	11/17/1993	14000	NA	260	64	430	1900	NA	NA	NA	NA	NA	NA	77.90	10.12	67.78	NA	NA
OMW-6	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	9.65	68.25	NA	NA
OMW-6	05/26/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	11/11/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	8.96	68.94	NA	NA
OMW-6	05/07/1995	11000	NA	460	82	280	540	NA	NA	NA	NA	NA	NA	77.90	8.64	69.26	NA	NA
OMW-6 (D)	05/07/1995	14000	NA	480	61	230	370	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	12.09	65.81	NA	NA
OMW-6	02/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	05/04/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	14.45	63.45	NA	NA
OMW-6	11/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	13.12	64.78	NA	NA
OMW-6	05/01/1997	17000	NA	630	52	610	1300	380	NA	NA	NA	NA	NA	77.90	13.19	64.71	NA	NA
OMW-6 (D)	05/01/1997	20000	NA	630	54	630	1300	500	<20	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	13.52	64.38	NA	NA
OMW-6	11/04/1997	10000	NA	610	23	410	820	<100	NA	NA	NA	NA	NA	77.90	13.12	64.78	NA	NA
OMW-6	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	12.19	65.71	NA	NA
OMW-6	05/11/1998	14000	NA	500	32	900	1000	110	NA	NA	NA	NA	NA	77.90	12.71	65.19	NA	NA
OMW-6 (D)	05/11/1998	14000	NA	490	<25	900	980	370	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	13.18	64.72	NA	NA
OMW-6	10/20/1998	7500	NA	220	<20	290	130	120	NA	NA	NA	NA	NA	77.90	13.11	64.79	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-6	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	9.07	68.83	NA	NA
OMW-6	04/12/1999	11300	NA	818	67.2	600	690	342	NA	NA	NA	NA	NA	77.90	10.10	67.80	NA	NA
OMW-6	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	12.18	65.72	NA	NA
OMW-6	10/25/1999	11100	NA	559	21.1	329	75.7	<100	NA	NA	NA	NA	NA	77.90	12.58	65.32	NA	NA
OMW-6	01/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	04/24/2000	12700	NA	576	<10.0	452	141	556	NA	NA	NA	NA	NA	77.90	12.35	65.55	NA	1.1
OMW-6	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	13.08	64.82	NA	NA
OMW-6	11/01/2000	10700	NA	179	27.5	532	416	304	14.6	NA	NA	NA	NA	77.90	11.91	65.99	NA	0.6
OMW-6	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	12.08	65.82	NA	6.0
OMW-6	04/13/2001	8650	NA	103	25.6	318	207	258	<1.00	NA	NA	NA	NA	77.90	12.00	65.90	NA	4.2
OMW-6	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	11.86	66.04	NA	5.2
OMW-6	10/18/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	11/01/2001	6600	NA	85	<2.0	160	53	NA	<20	NA	NA	NA	NA	77.90	13.23	64.67	NA	3.4
OMW-6	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	12.63	65.27	NA	4.2
OMW-6	05/10/2002	7600	NA	230	2.9	370	25	NA	<20	NA	NA	NA	NA	77.90	13.07	64.83	NA	1.2
OMW-6	07/18/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.90	NA	NA	NA	NA
OMW-6	10/31/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA
OMW-6	11/11/2002	6600	NA	37	<5.0	42	<5.0	NA	<50	NA	NA	NA	NA	NS	12.82	NA	NA	1.0
OMW-6	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.78	NA	NA	2.8
OMW-6	04/17/2003	5500	NA	89	1.4	61	20	NA	<5.0	NA	NA	NA	NA	NS	13.02	NA	NA	1.6
OMW-6	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	13.08	NA	NA	2.0
OMW-6	10/16/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA
OMW-6	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.69	NA	NA	8.9
OMW-6	04/14/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA
OMW-6	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.21	NA	NA	0.1
OMW-6	**04/14/2005**	**3600**	**NA**	**18**	**<0.50**	**160**	**13**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**NS**	**12.88**	**NA**	**NA**	**0.7**

MW-8	08/06/1991	90	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	13.08	66.83	NA	NA
MW-8	10/30/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	12.87	67.04	NA	NA
MW-8	02/15/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	NA	NA	NA	NA
MW-8	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	11.54	68.37	NA	NA
MW-8	05/22/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	12.32	67.59	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-8	08/19/1992	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	12.58	67.33	NA	NA
MW-8	11/18/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	12.47	67.44	NA	NA
MW-8	02/11/1993	76a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	11.02	68.89	NA	NA
MW-8	05/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	11.78	68.13	NA	NA
MW-8	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.22	67.69	NA	NA
MW-8	11/17/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	12.25	67.66	NA	NA
MW-8	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	10.56	69.35	NA	NA
MW-8	05/26/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	11.30	68.61	NA	NA
MW-8	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	11.90	68.01	NA	NA
MW-8	11/11/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	10.12	69.79	NA	NA
MW-8	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	11.64	68.27	NA	NA
MW-8	05/07/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	10.77	69.14	NA	NA
MW-8	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	10.92	68.99	NA	NA
MW-8	11/02/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	79.91	11.93	67.98	NA	NA
MW-8	02/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	NA	NA	NA	NA
MW-8	05/04/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	79.91	11.66	68.25	NA	NA
MW-8	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	9.84	70.07	NA	NA
MW-8	11/24/1996	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	79.91	11.53	68.38	NA	NA
MW-8	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	11.54	68.37	NA	NA
MW-8	05/01/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	79.91	12.37	67.54	NA	NA
MW-8	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.73	67.18	NA	NA
MW-8	11/04/1997	50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	79.91	12.60	67.31	NA	NA
MW-8	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	9.73	70.18	NA	NA
MW-8	05/11/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	79.91	11.93	67.98	NA	NA
MW-8	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.35	67.56	NA	NA
MW-8	10/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	79.91	12.88	67.03	NA	NA
MW-8	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	8.79	71.12	NA	NA
MW-8	04/12/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	79.91	9.86	70.05	NA	NA
MW-8	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.35	67.56	NA	NA
MW-8	10/25/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	79.91	12.53	67.38	NA	NA
MW-8	01/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	8.42	71.49	NA	1.3
MW-8	04/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	79.91	11.49	68.42	NA	2.0

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-8	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.87	67.04	NA	NA
MW-8	11/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	79.91	11.19	68.72	NA	4.0
MW-8	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	11.62	68.29	NA	7.0
MW-8	04/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	79.91	11.86	68.05	NA	4.6
MW-8	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.42	67.49	NA	6.4
MW-8	10/18/2001	81	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	79.91	13.24	66.67	NA	2.3
MW-8	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	11.39	68.52	NA	3.1
MW-8	05/10/2002	95	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	79.91	12.25	67.66	NA	2.5
MW-8	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.91	12.45	67.46	NA	2.8
MW-8	10/31/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.34	NA	NA	NA	NA
MW-8	11/11/2002	110	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	82.34	12.03	70.31	NA	NA
MW-8	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.34	11.85	70.49	NA	NA
MW-8	04/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	82.34	11.30	71.04	NA	NA
MW-8	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.34	12.40	69.94	NA	NA
MW-8	10/16/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	82.34	12.62	69.72	NA	NA
MW-8	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.34	11.85	70.49	NA	NA
MW-8	04/16/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	82.34	12.00	70.34	NA	NA
MW-8	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	82.34	11.66	70.68	NA	NA
MW-8	**04/14/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**82.34**	**10.81**	**71.53**	**NA**	**NA**
OMW-9	08/06/1991	3900	190	58	8.8	80	220	NA	NA	NA	NA	NA	NA	77.71	10.38	67.33	NA	NA
OMW-9	10/30/1991	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	03/18/1992	1800a	210	84	11	49	60	NA	NA	NA	NA	NA	NA	77.71	8.76	68.95	NA	NA
OMW-9	05/20/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	08/19/1992	4600	22a	63	<25	48	70	NA	NA	NA	NA	NA	NA	77.71	9.98	67.73	NA	NA
OMW-9	11/18/1992	1800	130a	30	9.2	46	61	NA	NA	NA	NA	NA	NA	77.71	9.81	67.90	NA	NA
OMW-9	02/11/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	05/19/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	9.75	67.96	NA	NA
OMW-9	11/17/1993	5900	2400a	86	14	150	46	NA	NA	NA	NA	NA	NA	77.71	9.92	67.79	NA	NA
OMW-9	02/18/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	05/26/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-9	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	11/11/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	05/07/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	08/02/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	02/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	05/04/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	09/07/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	11/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	02/23/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	05/01/1997	4700	1100	150	14	97	52	330	NA	NA	NA	NA	NA	77.71	12.10	65.61	NA	NA
OMW-9	07/22/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	11/04/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	NA	NA	NA	NA
OMW-9	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	11.32	66.39	NA	NA
OMW-9	05/11/1998	5500.0	1500	220	10	160	91	110	NA	NA	NA	NA	NA	77.71	11.95	65.76	NA	NA
OMW-9	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	12.08	65.63	NA	NA
OMW-9	10/20/1998	1200	780	18	<5.0	14	6.0	48	NA	NA	NA	NA	NA	77.71	12.03	65.68	NA	NA
OMW-9*	11/23/1998	1700	890	88	9.0	42	22	170	NA	NA	NA	NA	NA	77.71	11.85	65.86	NA	NA
OMW-9	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	8.01	69.70	NA	NA
OMW-9	04/12/1999	2670	1870	97	<5.00	111	54	401	NA	NA	NA	NA	NA	77.71	9.55	68.16	NA	NA
OMW-9	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	11.87	65.84	NA	NA
OMW-9	10/25/1999	2670	606	31.3	<2.50	8.32	<2.50	107	NA	NA	NA	NA	NA	77.71	11.93	65.78	NA	NA
OMW-9	01/24/2000	1400	1250	44.5	<1.00	12.6	8.66	69.8	23.5	NA	NA	NA	NA	77.71	10.32	67.39	NA	1.2
OMW-9	04/24/2000	1440	644	53.3	0.605	4.63	10.2	80.7	NA	NA	NA	NA	NA	77.71	11.33	66.38	NA	1.8
OMW-9	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	11.82	65.89	NA	NA
OMW-9	11/01/2000	2160	685	92.6	7.96	4.69	4.02	88.8	NA	NA	NA	NA	NA	77.71	11.45	66.26	NA	2.0
OMW-9	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	11.83	65.88	NA	4.2
OMW-9	04/13/2001	3620	923	167	3.16	60.2	14.5	231	NA	NA	NA	NA	NA	77.71	12.19	65.52	NA	3.8
OMW-9	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	12.04	65.67	NA	3.8
OMW-9	10/18/2001	1400	<500	23	0.77	1.8	1.4	NA	10	NA	NA	NA	NA	77.71	12.90	64.81	NA	0.4
OMW-9	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	11.97	65.74	NA	4.0
OMW-9	05/10/2002	3900	380	84	2.9	120	23	NA	11	NA	NA	NA	NA	77.71	12.27	65.44	NA	1.1

