ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

July 1, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Mr. Carl Cox
CJC Santa Rita LLC
4431 Stoneridge Drive #110
Pleasanton. CA 94588-8417

Subject: Case Closure for Fuel Leak Case No. RO0002522 and Geotracker Global ID T0600102532, Shell#13-5786, 6750 Santa Rita Road, Pleasanton, CA 94566

Dear Mr. Brown and Mr. Cox

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY

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

- Total Petroleum Hydrocarbons as diesel remain in soil at concentrations up to 320 ppm.
- Total Petroleum Hydrocarbons as gasoline remain in groundwater at concentrations up to 310 ppb.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

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

cc:

Cheryl Dizon, QIC 80201 (w/enc)
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551
(Sent via E-mail to: cdizon@zone7water.com)

Closure Unit (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Danielle Stefani (w/enc)
Livermore-Pleasanton Fire Department
3560 Nevada Street,
Pleasanton, CA 94566
(*Sent via E-mail to: dstefani@lpfire.org*)

City of Livermore Planning Department (w/enc),
1052 South Livermore Avenue,
Livermore, CA 94550

Suzanne McClurkin-Nelson (w/enc)
Delta Environmental Consultants, Inc.
312 Piercy Road
San Jose, CA 95138
(*Sent via E-mail to: SMcClurkin-Nelson@deltaenv.com*)

Regina Bussard (w/enc)
Delta Environmental Consultants, Inc.
312 Piercy Road
San Jose, CA 95138
(*Sent Sent via E-mail to: RBussard@deltaenv.com)*

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (w/o enc)

Geotracker (w/enc)
File (w/orig enc)

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FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

July 1, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Mr. Carl Cox
CJC Santa Rita LLC
4431 Stoneridge Drive #110
Pleasanton. CA 94588-8417

Subject: Case Closure for Fuel Leak Case No. RO0002522 and Geotracker Global ID T0600102532, Shell#13-5786, 6750 Santa Rita Road, Pleasanton, CA 94566

Dear Mr. Brown and Mr. Cox

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

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

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

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: January 11, 2010

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Shell#13-5786		
Site Facility Address: 6750 Santa Rita Road; Pleasanton CA 94566		
RB Case No.: NA	StID: NA	LOP Case No.: RO0002522
URF Filing Date: 01/06/2003	Geotracker ID: T0600101244	APN: 946-1101-37

Responsible Parties	Addresses	Phone Numbers
Shell Oil Products US Mr. Denis Brown	20945 S. Wilmington Ave. Carson, CA 90810-1039	707-865-0251
CJC Santa Rita LLC	4431 Stoneridge Drive, #110, Pleasanton, CA 94588-8417	No Phone Number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1 to 3	10,000 gallons	Gasoline	Removed	November 2002
4	10,000 gallons	Diesel	Removed	November 2002
---	---	---	---	---
---	---	---	---	---
Piping			Removed	November 2002

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No visible holes, cracks, or other signs of failure observed during tank removal. Suspected release or releases in the areas of the UST complex and the western fuel dispenser island.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ---	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 18.50 feet bgs	Lowest Depth: 33.12 feet bgs	Flow Direction: South-Southeast
Most Sensitive Current Use: Drinking water source		

Summary of Production Wells in Vicinity: Municipal water supply well 3S/1E 5J3 is located approximately 1,825 feet west of the site. Based on the crossgradient location and distance from the site, well 3S/1E 5J3 is not expected to be a receptor for the site. Two wells of unknown use are located approximately 1,800 feet west and 1,850 feet west southwest, respectively, of the site. Based on their crossgradient locations and distance from the site, the two wells of unknown use are not expected to be receptors for the site. No other water supply wells are located within 2,000 feet of the site.	
Are drinking water wells affected? No	Aquifer Name: Livermore Valley Groundwater Basin, Camp Subbasin
Is surface water affected? No	Nearest SW Name: An unlined Zone 7 flood channel is approximately 1,700 feet east-southeast of the site. Tassajara Creek is approximately 2,022 feet west-southwest of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore-Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	4 tanks	The tanks were transported to Ecology Control Industries in Richmond, CA for disposal	November 6, 2002
Piping	Not reported	Disposed off-site; disposal facility not reported	November 6, 2002
Free Product	----	----	----
Soil	Not Reported	Not reported	November 2002
Groundwater	66,137 gallons	Disposed off-site at Shell Martinez Refinery	November 2002 thru June 2006

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

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	10	10	11,000(1)	310(1)
TPH (Diesel)	320	320	55,000(2)	230(2)
TPH (Motor Oil)	NA	NA	NA	NA
Oil and Grease	NA	NA	NA	NA
Benzene	0.016	0.016	270(3)	<0.5
Toluene	0.031	0.031	1,800(3)	<1
Ethylbenzene	0.018	0.018	130(3)	<1
Xylenes	0.52	0.52	1,100(3)	<1
Lead	9.6	9.6	NA	NA
MTBE	2.5	2.5	15,000(5)	260(6)
Other (8240/8270)	NA	NA	NA	NA