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-9	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.71	12.42	65.29	NA	4.2
OMW-9	10/31/2002	4700	<1500	40	1.1	14	14	NA	<5.0	NA	NA	NA	NA	NS	12.60	NA	NA	2.4
OMW-9	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.15	NA	NA	4.8
OMW-9	04/17/2003	<50	120	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NS	11.61	NA	NA	1.8
OMW-9	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.22	NA	NA	4.2
OMW-9	10/16/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA
OMW-9	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	11.87	NA	NA	9.1
OMW-9	04/14/2004	460	470 e	6.1	<0.50	21	1.2	NA	1.2	NA	NA	NA	NA	NS	12.44	NA	NA	1.0
OMW-9	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	11.95	NA	NA	11.4
OMW-9	**04/14/2005**	**<50**	**210 e**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**NS**	**11.82**	**NA**	**NA**	**1.9**
OMW-10	08/07/1991	460	<50	73	1.0	18	8.4	NA	NA	NA	NA	NA	NA	77.91	10.00	67.91	NA	NA
OMW-10	10/31/1991	630	150	100	<0.5	33	26	NA	NA	NA	NA	NA	NA	77.91	10.10	67.81	NA	NA
OMW-10	02/15/1992	810	570a	85	2.5	44	38	NA	NA	NA	NA	NA	NA	77.91	NA	NA	NA	NA
OMW-10	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	9.55	68.36	NA	NA
OMW-10	05/21/1992	280	NA	47	0.7	4.0	3.1	NA	NA	NA	NA	NA	NA	77.91	10.41	67.50	NA	NA
OMW-10	08/19/1992	330	NA	35	<1	6.0	4.1	NA	NA	NA	NA	NA	NA	77.91	10.46	67.45	NA	NA
OMW-10	11/18/1993	300	NA	30	0.8	7.1	6.3	NA	NA	NA	NA	NA	NA	77.91	10.31	67.60	NA	NA
OMW-10	02/11/1993	510a	NA	49	3.8	18	18	NA	NA	NA	NA	NA	NA	77.91	9.68	68.23	NA	NA
OMW-10	05/19/1993	<50	NA	96	<0.5	3.4	1.5	NA	NA	NA	NA	NA	NA	77.91	10.19	67.72	NA	NA
OMW-10	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	10.29	67.62	NA	NA
OMW-10	11/17/1993	400	NA	24	<1.0	2.8	1.9	NA	NA	NA	NA	NA	NA	77.91	10.32	67.59	NA	NA
OMW-10	02/18/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	9.30	68.61	NA	NA
OMW-10	05/26/1994	330	NA	32	13	7.5	26	NA	NA	NA	NA	NA	NA	77.91	10.14	67.77	NA	NA
OMW-10	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	10.38	67.53	NA	NA
OMW-10	11/11/1994	110	NA	7.8	<0.5	2.3	1.5	NA	NA	NA	NA	NA	NA	77.91	9.34	68.57	NA	NA
OMW-10	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	10.17	67.74	NA	NA
OMW-10	05/07/1995	1600	NA	110	3.1	17	12	NA	NA	NA	NA	NA	NA	77.91	9.63	68.28	NA	NA
OMW-10	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	10.07	67.84	NA	NA
OMW-10	11/02/1995	1200	NA	47	0.8	1.4	2.4	NA	NA	NA	NA	NA	NA	77.91	9.74	68.17	NA	NA
OMW-10 (D)	11/02/1995	1300	NA	50	0.8	1.5	2.5	NA	NA	NA	NA	NA	NA	77.91	NA	NA	NA	NA
OMW-10	02/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-10	05/04/1996	1100	NA	76	16	7.4	32	57	NA	NA	NA	NA	NA	77.91	9.97	67.94	NA	NA
OMW-10 (D)	05/04/1996	700	NA	63	13	6.4	25	21	NA	NA	NA	NA	NA	77.91	NA	NA	NA	NA
OMW-10	09/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	13.00	64.91	NA	NA
OMW-10	11/24/1996	540	NA	13	2.7	1.3	1.7	16	NA	NA	NA	NA	NA	77.91	12.56	65.35	NA	NA
OMW-10 (D)	11/24/1996	490	NA	25	<2.0	<2.0	<2.0	66	NA	NA	NA	NA	NA	77.91	NA	NA	NA	NA
OMW-10	02/23/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	12.52	65.39	NA	NA
OMW-10	05/01/1997	910	NA	1.3	10	4.1	5.9	4.1	NA	NA	NA	NA	NA	77.91	13.13	64.78	NA	NA
OMW-10	07/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	13.46	64.45	NA	NA
OMW-10	11/04/1997	460	NA	5.0	<0.50	1.3	2.2	<5.0	NA	NA	NA	NA	NA	77.91	12.08	65.83	NA	NA
OMW-10	01/21/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	11.77	66.14	NA	NA
OMW-10	05/11/1998	370	NA	4.1	0.7	<0.50	0.88	5.2	NA	NA	NA	NA	NA	77.91	12.86	65.05	NA	NA
OMW-10	08/11/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	13.20	64.71	NA	NA
OMW-10	10/20/1998	490	NA	<0.50	<0.50	1.6	2.3	5.9	NA	NA	NA	NA	NA	77.91	13.20	64.71	NA	NA
OMW-10**	11/23/1998	150	790	3.2	0.72	<0.50	1.5	5	NA	NA	NA	NA	NA	77.91	12.85	65.06	NA	NA
OMW-10	02/08/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	9.18	68.73	NA	NA
OMW-10	04/12/1999	1910	NA	59.8	65.80	67	41.6	<100	NA	NA	NA	NA	NA	77.91	10.25	67.66	NA	NA
OMW-10	07/27/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	12.85	65.06	NA	NA
OMW-10	10/25/1999	130	NA	1.08	<0.500	0.522	<0.500	<5.00	NA	NA	NA	NA	NA	77.91	12.99	64.92	NA	NA
OMW-10	01/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	10.61	67.30	NA	0.6
OMW-10	04/24/2000	60.7	NA	1.73	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	77.91	12.35	65.56	NA	1.1
OMW-10	07/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	12.76	65.15	NA	NA
OMW-10	11/01/2000	<50.0	NA	0.664	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	77.91	11.96	65.95	NA	2.2
OMW-10	01/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	12.51	65.40	NA	3.4
OMW-10	04/13/2001	91.0	NA	1.75	0.720	<0.500	0.718	6.11	NA	NA	NA	NA	NA	77.91	12.95	64.96	NA	6.2
OMW-10	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	13.11	64.80	NA	3.4
OMW-10	10/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	77.91	19.69	58.22	NA	0.2
OMW-10	01/24/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	12.83	65.08	NA	2.5
OMW-10	05/10/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	77.91	13.20	64.71	NA	1.1
OMW-10	07/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.91	13.22	64.69	NA	2.3
OMW-10	10/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	81.14	13.55	67.59	NA	NA
OMW-10	01/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.14	12.67	68.47	NA	NA
OMW-10	04/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.6	NA	NA	NA	NA	81.14	12.14	69.00	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-10	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.14	13.08	68.06	NA	NA
OMW-10	10/16/2003	120 e	NA	0.68	<0.50	<0.50	<1.0	NA	0.99	NA	NA	NA	NA	81.14	13.27	67.87	NA	NA
OMW-10	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.14	12.55	68.59	NA	NA
OMW-10	04/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.14	13.04	68.10	NA	NA
OMW-10	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.14	12.61	68.53	NA	NA
OMW-10	04/14/2005	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.14	NA	NA	NA	NA
OMW-11	11/22/1991	450	240	1.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	11.90	63.86	NA	NA
OMW-11	02/15/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	03/18/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/20/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	08/19/1992	270a	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	12.06	63.70	NA	NA
OMW-11	11/18/1992	400a	100	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	12.01	63.75	NA	NA
OMW-11	02/11/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/20/1993	200a	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	11.90	63.86	NA	NA
OMW-11	08/18/1993	180a	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	11.90	63.86	NA	NA
OMW-11	11/17/1993	150a	<50a	<0.5	3.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	11.94	63.82	NA	NA
OMW-11	02/18/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/26/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	11.98	63.78	NA	NA
OMW-11	11/11/1994	160	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	10.88	64.88	NA	NA
OMW-11	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	10.62	65.14	NA	NA
OMW-11	03/05/1995	220	100	0.7	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/07/1995	160	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.76	11.49	64.27	NA	NA
OMW-11	08/02/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	02/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/04/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	09/07/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	11/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	02/23/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/01/1997	130	71	<0.50	<0.50	<0.50	0.61	<2.5	NA	NA	NA	NA	NA	75.76	13.76	62.00	NA	NA
OMW-11	07/22/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-11	11/04/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	01/21/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/11/1998	100	85	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.76	13.18	62.58	NA	NA
OMW-11	08/11/1998	110	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.76	13.50	62.26	NA	NA
OMW-11	10/20/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	04/12/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	07/27/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	10/25/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	01/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	04/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	05/11/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.76	12.21	63.55	NA	NA
OMW-11	07/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	07/29/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	10/26/2000	<50.0	b	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.76	12.47	63.29	NA	1.5
OMW-11	11/01/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	01/19/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	12.29	63.47	NA	NA
OMW-11	04/13/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	04/26/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	04/27/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.76	NA	NA	NA	NA
OMW-11	07/09/2001	130	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.76	13.00	62.76	NA	3.6
OMW-11	10/18/2001	200	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.76	13.35	62.41	NA	0.6
OMW-11	01/24/2002	<50	170	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.76	12.18	63.58	NA	1.7
OMW-11	05/10/2002	180	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.76	12.44	63.32	NA	1.3
OMW-11	07/18/2002	230	68	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.76	12.32	63.44	NA	1.9
OMW-11	10/31/2002	210	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	78.67	12.70	65.97	NA	NA
OMW-11	01/30/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.67	NA	NA	NA	NA
OMW-11	04/17/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.67	NA	NA	NA	NA
OMW-11	07/17/2003	120 e	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	78.67	12.56	66.11	NA	NA
OMW-11	10/16/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.67	NA	NA	NA	NA
OMW-11	01/14/2004	97 e	<50	<0.50	0.67	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	78.67	12.17	66.50	NA	1.6
OMW-11	04/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.67	12.41	66.26	NA	NA
OMW-11	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.67	12.31	66.36	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-11	04/14/2005	Well destroyed	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.67	NA	NA	NA	NA
OMW-12	12/02/1991	<1000	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.31	65.34	NA	NA
OMW-12	03/18/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	8.93	66.72	NA	NA
OMW-12	05/20/1992	180a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.26	65.39	NA	NA
OMW-12	08/19/1992	230a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.53	65.12	NA	NA
OMW-12	11/18/1992	220a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.45	65.20	NA	NA
OMW-12	02/11/1993	240	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	8.90	66.75	NA	NA
OMW-12	05/19/1993	110a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.60	65.05	NA	NA
OMW-12	08/18/1993	140a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.28	65.37	NA	NA
OMW-12	11/17/1993	120a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.24	65.41	NA	NA
OMW-12	02/18/1994	180a	NA	1.7	2.1	0.9	4.8	NA	NA	NA	NA	NA	NA	75.65	8.97	66.68	NA	NA
OMW-12	05/26/1994	150	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	9.62	66.03	NA	NA
OMW-12	08/29/1994	110	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.20	65.45	NA	NA
OMW-12	11/11/1994	90	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	8.54	67.11	NA	NA
OMW-12	02/03/1995	80	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	8.28	67.37	NA	NA
OMW-12 (D)	02/03/1995	100	NA	0.6	<0.5	0.7	1.1	NA	NA	NA	NA	NA	NA	75.65	NA	NA	NA	NA
OMW-12	05/07/1995	110	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	9.17	66.48	NA	NA
OMW-12	08/02/1995	90	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.06	65.59	NA	NA
OMW-12 (D)	08/02/1995	120	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	NA	NA	NA	NA
OMW-12	11/02/1995	130	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	10.09	65.56	NA	NA
OMW-12	02/24/1996	80	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	75.65	7.81	67.84	NA	NA
OMW-12	05/04/1996	61	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	11.72	63.93	NA	NA
OMW-12	09/07/1996	66	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	12.65	63.00	NA	NA
OMW-12	11/24/1996	70	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	11.54	64.11	NA	NA
OMW-12	02/23/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	11.53	64.12	NA	NA
OMW-12	05/01/1997	79	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	12.17	63.48	NA	NA
OMW-12	07/22/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	12.48	63.17	NA	NA
OMW-12 (D)	07/22/1997	51	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	NA	NA	NA	NA
OMW-12	11/04/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	75.65	12.54	63.11	NA	NA
OMW-12	01/21/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	9.82	65.83	NA	NA
OMW-12	05/11/1998	53	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	11.63	64.02	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-12	08/11/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	12.05	63.60	NA	NA
OMW-12	10/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	12.31	63.34	NA	NA
OMW-12	02/08/1999	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	75.65	8.25	67.40	NA	NA
OMW-12	04/12/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.65	NA	NA	NA	NA
OMW-12	07/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.65	10.88	64.77	NA	NA
OMW-12	10/25/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	75.65	11.00	64.65	NA	NA
OMW-12	01/24/2000	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.65	NA	NA	NA	NA
OMW-12	04/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.65	10.53	65.12	NA	2.0
OMW-12	07/24/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.65	11.55	64.10	NA	NA
OMW-12	11/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.65	10.34	65.31	NA	2.6
OMW-12	01/19/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.65	10.60	65.05	NA	7.6
OMW-12	04/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	75.65	10.75	64.90	NA	2.8
OMW-12	07/09/2001	69	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.65	11.64	64.01	NA	4.8
OMW-12	10/18/2001	81	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.65	11.95	63.70	NA	1.3
OMW-12	01/24/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.65	10.27	65.38	NA	3.4
OMW-12	05/10/2002	73	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.65	10.86	64.79	NA	1.6
OMW-12	07/18/2002	71	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	75.65	10.66	64.99	NA	1.7
OMW-12	10/31/2002	76	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	78.58	11.20	67.38	NA	NA
OMW-12	01/30/2003	58	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	78.58	10.30	68.28	NA	NA
OMW-12	04/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	78.58	10.17	68.41	NA	NA
OMW-12	07/17/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	78.58	11.05	67.53	NA	NA
OMW-12	10/16/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	78.58	11.33	67.25	NA	NA
OMW-12	01/14/2004	67 e	NA	<0.50	0.87	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	78.58	10.50	68.08	NA	2.8
OMW-12	04/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.58	10.85	67.73	NA	NA
OMW-12	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.58	10.72	67.86	NA	NA
OMW-12	04/14/2005	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.58	NA	NA	NA	NA
OMW-13	11/22/1991	900	1000	37	9.5	74	130	NA	NA	NA	NA	NA	NA	76.36	11.96	64.40	NA	NA
OMW-13	03/18/1992	900a	590a	24	28	320	320	NA	NA	NA	NA	NA	NA	76.36	10.84	65.52	NA	NA
OMW-13	05/20/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	08/19/1992	7000	470a	180	36	150	150	NA	NA	NA	NA	NA	NA	76.36	12.12	64.24	NA	NA
OMW-13	11/18/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	12.00	64.36	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-13	02/11/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/20/1993	9200	NA	320	83	490	950	NA	NA	NA	NA	NA	NA	76.36	12.26	64.10	NA	NA
OMW-13	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	11.75	64.61	NA	NA
OMW-13	11/17/1993	38000	3800	210	<130	1000	2500	NA	NA	NA	NA	NA	NA	76.36	11.78	64.58	NA	NA
OMW-13	02/18/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/26/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	08/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/11/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	10.28	66.08	NA	NA
OMW-13	02/03/1995	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	10.01	66.35	NA	NA
OMW-13	03/05/1995	9100	3900	200	9.7	200	130	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/07/1995	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	08/02/1995	8000	2900	180	6.6	190	55	NA	NA	NA	NA	NA	NA	76.36	11.80	64.56	NA	NA
OMW-13	02/24/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/04/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	09/07/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/24/1996	15000	7700	50	<20	74	60	<100	NA	NA	NA	NA	NA	76.36	12.35	64.01	NA	NA
OMW-13	02/23/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/01/1997	2600	290	33	10	30	14	88	NA	NA	NA	NA	NA	76.36	13.83	62.53	NA	NA
OMW-13	07/22/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/04/1997	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	01/21/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/11/1998	10000	1400	60	17	120	23	<50	NA	NA	NA	NA	NA	76.36	13.21	63.15	NA	NA
OMW-13	08/11/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	10/20/1998	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	02/08/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	04/12/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	07/27/1999	6270	2230	32.0	26.0	53.0	<5.00	33.0	NA	NA	NA	NA	NA	76.36	11.87	64.49	NA	NA
OMW-13	10/25/1999	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	01/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	04/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	05/11/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	07/24/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
OMW-13	07/29/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/01/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/15/2000	2990	1200	34.8	37.3	<10.0	<10.0	<50.0	NA	NA	NA	NA	NA	76.36	12.35	64.01	NA	1.4
OMW-13	01/19/2001	4830	2390	34.8	<5.00	93.1	<5.00	<25.0	NA	NA	NA	NA	NA	76.36	12.17	64.19	NA	7.0
OMW-13	04/13/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	04/26/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	04/27/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	07/09/2001	1300	<600	0.74	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	76.36	13.20	63.16	NA	6.4
OMW-13	10/18/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/01/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.36	NA	NA	NA	NA
OMW-13	11/09/2001	910	<300	<0.50	<0.50	1.1	<0.50	NA	<5.0	NA	NA	NA	NA	76.36	13.53	62.83	NA	5.8
OMW-13	01/24/2002	6300	<1500	6.6	1.0	28	2.1	NA	<10	NA	NA	NA	NA	76.36	12.23	64.13	NA	2.9
OMW-13	05/10/2002	2800	<400	3.5	<0.50	15	1.2	NA	<5.0	NA	NA	NA	NA	76.36	12.59	63.77	NA	1.0
OMW-13	07/18/2002	3300	<1000	4.3	0.70	29	1.8	NA	<5.0	NA	NA	NA	NA	76.36	12.44	63.92	NA	2.1
OMW-13	10/31/2002	1900	<1000	0.96	<0.50	7.5	<0.50	NA	<5.0	NA	NA	NA	NA	NS	12.86	NA	NA	NA
OMW-13	01/30/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.86	NA	NA	NA
OMW-13	04/17/2003	5800	1800	11	1.3	34	2.9	NA	<10	NA	NA	NA	NA	NS	11.87	NA	NA	NA
OMW-13	07/17/2003	5100 e	930 e	3.1	<2.5	10	<5.0	NA	<2.5	NA	NA	NA	NA	NS	12.70	NA	NA	NA
OMW-13	10/16/2003	3100 e	740 e	<2.5	<2.5	<2.5	<5.0	NA	<2.5	NA	NA	NA	NA	NS	12.93	NA	NA	NA
OMW-13	01/14/2004	7800	2100 e	6.3	<2.5	11	9.8	NA	<2.5	NA	NA	NA	NA	NS	12.57	NA	NA	1.2
OMW-13	04/14/2004	4400	1100 e	3.3	<2.5	7.6	<5.0	NA	<2.5	NA	NA	NA	NA	NS	12.50	NA	NA	NA
OMW-13	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	12.35	NA	NA	NA
OMW-13	**04/14/2005**	**4900**	**2000 f**	**5.0**	**<2.5**	**6.7**	**<5.0**	**NA**	**<2.5**	**NA**	**NA**	**NA**	**NA**	**NS**	**12.01**	**NA**	**NA**	**NA**

WELL CONCENTRATIONS
Former Shell Service Station
500 40th Street/Telegraph Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 9, 2001 analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior July 9, 2001 analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable
NS = Not surveyed

Notes:
a = Chromatogram indicated an unidentified hydrocarbon.
b = The TEPH analysis was not performed because the sample containers were broken in the laboratory.
c = Well was inaccessible, able to gauge but not able to take DO reading.
d = Top of casing elevation altered during wellhead maintenance.
e = Hydrocarbon does not match pattern of laboratory's standard.
f = Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard.
* Field technician mistakenly sampled this well instead of OMW -11.
** Field technician mistakenly sampled this well instead of OMW-13.
DO readings are taken post-purge when wells are sampled and pre-purge in wells not sampled.
All wells except OMW-6, OMW-9, and OMW-13 surveyed March 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

ATTACHMENT B

Boring Logs

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS		LTR	DESCRIPTION
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW	Well-graded gravels or gravel sand mixtures, little or no fines.
		GP	Poorly-graded gravels or gravel sand mixture, little or no fines.
		GM	Silty gravels, gravel-sand-clay mixtures.
		GC	Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS	SW	Well-graded sands or gravelly sands, little or no fines.
		SP	Poorly-graded sands or gravelly sands, little or no fines.
		SM	Silty sands, sand-silt mixtures.
		SC	Clayey sands, sand-clay mixtures.

MAJOR DIVISIONS		LTR	DESCRIPTION
FINE GRAINED SOILS	SILTS AND CLAYS LL<50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		OL	Organic silts and organic silt-clays of low plasticity
	SILTS AND CLAYS LL>50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays.
		OH	Organic clays of medium to high plasticity.
HIGHLY ORGANIC SOILS		PT	Peat and other highly organic soils.

Standard penetration split spoon sample

Modified California sampler

Shelby tube sample

Water level observed in boring

* No recovery

NFWE No free water encountered

NOTE: The lines separating strata on the logs represent approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of soil strata between borings. Logs represent the soil section observed at the boring location on the date of drilling only.

J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

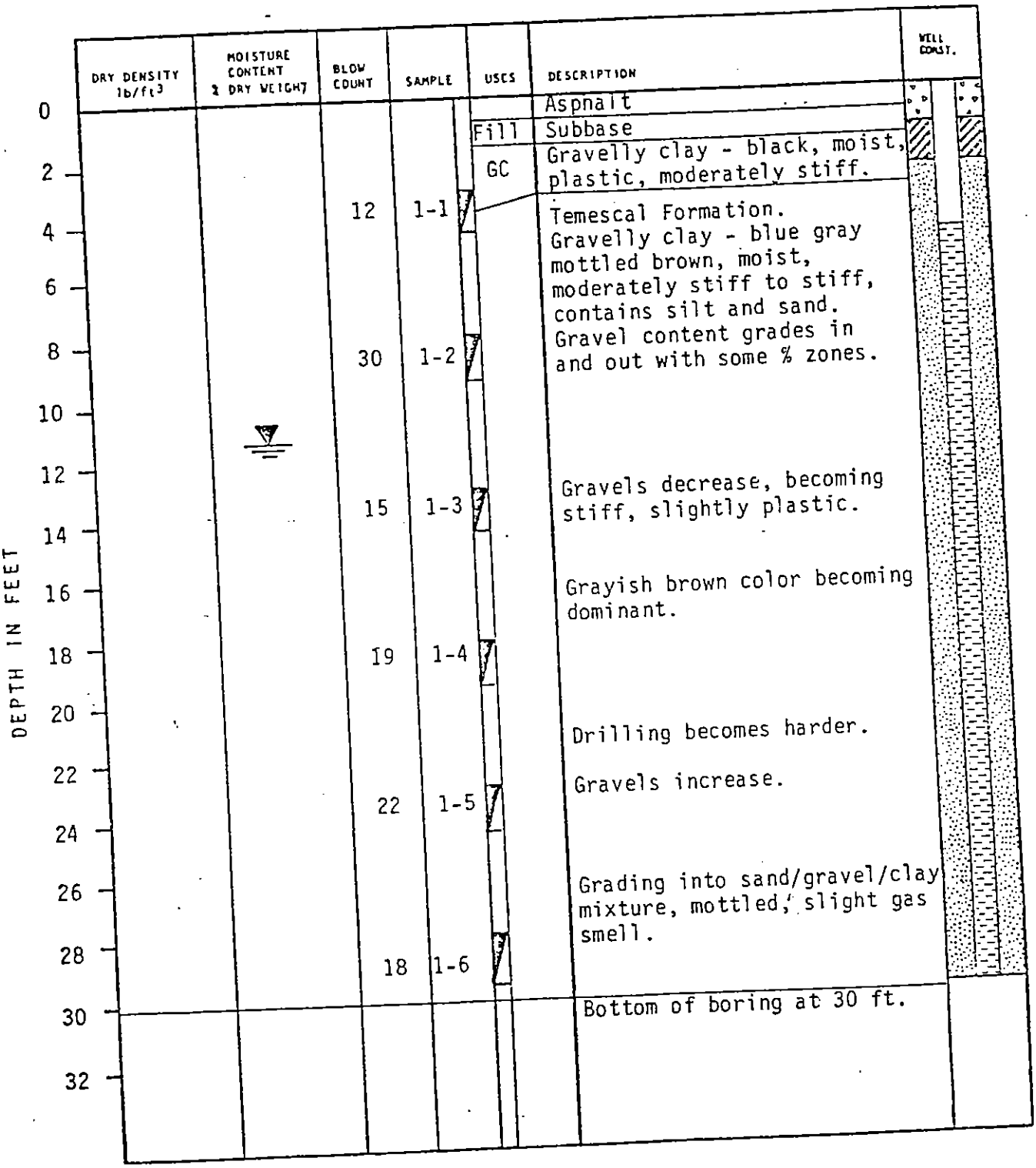
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

BORING LOG LEGEND

PROJECT NO. B-1232-1

PLATE 1



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

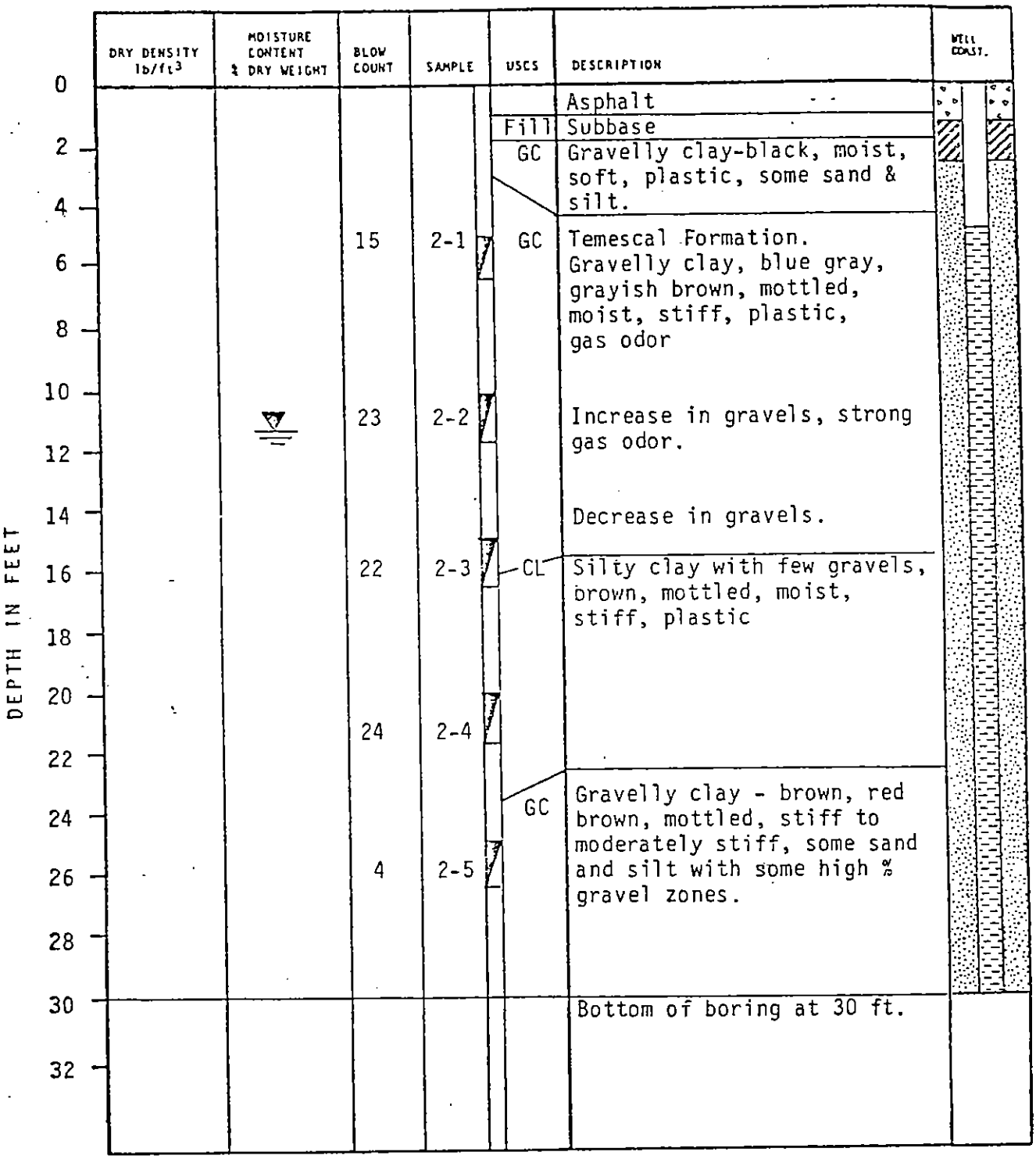
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 1

PROJECT NO. B-1232-1

PLATE 2



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

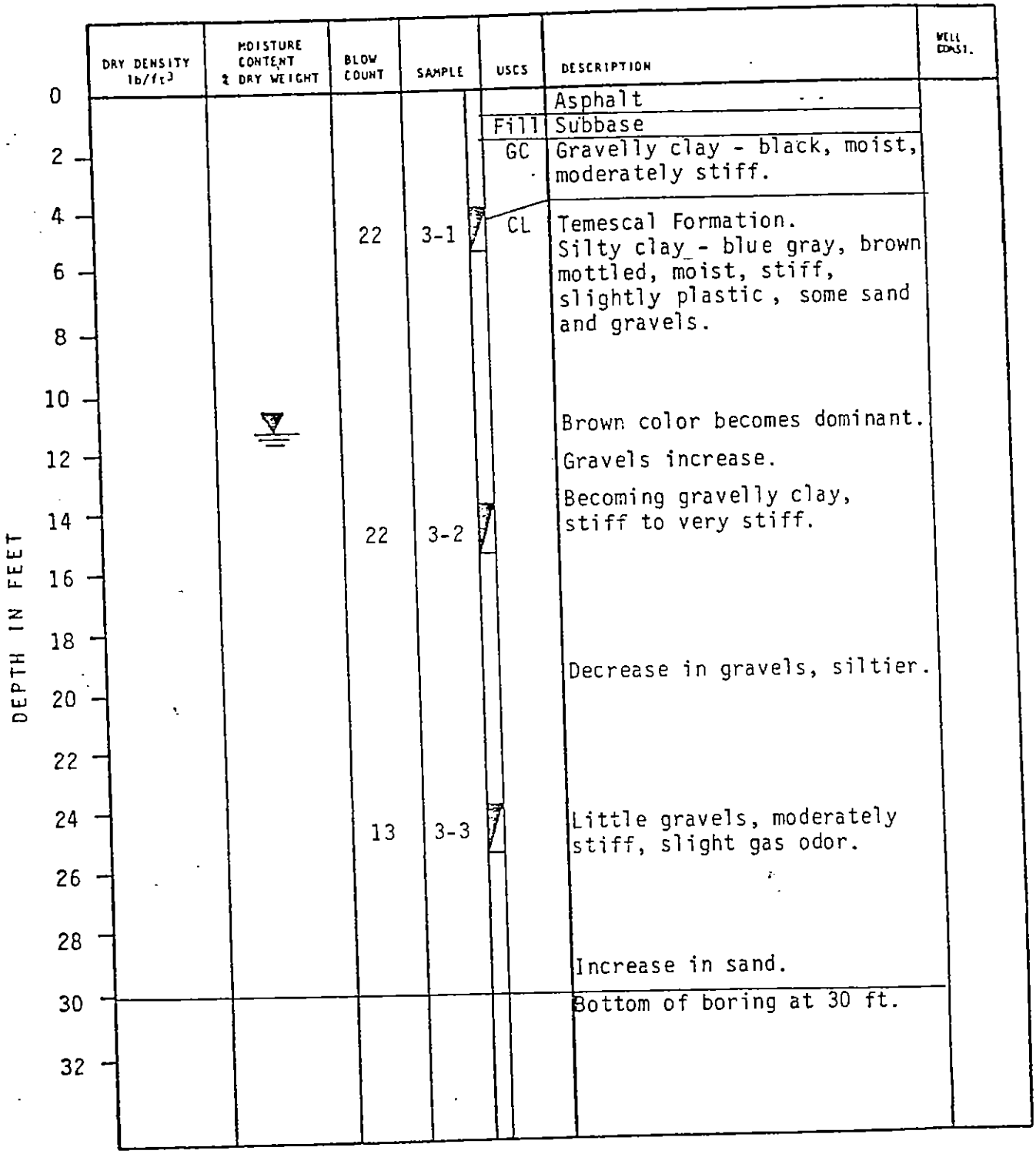
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 2

PROJECT NO. B-1232-1

PLATE 3



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

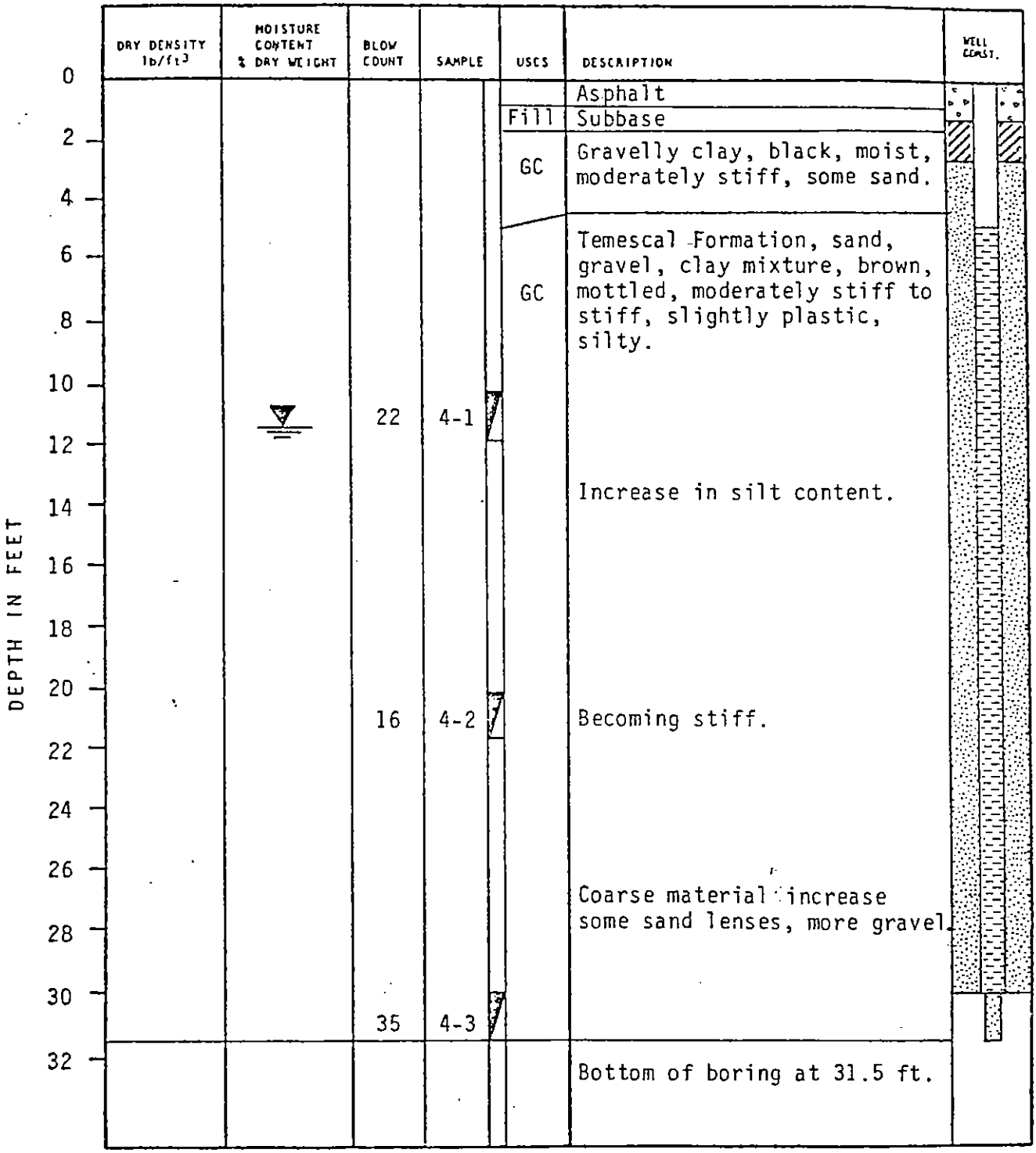
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 3

PROJECT NO. B-1232-1

PLATE 4



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

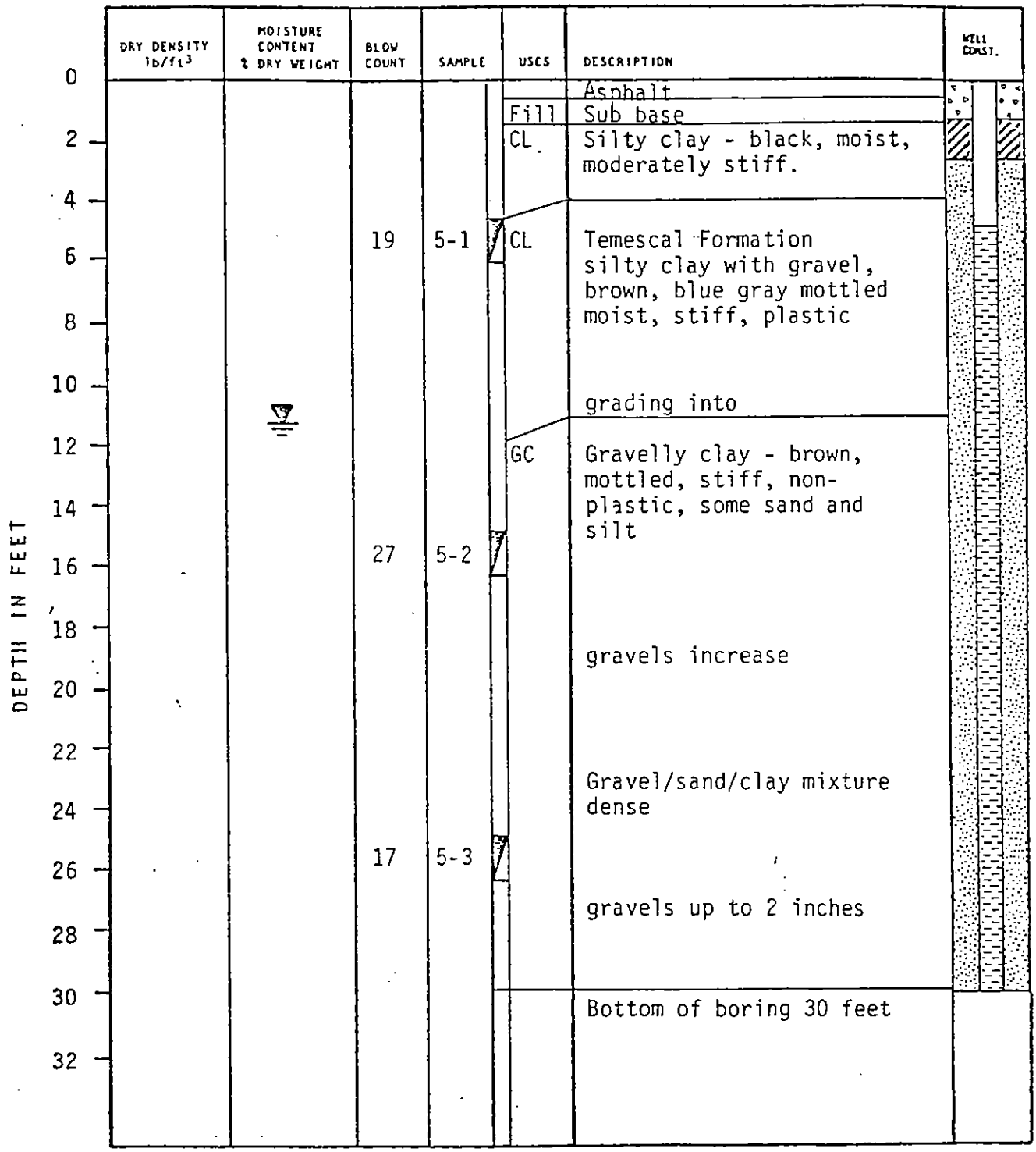
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 4

PROJECT NO. B-1232-1

PLATE 5



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

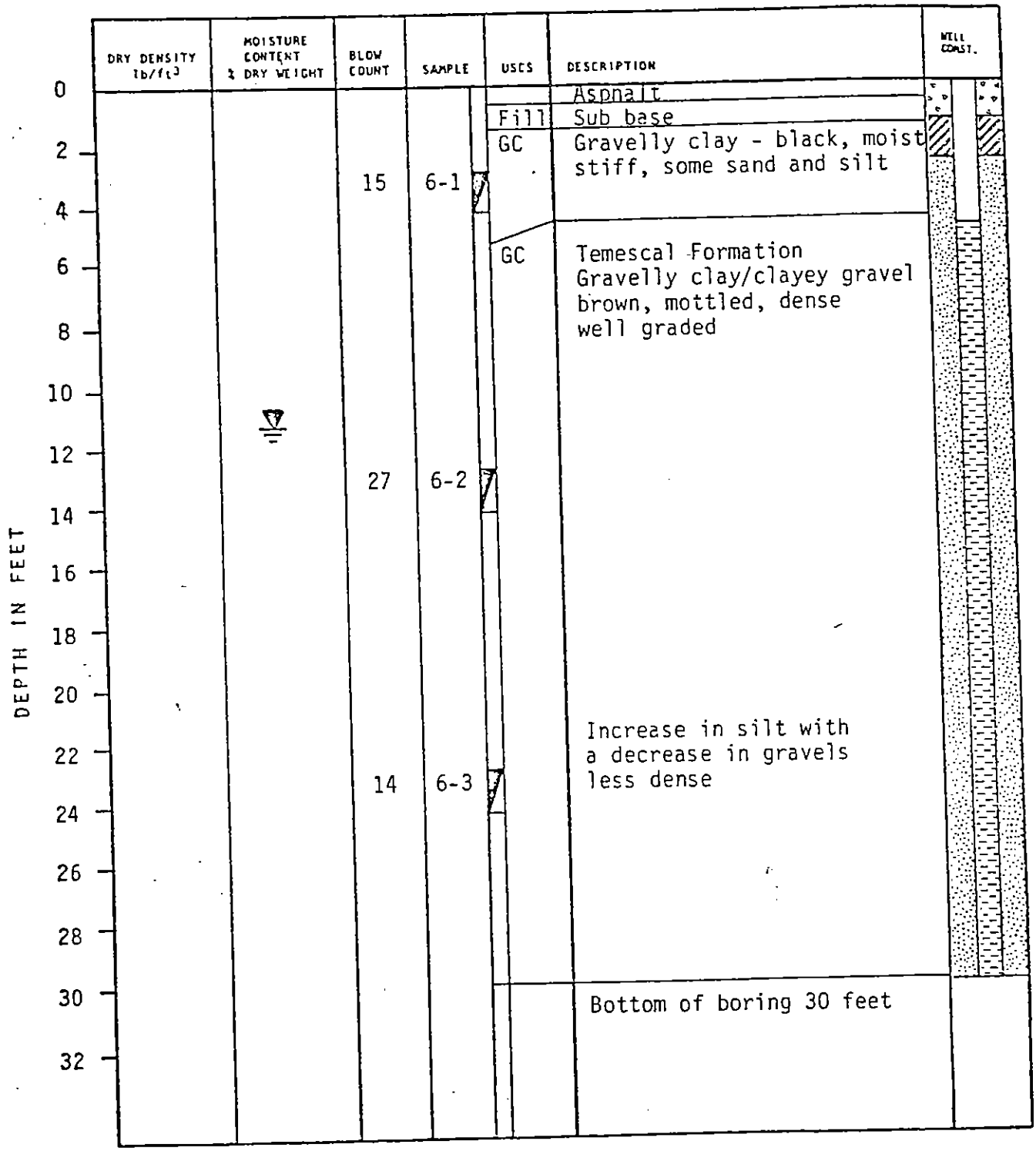
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 5

PROJECT NO. B-1232-1

PLATE 6



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

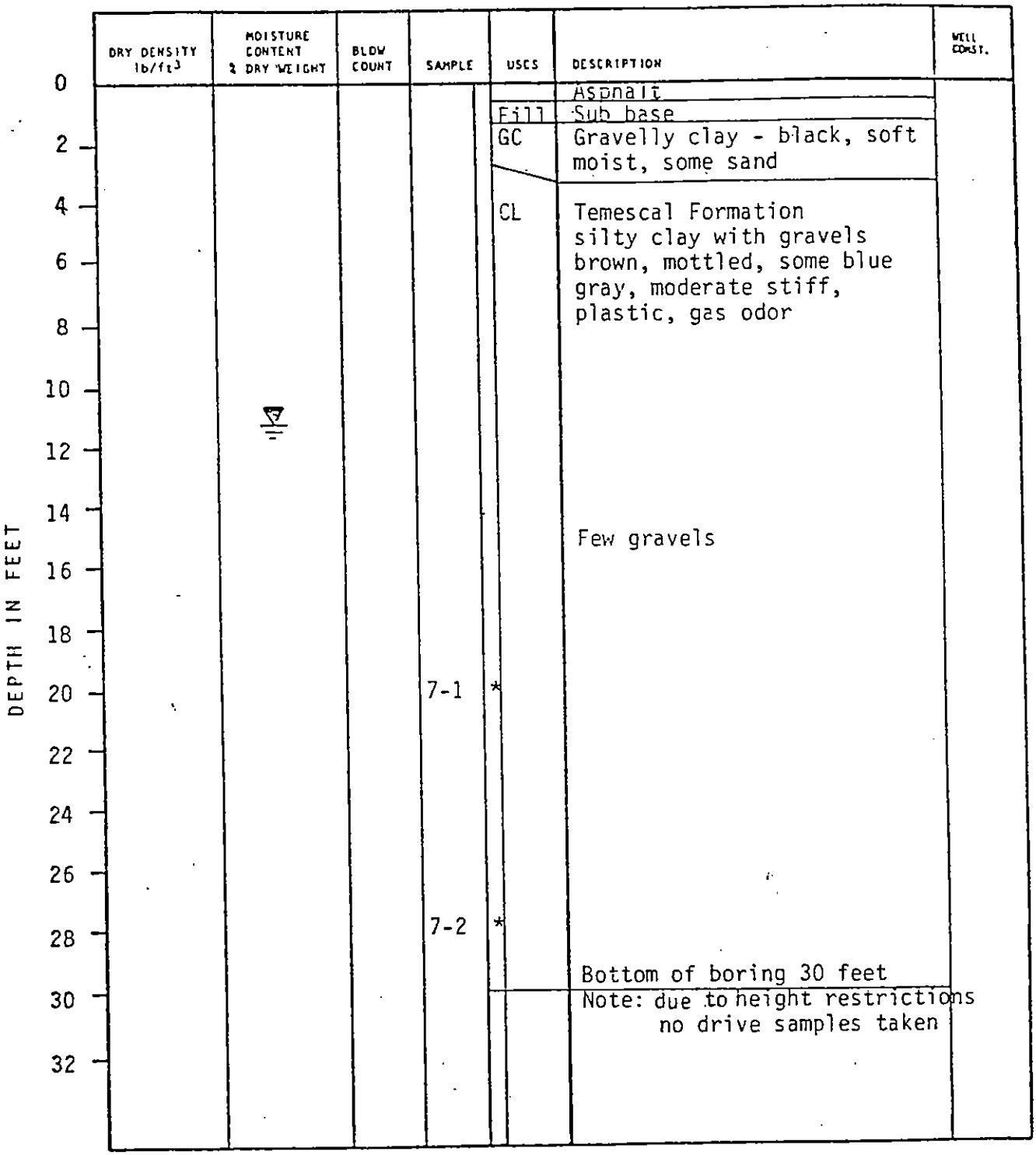
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 6

PROJECT NO. B-1232-1

PLATE 7



* - grab sample

J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

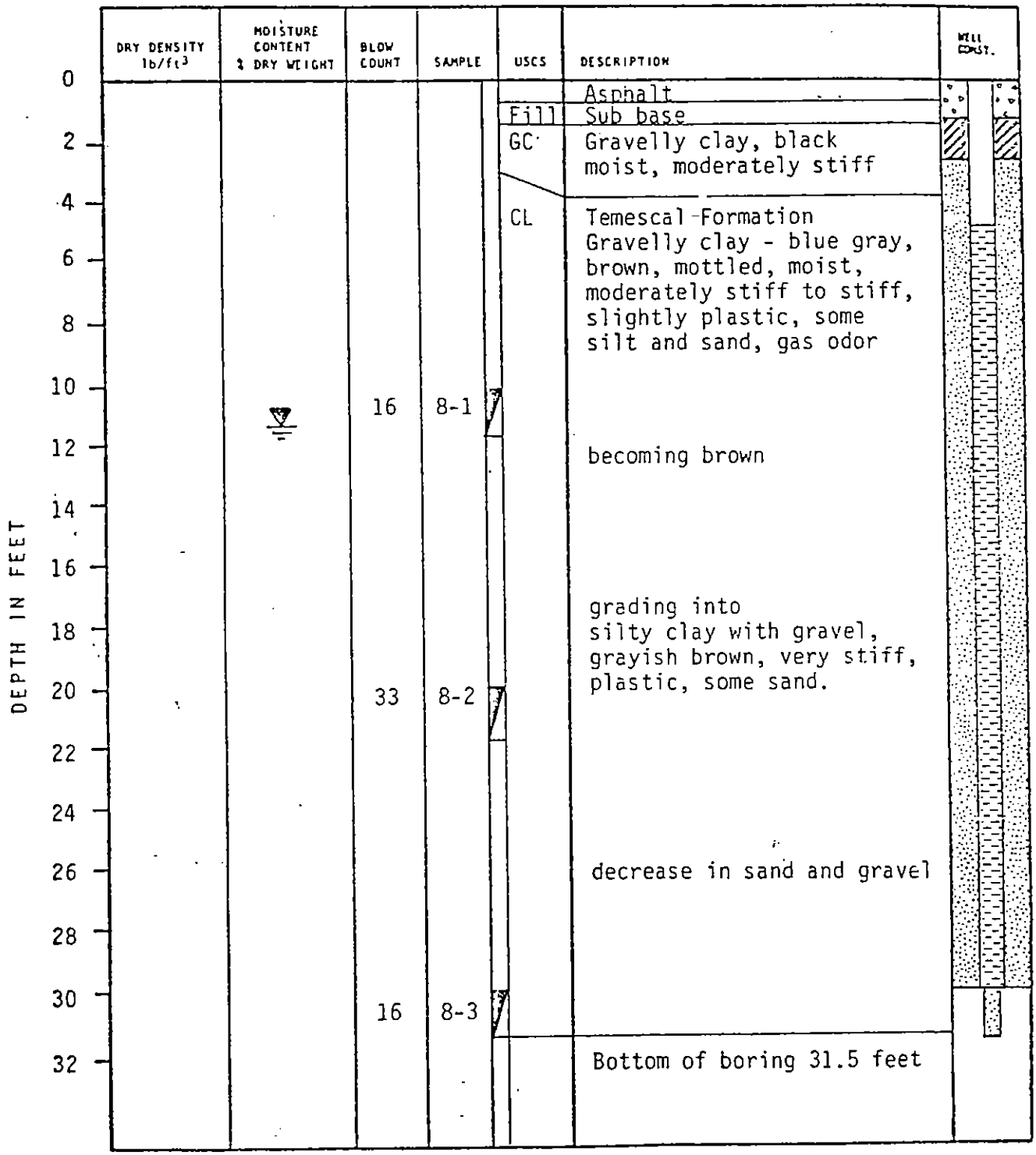
CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 7

PROJECT NO. B-1232-1

PLATE 8



J.H. KLEINFELDER & ASSOCIATES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PREPARED BY: BK DATE: 7/20/82

CHECKED BY: MLS DATE: 7/20/82

IT/SHELL OIL COMPANY
OAKLAND, CALIFORNIA

LOG OF BORING NO. 8

PROJECT NO. B-1232-1

PLATE 9

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS		LTR	DESCRIPTION
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW	Well-graded gravels or gravel sand mixtures, little or no fines.
		GP	Poorly-graded gravels or gravel sand mixture, little or no fines.
		GM	Silty gravels, gravel-sand-clay mixtures.
		GC	Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS	SW	Well-graded sands or gravelly sands, little or no fines.
		SP	Poorly-graded sands or gravelly sands, little or no fines.
		SM	Silty sands, sand-silt mixtures.
		SC	Clayey sands, sand-clay mixtures.

MAJOR DIVISIONS		LTR	DESCRIPTION
FINE GRAINED SOILS	SILTS AND CLAYS LL<50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		OL	Organic silts and organic silt-clays of low plasticity
	SILTS AND CLAYS LL>50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays.
		OH	Organic clays of medium to high plasticity.
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils.

U.S. STANDARD SERIES SIEVE — CLEAR SQUARE SIEVE OPENINGS

200	40	10	4	3/4"	3"	12"

SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		

GRAIN SIZES

▼ Water level observed in boring

* No recovery

NFWE No free water encountered

NOTE: The lines separating strata on the logs represent approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of soil strata between borings. Logs represent the soil section observed at the boring location on the date of drilling only.

ENVIROSCIENCE

DESIGNED BY :

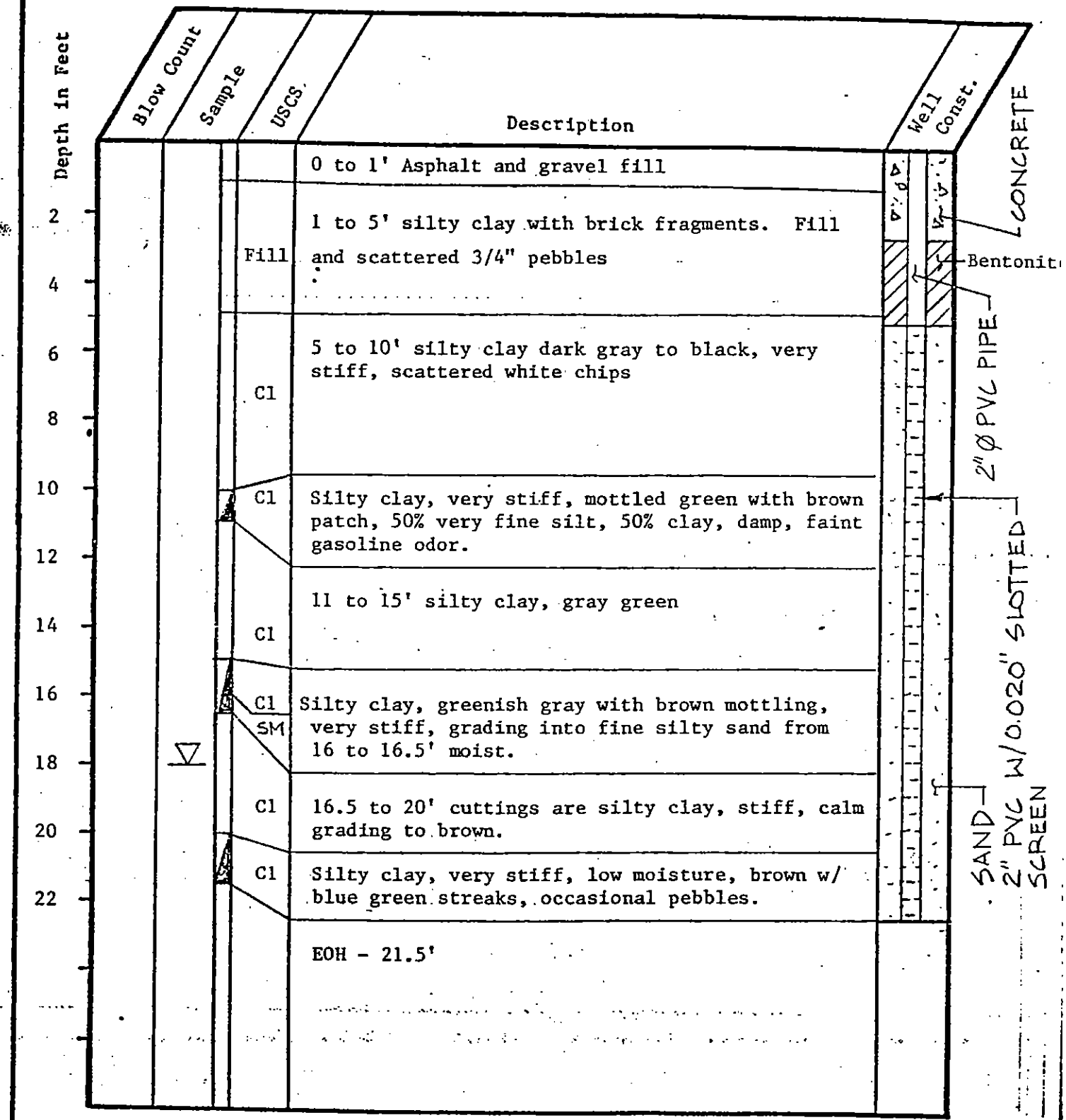
DRAWN BY :

PROJECT NO :

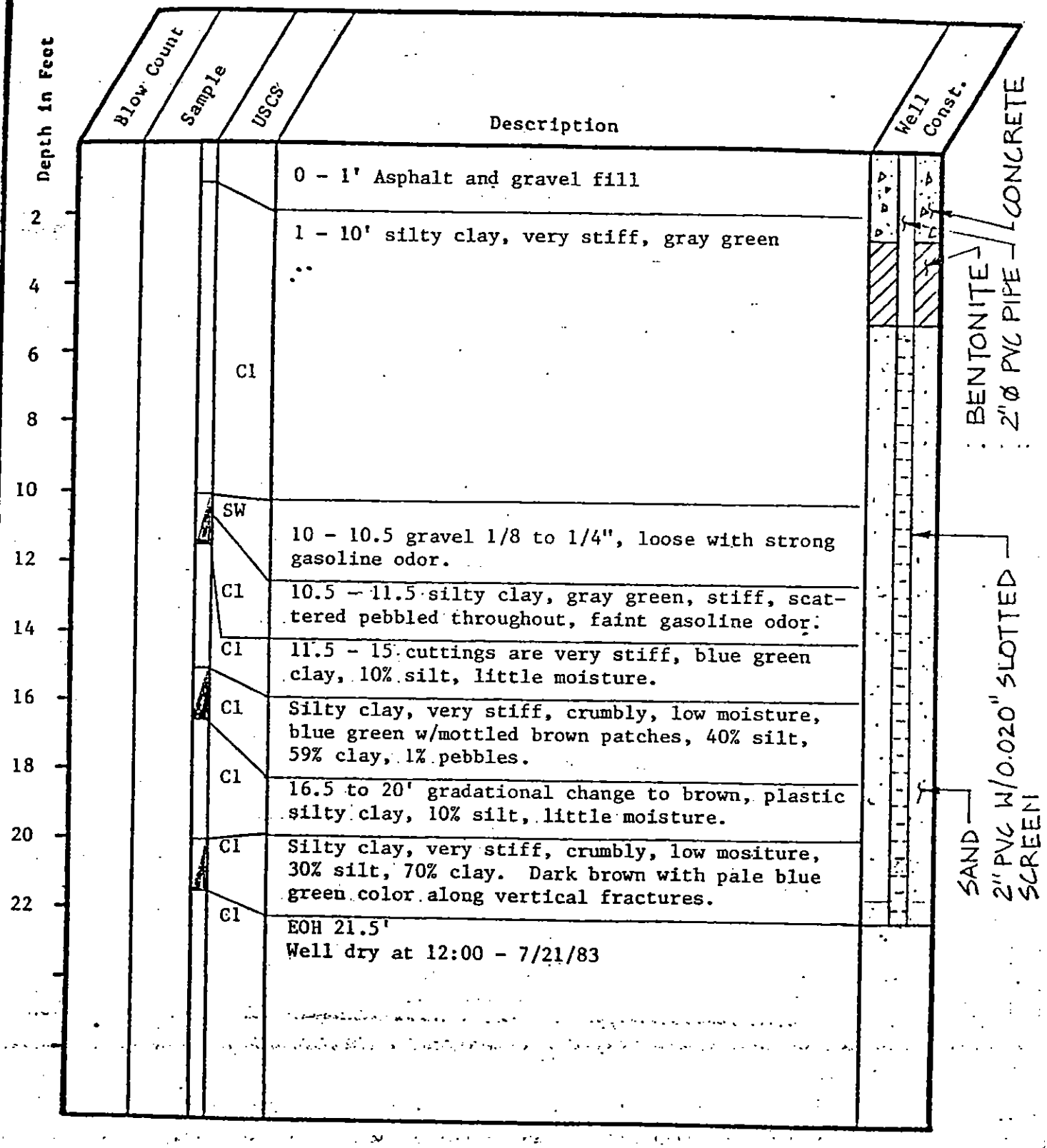
SCALE :

DATE :

PLATE 1



ET Enviroscience 1815 Arnold Drive • Martinez, CA 94553 Telephone (415) 228-8400	SHELL OIL COMPANY 500 40th Street Oakland, California	PLATE 2
PREPARED BY: RMG	LOG OF BORING NO. E-9	
CHECKED BY:	PROJECT NO.: 1-3582	



IT Enviroscience 1815 Arnold Drive • Martinez, CA 94553 Telephone (415) 228-8400	SHELL OIL COMPANY 500 40th Street Oakland, California	PLATE 3
PREPARED BY: RMG	LOG OF BORING NO. B-10	
CHECKED BY:	PROJECT NO. : 1-3532	

LOG OF BORING NO. MW-2

DATE DRILLED: 5/22/89	ELEVATION:	WL TAKEN: 05-22-89	EQUIPMENT: 8"x 3-3/4" & 12"x 8"

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	PLASTICITY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/FT.	T.P.H Mg/Kg	TESTS
				moist	loose	brown	SANDY GRAVEL (Fill)	SP-GP				
					soft	black	GRAVELLY CLAY Glass and brick fragments and asphalt fragments	CL				
	D			moist	stiff		SILTY CLAY	CL		11		
5										33		
				moist	stiff	tan mottled gray rust	Trace gravels					
						brown				48		
	D					black	SILTY CLAY Some fine sand	CL				
10										15		
					dense	gray	SANDY GRAVEL Trace silt	GM		73		
					stiff	mottled tan rust	SILTY CLAY	CL				
					medium dense		Fine SANDY GRAVEL (angular)	GP		36		
	D									13		
15		▽			medium dense	gray mottled rust	SILTY CLAY Lenses sand	CL		31		
				wet	loose	tan	GRAVELLY SAND	SP		23		
				very moist	loose	gray	SILTY CLAY	CL		10		
20												

Douglas W. Charles
No. 4110
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th treet
Oakland, California

Project No.
88-44-361-01

Converse Environmental Consultants California

Drawing No.
A-1

LOG OF BORING NO.MW-2

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	PLASTICITY	COLOR	DESCRIPTION	WELL CONSTRUCTION	BLOWS/FT.	T.P.H Mg/Kg	TESTS
				very moist	medium	tan mottled rust	SILTY CLAY and fine SAND CL		14		
									53		
						brown	SILTY CLAY Lenses sand				
									30		
25							Bottom of Hole at 25 ft.				
30											
35											
40											

REGISTERED PROFESSIONAL GEOLOGIST
Douglas W. Charlton
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th treet
Oakland, California

Project No.
88-44-361-01

Converse Environmental Consultants California

Drawing No.
A-2

LOG OF BORING NO. MW-3

DATE DRILLED: 5/23/89	ELEVATION:	WL TAKEN: 5/23/89	EQUIPMENT: 8"x 3-3/4" & 12"x 8"

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	PLASTICITY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/FT.	T.P.H Mg/Kg	TESTS
				moist	loose	brown	SANDY GRAVEL (Fill)	GP				
				moist	stiff	black mottled tan	SILTY CLAY	CL				
5	D									13		
						tan mottled rust						
					medium dense		GRAVEL LENS	GP		38		
					stiff		SILTY CLAY Trace gravel	CL				
	D					gray mottled tan				32		
10	2									12		
										49		
					medium dense	tan	Fine SAND with angular GRAVEL some silt	GM				
					stiff	tan mottled gray	SILTY CLAY Trace gravel	CL		40		
	D			very moist			Some fine sand			13		
15				wet		tan mottled rust	LENS SANDY CLAY	GC				
				very moist			SILTY CLAY	CL		28		
										27		
					very stiff					17		
20				moist	very stiff	tan	SILTY CLAY Bottom of Hole at 21 ft.	CL		45		

REGISTERED GEOLOGIST
Douglas W. Charlton
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-01

Converse Environmental Consultants California

Drawing No.
A-3

LOG OF BORING NO. MW-4

DATE DRILLED: 5/23/89	ELEVATION:	WL TAKEN: 5/23/89	EQUIPMENT: 8"x 3-3/4" & 12"x 8"

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	PLASTICITY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/FT.	T.P.H Mg/Kg	TESTS
				moist	loose medium	brown	GRAVELLY SAND (Fill)	GP-SP				
						black	SILTY CLAY and GRAVELS Decreasing gravel	CL				
5	D					tan mottled rust	SILTY CLAY Trace gravel			10 38		
	D				stiff	brown mottled rust				45		
	2									19		
10					medium dense		SANDY GRAVEL Trace silt.	GM		39		
						tan	LENS CLAY	CL				
						gray	LENS GRAVEL	GM				
				wet	medium	tan	SILTY CLAY and fine SAND	CL		19		
	D				medium dense		SANDY GRAVEL and SILT	GM		24		
15				very moist	stiff		SILTY CLAY some GRAVEL	CL				
					medium					36		
				very moist		tan mottled rust				17		
							Increasing SAND					
20							Bottom of Hole: 20 ft.					

REGISTERED PROFESSIONAL ENGINEER Douglas V. Carlton No. 4110 STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-01

Converse Environmental Consultants California

Drawing No.
A-4

LOG OF BORING NO. MW-5

DATE DRILLED: 9-19-89	ELEVATION:	WL TAKEN: 9-19-89	EQUIPMENT: 8"x 12" Hollow Stem Auger

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/FT.	O.V.M. (ppm)	T.P.H. (ppm)
				slightly moist	medium dense	dark brown	Gravelly SAND and SILT some rubble (Fill)					
					medium		Sandy SILT increasing Clay	ML				
	1					brown	Silty CLAY trace Sand, trace Gravel	CL		9	0	
5												
	2					brown mottled gray	Silty CLAY and fine SAND black tubelets	CL		11	0	
10												
	3			moist	medium	light brown mottled rust and gray	Sandy CLAY som Silt	CL		14	0	
15	4	▼		moist	medium		Fine Sandy CLAY and SILT	CL		15	0	
				very moist								
				wet								
							Total Depth of Boring: 20 ft. Below Ground Surface					
20												

SHELL OIL COMPANY
500 40th Street
Oakland, California

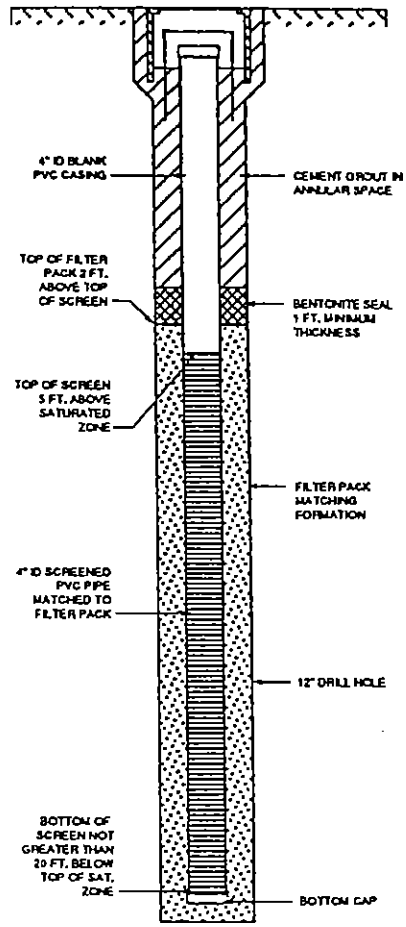
Project No.
88-44-361-01

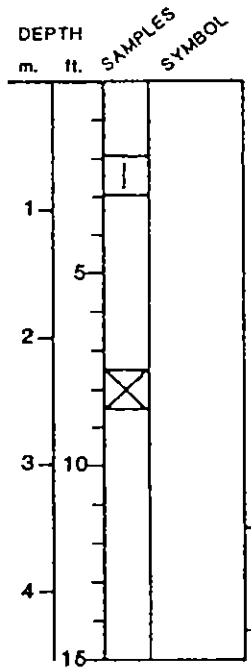
Converse Environmental Consultants California

Drawing No.
A-2

MAJOR DIVISIONS			SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS More than half is larger than No. 200 sieve	GRAVELS More than half coarse fraction is larger than No. 4 sieve	Clean gravels with little or no fines	GW	Well graded gravels, gravel – sand mixtures
			GP	Poorly graded gravels, gravel – sand mixtures
		Gravels with over 12% fines	GM	Silty gravels, poorly graded gravel – sand – silt mixtures
			GC	Clayey gravels, poorly graded gravel – sand – clay mixtures
	SANDS More than half coarse fraction is smaller than No. 4 sieve	Clean sands with little or no fines	SW	Well graded sands, gravelly sands
			SP	Poorly graded sands, gravelly sands
		Sands with over 12% fines	SM	Silty sands, poorly graded sand – silt mixtures
			SC	Clayey sands, poorly graded sand – clay mixtures
FINE GRAINED SOILS > half is smaller than No. 200 sieve	SILTS AND CLAYS Liquid limit less than 50		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic clays and organic silty clays of low plasticity
	SILTS AND CLAYS Liquid limit greater than 50		MH	Inorganic silts, micaceous or diatomaceous fine, sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils

WELL CONSTRUCTION





SAMPLE TYPE

DRIVE SAMPLE, 2.5" ID Sampler, driven with 140 lb. weight, 30" drop

NO RECOVERY

Water level at time of drilling

Stabilized water level on date noted

Note:

Soil conditions indicated by boring logs apply only at the location of the particular boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at the boring location with the passage of time. Data presented in the logs represent a simplification of the actual conditions encountered.

UNIFIED SOIL CLASSIFICATION AND BORING LOG SYMBOLS

Scale

Project No.

Prepared by

Date

Checked by

Drawing No.

Approved by

A 1

Converse Environmental Consultants California

LOG OF BORING NO. CSB-1

DATE DRILLED: 10-17-89	ELEVATION:	WL TAKEN: n/a	EQUIPMENT: 3 3/4"x 8" Hollow-Stem Auge

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION	BLOWS/FT.	O.V.H. (ppm)	DRY DENSITY lb/ft3	TESTS
				moist	loose	dark brown / dark gray	Gravelly SAND and SILT, some Rubble, some Asphalt. (Fill) SW				
				moist	medium	dark brown	Silty CLAY, trace Gravel, trace Sand. CL				
5	1			very moist	medium		Decreasing Gravel and Sand, bits of brick in cuttings.	8	0		
							CL				
10	2			moist	medium	light gray	Silty CLAY, some Sand and Gravel. No odor.	18	0		
						light brown	CL				
15	3			moist	medium	light brown mottled gray	Silty CLAY, some fine Sand, trace Gravel.	16	0		
20	4			moist	stiff	light brown	Fine Sandy CLAY. No odor. CL	17	0		

REGISTERED PROFESSIONAL GEOLOGIST
Douglas W. Charlton
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Converse Environmental West

Drawing No.
A-2

LOG OF BORING NO. CSB-1

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION	BLOWS/FT.	O.V.M. (ppm)	DRY DENSITY lb/ft³	TESTS
				moist	stiff	light brown	Fine Sandy CLAY. CL No odor.				
	5				medium	light brown	Silty CLAY, water bearing lenses. No odor. CL	13	0		
25							Total Depth of Boring: 25 ft. Below Ground Surface.				
30											
35											
40											

REGISTERED PROFESSIONAL GEOLOGIST
Douglas W. Charlton
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Converse Environmental West

Drawing No.
A-3

LOG OF BORING NO. OMW-6

DATE DRILLED: 10-16-89	ELEVATION:	WL TAKEN: n/a	EQUIPMENT: 3 3/4"x 8" Hollow-Stem Auge

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/FT.	O.V.M. (ppm)	T.P.H. (ppm)
				moist	loose	light brown	Gravelly SAND (Fill).	SW				
				moist	medium	dark black	Silty CLAY, trace Gravel. Slight petroleum odor.	CL			2.6	
5	1			moist	medium	olive mottled black	Silty CLAY, decreasing Gravel. Slight petroleum odor.	CL		14	0	
								CL				
10	2			moist	medium	olive brown mottled gray	Sandy CLAY, some Silt. Trace shell fragments. Strong petroleum odor.			10	82	
15	3			moist	medium		Black tubelets.	CL		10	0	
		▽				tan brown						
20	4			wet	stiff		Silty CLAY, trace Sand.	CL		20	0	

REGISTERED PROFESSIONAL GEOLOGIST
Douglas W. Charlton
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Converse Environmental West

Drawing No.
A-4

LOG OF BORING NO. OMW-6

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION	WELL CONSTRUCTION	BLOWS/FT.	O.V.H. (ppm)	T.P.H. (ppm)
				wet	stiff	tan brown	Silty CLAY, trace Sand. CL			0	
							Silty CLAY.				
				moist	stiff	lt brown	Sandy CLAY lens. No odor. CL		8	0	
25							Total Depth of Boring: 25 ft Below Ground Surface.				
30											
35											
40											

REGISTERED PROFESSIONAL GEOLOGIST
Douglas W. Charlton
No. 4112
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Converse Environmental West

Drawing No.
A-5

LOG OF BORING NO. OMW-9

DATE DRILLED: 10-17-89	ELEVATION:	WL TAKEN: n/a	EQUIPMENT: 3 3/4"x 8" Hollow-Stem Auge

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION	WELL CONSTRUCTION	BLOWS/FT.	O.V.M. (ppm)	T.P.H. (ppm)
				moist	loose	light brown	Silty SAND and GRAVEL. SM/GM (Fill)				
				moist	medium	black	Silty CLAY, trace fine Sand. CL				
5	1			moist	medium	dark olive	Fine Sandy CLAY, trace Gravel. Petroleum odor. CL		15	0	
10	2			slightly moist	stiff	light olive	Fine Sandy CLAY, some angular Gravel. Strong Petroleum odor. CL		11	126	
15	3			slightly moist	stiff	tan brown	Fine Sandy CLAY, trace Gravel, mottled gray. CL		13	0	
	4			wet	loose	lt. brwn	F. SAND and GRAVEL lens. SP/GP		25	0	
20				moist	medium	black	Silty CLAY, some decaying shells. No odor. CL				

REGISTERED PROFESSIONAL ENGINEER Douglas W. Clarke No. 4[illegible]

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Drawing No.
A-6

Converse Environmental West

LOG OF BORING NO. OMW-9

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/FT.	O.V.H. (ppm)	T.P.H.
				moist	medium	black	Silty CLAY, some decaying shells. No odor.	CL				
25	5			very moist	medium	light tan brown	Very fine Sandy CLAY, gray mottles.	CL		18	0	
				wet	medium	light tan brown	Clayey fine SAND, thin lenses of Sandy Clay.	SC		16 12 14		
								SC		7		
30				very moist		light brown	Silty fine SAND, rust mottles.			10		
							Total Depth of Boring: 30 ft Below Ground Surface.					
35												
40												

REGISTERED PROFESSIONAL GEOLOGIST
Darrick W. Charlton
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-C

Converse Environmental West

Drawing No.
A-7

LOG OF BORING NO. OMW-10

DATE DRILLED: 11-13-89	ELEVATION:	WL TAKEN: n/a	EQUIPMENT: 3 3/4"x 8" Hollow-Stem Auge

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION	WELL CONSTRUCTION	BLOWS/FT.	O.V.M. (ppm)	T.P.H. (mg)
						light brown	Silty SAND and GRAVEL SM/GM baserock.				
				moist	medium	black	Silty CLAY, CL trace fine Sand, stained olive.			0	
							Increasing staining.				
5	1			slightly moist	medium	dark gray	Fine Sandy CLAY, CL trace Gravel, stained olive. No odor.		18	0	
							Increasing SAND and GRAVEL.				
10	2			slightly moist	medium	dark gray	Fine to medium Sandy CLAY, CL little Gravel. Mottled olive and rust stains.		14	0	
						light brown				0	
15	3			moist	stiff		Silty CLAY, trace fine Sand.		16		
				wet		lt. brwn.	F to m Sndy GRVL, tr Cly. GW		23		
20				v. moist	medium		F. Sandy CLAY, tr Gravel. CL			0	

REGISTERED PROFESSIONAL GEOLOGIST

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Drawing No.
A-8

Converse Environmental West

LOG OF BORING NO. OMW-10

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION	WELL CONSTRUCTION	BLOWS/FT.	O.V.M. (ppm)	T.P.H. (ppm)
				v. moist		lt. brwn.	F. Sandy CLAY, tr. Gravel. CL		22		
				moist			Clayey f. SAND, lt. Grvl. SC				
				moist	medium		F. Sandy CLAY, lt. Gravel. CL		25	0	
				v. moist	m. dense	lt. brwn.	Fine Sandy GRAVEL. GP				
							Fine Sandy CLAY. CL		7		
	P			moist	medium	gray brown	Fine Sandy CLAY, rust stains.		10	0	
							Total Depth of Boring: 24 ft Below Ground Surface.				

25
30
35
40

REGISTERED PROFESSIONAL GEOLOGIST
Douglas W. Clarkson
No. 4110
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-0

Converse Environmental West

Drawing No.
A-9

LOG OF BORING NO. EW-1

DATE DRILLED: 6/28/90	EL: n/a	WL TAKEN: n/a	EQUIPMENT: 3.75"x 8" / 7.25"x 12" H.S.A

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/6IN.	O.V.M. (ppm)	T.P.H. (ppm)
				moist	loose	light brown	0.2' CONCRETE. Pea GRAVEL. (Fill)					
				moist	medium	black	Silty CLAY, trace Gravel.	CL				
5						dark gray	Gravelly CLAY.	CL		5		
	1			moist	medium dense	tan	Fine SAND.	SP		6		
	S				loose	tan	Fine SAND.	SP		2 2 3		
				slightly moist	stiff	dark gray	Silty CLAY.	CL		8		
	S									5		
				slightly moist	stiff	dark gray	Silty CLAY.	CL		9		
	2						Silty CLAY, some fine Sand.	CL		8		
10				moist	dense		Clayey GRAVEL.	GC		17		
	S				medium dense	dark gray	Clayey GRAVEL.	GC		15 12		
				slightly moist	very stiff	tan	Silty CLAY.	CL		14 16 7		
	S									18 15		
				slightly moist	very stiff	grayish brown	Silty CLAY.	CL		14 15		
	3			slightly moist	very stiff	tan	Silty CLAY, trace Gravel.	CL		11		
15										10 14		
	S			slightly moist	hard	tan	Silty CLAY, trace Gravel.	CL		18 20		
										10 15		
	S			slightly moist	very stiff	light brown	Silty Clay, tr fine Sand.	CL		19 21		
	4			slightly moist	hard	brown	Silty CLAY.	CL		7 18		
20												

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-2

Drawing No.
A-5

Converse Environmental West

LOG OF BORING NO. EW-1

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/6IN.	O.V.M. (ppm)	T.P.H. (ppm)
							Silty CLAY.	CL		7		
	S			slightly moist						19		
					hard	reddish brown	Silty CLAY, trace Gravel.	CL		20		
				moist			Last 2' Clayey Sandy Gravel.			22		
							Sandy GRAVEL, some Silt, trace Clay.	GM		12		
	S									17		
							0.2' Sandy CLAY.			20		
				very moist	dense	reddish brown	Sandy GRAVEL, some Silt.	GM		22		
	5						Gravelly CLAY.	GC		5		
25				wet	medium dense	brown	Sandy GRAVEL, some Clay, some Silt.	GM		11		
	S									12		
							Gravelly SAND, some Silt.	GC		15		
							Increasing Gravel.			17		
				wet	dense	brown	Sandy GRAVEL, some Silt.	GM		18		
	S									12		
										18		
					medium dense		Silty SAND, some Gravel, trace Clay.	SC/GC		20		
				wet		brown				22		
	S			wet			Fine to coarse Sandy Fine to coarse GRAVEL.	GM		15		
30					dense	brown				23		
										15		
	S						Increasing Gravel.			16		
					dense					19		
				wet		brown	Sandy GRAVEL.	GP		24		
										17		
	S					brown	Sandy GRAVEL.	GP		18		
					v stiff	brown	Silty CLAY, tr fine Sand.	CL		20		
										23		
				wet								
	S						Sandy GRAVEL.	GP		17		
				wet			Fine to medium GRAVEL, some Sand, some Clay.	GP		22		
35										22		
	S									20		
				wet		brown				14		
						rusty red	GRAVEL, little SAND.	GP		17		
										16		
	S					rd brn	Silty fine SAND.	SM		22		
				moist			Fine SAND and GRAVEL, some Silt.	GP		50/5"		
					very dense							
	S									16		
40				moist	very dense	brown	Silty Sandy GRAVEL.	GM		24		

CERTIFIED ENGINEERING GEOLOGIST CHARLES R. COMSTOCK No. 1010 STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-2C

Converse Environmental West

Drawing No.
A-6

LOG OF BORING NO. EW-1

continued - page 3

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/6IN.	O.V.M. (ppm)	T.P.H. (ppm)
				moist			Sandy CLAY, some GRAVEL.	CL		12		
	S									13		
						brown				27		
					hard		Sandy CLAY, some GRAVEL.	CL		29		
										6		
	S						Gravelly SAND, some Clay.	SC		23		
										33		
				moist						60		
					very dense	brown						
45												
	S									6		
				slightly moist	very stiff	tan	Silty CLAY, black organics.	CL		14		
50										12		
	S									16		
										19		
				slightly moist	very stiff	tan	Silty CLAY.	CL		22		
										10		
	S									15		
						reddish brown	Silty CLAY.	CL		20		
				slightly moist	hard		Sandy CLAY.	CL		26		
55							Total Depth of Boring: 44 ft Below Ground Surface.					
							Casing: blank 4" ID schedule 40 PVC pipe.					
							Screen: slotted 4" ID schedule 40 PVC pipe. (0.020" slot)					
							Filter Pack: 12/20 Sand.					
60												

CERTIFIED ENGINEERING GEOLOGIST
CHARLES R. COMSTOCK
No. 1010
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-7

LOG OF BORING NO. MW-8

DATE DRILLED: 6/27/90	EL: n/a	WL TAKEN: n/a	EQUIPMENT: 3.75"x 8" / 7.25"x 12" H.S.

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/6IN.	O.V.H. (ppm)	T.P.H. (ppm)
				moist	loose	light brown	Gravelly SAND. (Fill)	SW				
				moist	medium	black	Silty CLAY, trace Gravel.	CL				
5	1			slightly moist	very stiff	brownish gray	Silty CLAY.	CL		7 10		
	2			slightly moist	very stiff	light gray	Silty CLAY.	CL		6 11		
10												
	3			moist	very stiff	grayish brown	Silty CLAY, trace coarse Gravel.	CL		5 12		
15												
	4			very moist	very stiff	reddish brown	Silty CLAY.	CL		12 11		
20												

CERTIFIED ENGINEERING GEOLOGIST
CHARLES R. COMSTOCK
No. 1010
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-2

LOG OF BORING NO. MW-8

continued - page 2

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/6IN.	O.V.M. (ppm)	T.P.H. (ppm)
	S			wet						10		
				wet	very stiff	light brown	Silty CLAY, trace fine Sand.	CL		10		
										20		
	S			wet	m dense		SAND and CLAY, some Gravel.	SC		21		
							Sandy GRAVEL, some CLAY.	GC		10		
				wet	stiff	light brown	Sandy CLAY, trace Gravel.	CL		11		
	S									13		
25				wet	medium dense	tan	Sandy fine to coarse GRAVEL, some Clay, some Silt.	GC		14		
	S									10		
										15		
				wet	medium dense	tan	Fine to coarse Sandy fine to coarse GRAVEL, trace Clay, trace Silt.	GP		12		
	S				loose					15		
										18		
					medium dense		Sandy GRAVEL.	GP		18		
	S			wet						4		
30					very dense		Silty SAND and GRAVEL, trace Clay.	GM		8		
	S									10		
					dense	tan				12		
				wet			Sandy GRAVEL, some Silt, trace Clay.	GM		30		
	S				loose d=33.75					27		
					medium dense					8		
				wet			Sandy GRAVEL, some Silt.	GM		17		
	S									25		
35				wet	dense	tan	Sandy fine to very coarse Gravel, some SILT.	GM		27		
										5		
	S			wet	dense		Sandy GRAVEL, some Silt.	GM		4		
										3		
				moist		tan	Fine SAND and Silt, some Clay.	SM		18		
	S									10		
										16		
				moist	stiff	tan	Silty CLAY, tr fine Sand.	CL		15		
	S					tan	Gravelly SAND, little Clay.	GC		25		
40				moist	hard	brn gry	Silty CLAY, trace Gravel, trace fine Sand.	CL		13		
										14		
										8		
										8		
										7		
										14		
										35		
										32		

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-3

LOG OF BORING NO. MW-8

continued - page 3

DEPTH (ft)	SAMPLE	WATER LEVEL	SYMBOL	MOISTURE	CONSISTENCY	COLOR	DESCRIPTION		WELL CONSTRUCTION	BLOWS/6IN.	O.V.M. (ppm)	T.P.H. (ppm)
							Silty CLAY.	CL		12		
	S			slightly moist						14		
										18		
				slightly moist	hard	tan	Silty CLAY, trace fine Gravel.	CL		21		
										8		
	S									10		
										15		
				slightly moist	very stiff	tan	Silty CLAY, some Sand.	CL		17		
45							Total Depth of Boring: 44 ft Below Ground Surface.					
							Casing: blank 4" ID blank schedule 40 PVC Pipe.					
							Screen: slotted 4" ID schedule 40 PVC Pipe. (0.020"slot)					
							Filter Pack: 2/12 Sand.					
50												
55												
60												

CERTIFIED ENGINEERING GEOLOGIST
CHARLES R. COMSTOCK
No. 1010
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

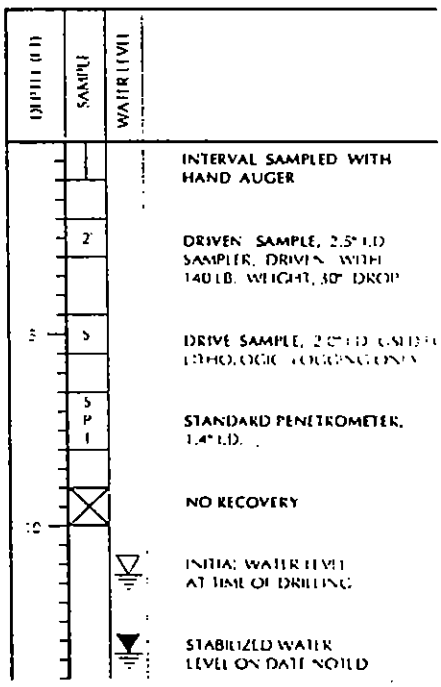
Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-4

MAJOR DIVISIONS			SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS MORE THAN HALF IS LARGER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES
			GP	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES
		GRAVELS WITH OVER 12 % FINES	GM	SILTY GRAVELS, POORLY GRADED GRAVEL-SAND-SILT MIXTURES
			GC	CLAYEY GRAVELS, POORLY GRADED GRAVEL-SAND-CLAY MIXTURES
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS WITH LITTLE OR NO FINES	SW	WELL GRADED SANDS, GRAVELLY SANDS
			SP	POORLY GRADED SANDS, GRAVELLY SANDS
		SANDS WITH OVER 12 % FINES	SM	SILTY SANDS, POORLY GRADED SAND-SILT MIXTURES
			SC	CLAYEY SANDS, POORLY GRADED SAND-CLAY MIXTURES
FINE GRAINED SOILS MORE THAN HALF IS SMALLER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS, OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAY
			OL	ORGANIC CLAYS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE, SANDY OR SILTY SOILS, ELASTIC SILTS
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

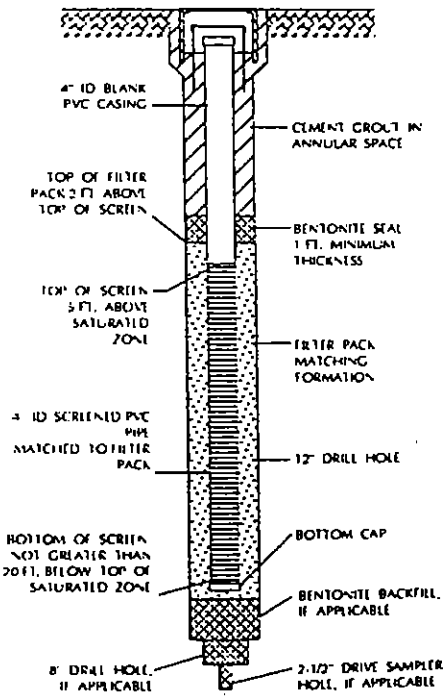
SAMPLE TYPE



NOTE:

SOIL CONDITIONS INDICATED BY BORING LOGS APPLY ONLY AT THE LOCATION OF THE PARTICULAR BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THE BORING LOCATIONS WITH THE PASSAGE OF TIME. DATA PRESENTED IN THE LOGS REPRESENT SIMPLIFICATION OF ACTUAL CONDITIONS ENCOUNTERED. SOIL CONDITIONS INDICATED BY BETWEEN SAMPLES ARE INFERRED.

WELL CONSTRUCTION



UNIFIED SOIL CLASSIFICATION, BORING LOG, AND WELL CONSTRUCTION SYMBOLS

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Drawing No.
A-1

Converse Environmental West

LOG OF BORING NO. OMW-11

Start: *11/21/91* Completion: *11/21/91* Water Measure: *11/22/91*	Geologist: *C. Brown* Assistant Geol.: *N/A* Drilling Co.: *A.T.D.*	Driller/Helper: *N/A* Drilling Method: *Hollow Stem Auger* Auger/Bit Dia.: *3.75" x 8" - 7.25" x 13"*

DEPTH (FT)	SAMPLE	WATER LEVEL	SYMBOL	WELL CONSTRUCT.	DESCRIPTION		MOISTURE	SOIL CONSISTENCY OR ROCK HARDNESS	COLOR	BLOWS/6"	PERCENT RECOVERY
					8" Concrete, 7" Base				gray brown		
							moist	dense			
					Silty Clay	CL		stiff	black		
	S									4	
5	1						moist	stiff	brown	9	
	S				Clayey Sand, little fine Gravel	SC	moist	medium dense	gray with rust	5	
	2									13	
10	S									10	
	S									14	
										16	
										18	
	S						moist to very moist			9	
	P									11	
	T									14	
	1									18	
	3				Slightly Clayey, coarse Sand, trace to little fine Gravel	SP/SC	wet	loose		5	
	S									5	
15	S				Fine Sandy Clay	CL	very moist	stiff	gray with rust	4	
										5	
	S									5	
										7	
	S				Clayey fine Sand	SC		medium dense		4	
	P									5	
	T				Silty fine Sand	SP/SM			brown	6	
	2									6	
	S				Coarse Sand and fine Gravel, trace Clay	GP/GC	wet			9	
20										20	

REGISTERED GEOLOGIST
GERARD L. SLATTERY
No. 5038
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-2

LOG OF BORING NO. OMW-11

Continued - Page 2

DEPTH (FT)	SAMPLE	WATER LEVEL	SYMBOL	WELL CONSTRUCT.	DESCRIPTION		MOISTURE	SOIL CONSISTENCY OR ROCK HARDNESS	COLOR	BLOWS / 6"	PERCENT RECOVERY
	S				Clayey coarse Sand and fine Gravel	SC/GC	wet	dense	brown	11 19	
	S				Fine Gravelly coarse Sand, trace Clay	SP				21 16	
	SPT 3				Very Sandy Clay/Clayey Sand	CL/SC			rust with gray	4 5 10	
					Fine Gravelly fine to medium Sand	SP			gray	11	
25					Total Depth of Boring: 24 ft. Casing: Blank 4" ID Sch. 40 PVC Screen: Slotted 4" ID Sch. 40 PVC, 0.020" slots Filter Pack: 2/12 sand						
30											
35											
40											

REGISTERED GEOLOGIST
GERARD L. SLATTERY
No. 5038
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Drawing No.
A-3

Converse Environmental West

LOG OF BORING NO. OMW-12

Start: *11/20/91* Completion: *11/20/91* Water Measure: *12/2/91*	Geologist: *C. Brown* Assistant Geol.: *N/A* Drilling Co.: *A.T.D.*	Driller/Helper: *N/A* Drilling Method: *Hollow Stem Auger* Auger/Bit Dia.: *3.75" x 8" - 7.25" x 13"*

DEPTH (FT)	SAMPLE	WATER LEVEL	SYMBOL	WELL CONSTRUCT.	DESCRIPTION		MOISTURE	SOIL CONSISTENCY OR ROCK HARDNESS	COLOR	BLOWS / 6"	PERCENT RECOVERY
					≈8" Concrete, 8" Base, 6" Fill						
					6" layer Gravel						
					Silty Clay	CL	moist	stiff	black		
	S 1				trace black specks				brown	10 10	
5											
	S 2				Clayey Sand	SC	moist	medium dense	gray with rust	6 18	
10	S	▼								16	
					Fine Sandy Silt	ML				11	
	S									11	
					Clayey Sand, little fine Gravel	SC	very moist to wet		red brown	16	
	SPT 1				wet Sand lens					9	
					wet Sand lens					12	
					wet Sand lens					12	
										18	
	S				Coarse Sand, pea Gravel	SC/GC	wet			8	
	3				Fine Sandy Clay	CL	very moist	stiff	gray	10	
15	S									5	
									rust with gray	8	
	S				wet lens		wet			11	
							very moist			12	
	SPT 2									4	
										5	
					Silty Clay	CL				12	
							wet			15	
	S				Clayey Sand and fine Gravel	SC/GC	very moist	stiff		4	
20					Silty Clay	CL	moist			7	

REGISTERED GEOLOGIST
GERARD L. SLATTERY
No. 5038
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-4

LOG OF BORING NO. OMW-12

Continued - Page 2

DEPTH (FT)	SAMPLE	WATER LEVEL	SYMBOL	WELL CONSTRUCT.	DESCRIPTION	MOISTURE	SOIL CONSISTENCY OR ROCK HARDNESS	COLOR	BLOWS/6"	PERCENT RECOVERY
	S				Silty Clay CL	moist	stiff	rust with gray	5 8	
	S								6 7	
	SPT 3				Becoming Sandy				4 5 6 8	
25					Total Depth of Boring: 24 ft. Casing: Blank 4" ID Sch. 40 PVC Screen: Slotted 4" ID Sch. 40 PVC, 0.020" slots Filter Pack: 2/12 sand					
30										
35										
40										

REGISTERED GEOLOGIST
GERARD L. SLATTERY
No. 5038
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-5

LOG OF BORING NO. OMW-13

Start: *11/21/91* Completion: *11/21/91* Water Measure: *11/22/91*	Geologist: *C. Brown* Assistant Geol.: *N/A* Drilling Co.: *A.T.D.*	Driller/Helper: *N/A* Drilling Method: *Hollow Stem Auger* Auger/Bit Dia.: *3.75" x 8" - 7.25" x 13"*

DEPTH (FT)	SAMPLE	WATER LEVEL	SYMBOL	WELL CONSTRUCT.	DESCRIPTION		MOISTURE	SOIL CONSISTENCY OR ROCK HARDNESS	COLOR	BLOWS / 6"	PERCENT RECOVERY
					8" Concrete, 8" Base						
					Silty Clay	CL	moist	stiff	dark gray black		
	S 1								mottled gray brown	4 8	
5	S									5 9	
	S				trace Sand				gray	12 14	
					Grading into fine Sandy Clay						
	S 2				Fine Sandy Clay/Clayey Sand	CL/SC				5 7	
10	S				Silty Clay	CL		stiff	light gray with rust	6 11	
	S	▼			Clayey Sand and Gravel	SC/GC		dense		24 25	
	SPT 1						wet			9 15 16 20	
	S 3							medium dense		8 9	
15	S									10	
					Sandy Silt	ML		stiff	rust	7	
	S				Clayey Sand and Gravel	SC/GC			brown	12 16	
	SPT 2									12 19 23 34	
20	S						wet	medium dense		10 15	

REGISTERED GEOLOGIST
GERARD L. SLATTERY
No. 5038
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-6

LOG OF BORING NO. OMW-13

Continued - Page 2

DEPTH (FT)	SAMPLE	WATER LEVEL	SYMBOL	WELL CONSTRUCT.	DESCRIPTION		MOISTURE	SOIL CONSISTENCY OR ROCK HARDNESS	COLOR	BLOWS / 6"	PERCENT RECOVERY
	S				Silty Clay	CL	very moist	stiff	gray brown	5 8	
	S						moist			6 7	
	S P T 3				Sandy Clay with occasional Clayey Sand lens		very moist		gray with rust	4 5 6 8	
25					Total Depth of Boring: 24 ft. Casing: Blank 4" ID Sch. 40 PVC Screen: Slotted 4" ID Sch. 40 PVC, 0.020" slots Filter Pack: 2/12 sand						
30											
35											
40											

REGISTERED GEOLOGIST
GERARD L. SLATTERY
No. 5038
STATE OF CALIFORNIA

SHELL OIL COMPANY
500 40th Street
Oakland, California

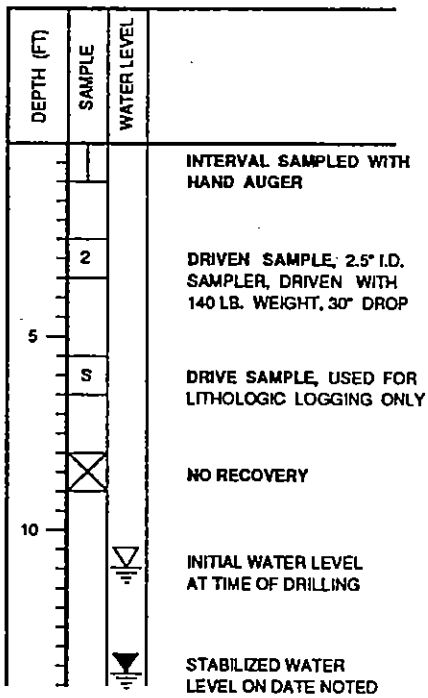
Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-7

MAJOR DIVISIONS			SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS MORE THAN HALF IS LARGER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES
			GP	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES
		GRAVELS WITH OVER 12 % FINES	GM	SILTY GRAVELS, POORLY GRADED GRAVEL-SAND-SILT MIXTURES
			GC	CLAYEY GRAVELS, POORLY GRADED GRAVEL-SAND-CLAY MIXTURES
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS WITH LITTLE OR NO FINES	SW	WELL GRADED SANDS, GRAVELLY SANDS
			SP	POORLY GRADED SANDS, GRAVELLY SANDS
		SANDS WITH OVER 12 % FINES	SM	SILTY SANDS, POORLY GRADED SAND-SILT MIXTURES
			SC	CLAYEY SANDS, POORLY GRADED SAND-CLAY MIXTURES
FINE GRAINED SOILS MORE THAN HALF IS SMALLER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS, OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAY
			OL	ORGANIC CLAYS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE, SANDY OR SILTY SOILS, ELASTIC SILTS
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

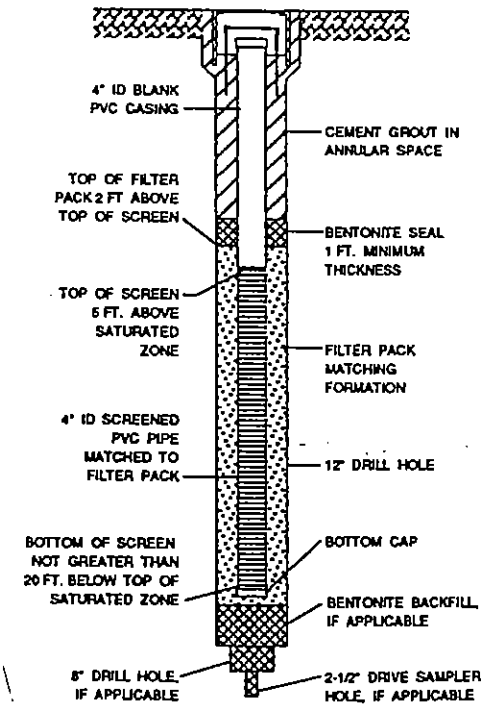
SAMPLE TYPE



NOTE:

SOIL CONDITIONS INDICATED BY BORING LOGS APPLY ONLY AT THE LOCATION OF THE PARTICULAR BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THE BORING LOCATION WITH THE PASSAGE OF TIME. DATA PRESENTED IN THE LOGS REPRESENT A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED.

WELL CONSTRUCTION



UNIFIED SOIL CLASSIFICATION, BORING LOG, AND WELL CONSTRUCTION SYMBOLS

SHELL OIL COMPANY
500 40th Street
Oakland, California

Project No.
88-44-361-20

Converse Environmental West

Drawing No.
A-1