(1) The maximum concentration before cleanup is from a groundwater sample collected from well MW-3 on 05/09/2003; the maximum concentration after cleanup is from a groundwater sample collected from well MW-2 during the most recent groundwater monitoring event on 04/22/2009.
(2) The maximum concentration before cleanup is from a grab groundwater sample collected from the tank pit during tank removal. The grab groundwater sample result may be biased high due to elevated turbidity. The maximum concentration after cleanup is the maximum concentration detected in groundwater collected from monitoring wells since 2002.
(3) The maximum concentration before cleanup is from a grab groundwater sample collected from the tank pit during tank removal. The grab groundwater sample result may be biased high due to elevated turbidity. Benzene, toluene, ethylbenzene, and xylenes were not detected in groundwater samples collected from monitoring wells, CPT borings, and direct push borings.
(4) No metals analyzed other than lead.
(5) The maximum concentration for MTBE before cleanup is from a grab groundwater sample collected from the tank pit during tank removal. The grab groundwater sample result may be biased high due to elevated turbidity; TBA = 6,500 ppb; TAME, ETBE, DIPE, 1,2-DCA, and EDB not detected at various reporting limits.
(6) The maximum concentration after cleanup is from groundwater samples collected during the most recent groundwater monitoring event on 01/08/2009 or 04/22/2009; MTBE = 260 ppb; TBA, TAME, ETBE, DIPE, 1,2-DCA, and EDB not detected at various reporting limits.

Site History and Description of Corrective Actions:

The site is an active Shell-branded service station on the southeast corner at the intersection of Santa Rita Road and Pimlico Drive in a mixed commercial and residential area of Pleasanton, California. The station facilities consist of a small convenience store, a car wash, a storage/restroom building, four underground storage tanks (USTs) and ten fuel dispensers.

Four onsite groundwater monitoring wells (MW-1 to MW-4) were installed in October 2002. No petroleum hydrocarbons or fuel oxygenates were detected in soil samples collected from the well borings. In November 2002, the USTs, product dispensers, and product piping were replaced. Soil samples from the excavation pit contained benzene and methyl tert butyl ether (MTBE) at concentrations of up to 0.016 ppm and 2.5 ppm, respectively. Total purgeable petroleum hydrocarbons (TPPH) were detected in piping trench samples at a maximum concentration of 10 ppm; total extractable petroleum hydrocarbons (TEPH) were found in dispenser samples at a maximum concentration of 18 ppm.

In December 2003, three Cone Penetration Test (CPT) borings were advanced onsite and offsite. Maximum concentrations in the grab groundwater samples collected were 300 ppb TEPH (CPT-1@70') and 18 ppb MTBE (CPT-3@46'). All other constituents were below the laboratory reporting limits.

In January 2005, off-site well MW-5 was installed; no petroleum hydrocarbons or fuel oxygenates were detected in soil samples collected from the well boring. MTBE was detected in the groundwater at 5.1 ppb during the initial sampling. Eleven exploratory soil borings (B-1 through B-11) were advanced onsite in November 2005, and off-site monitoring wells MW-6 and MW-7 were installed south of the site in December 2005. The maximum concentrations detected in soil were 320 ppm TEPH (B-10@10'), 0.27 ppm MTBE (B-4@35' & B-11@35'), and 0.39 ppm tert butyl alcohol [TBA] (B-11@45'). The maximum concentrations detected in groundwater were 140 ppb MTBE (B-7) and 12 ppb TBA (B-7).

Monthly batch extractions from wells MW-2 and MW-3 were initiated during third quarter 2003, and continued through the fourth quarter 2003. Over the course of six months, MTBE concentrations in well MW-3 decreased from a historic high of 15,000 ppb to 9,800 ppb; however, on average, less than 40 gallons of water could be extracted from each well during a two-hour period. As a result, monthly groundwater batch extractions were discontinued during first quarter 2004.

Due to increasing MTBE concentrations in groundwater during first and second quarter 2004, an extended groundwater batch extraction event was initiated during third quarter 2004 utilizing wells MW-1, MW-2 and MW-3. Approximately 4,705 gallons of groundwater were extracted during a six-week period, and an overall decrease in concentrations was observed in site wells during the extraction activities.

Additional increases in MTBE concentrations during fourth quarter 2004 prompted the initiation a of second extended groundwater batch extraction event during first quarter 2005 utilizing well MW-2. Approximately 2,950 gallons of groundwater were extracted during a two week period, and the concentration of MTBE in well MW-2 decreased from 5,200 ppb to 1,300 ppb. The total mass of MTBE removed from groundwater beneath the site through January 2005 was approximately 0.274 pounds.

During fourth quarter 2005, a third extended groundwater batch extraction event was performed utilizing well MW-2. Approximately 1,118 gallons of groundwater were extracted during the 10-day period, and the concentration of MTBE decreased from 2,600 ppb to 1,300 ppb. The calculated mass extracted during this event was 0.011 pounds.

Following the fourth quarter 2005 event, a temporary groundwater extraction system was installed and operated for about four months. Combined, the remediation methods resulted in the extraction of approximately 49,137 gallons of groundwater and the removal of approximately 0.36 pound of MTBE. Concentrations of MTBE in well MW-2 decreased to a low of 180 ppb.

Groundwater monitoring has been conducted at the site since December 2002. Maximum historical concentrations of TPPH and MTBE in groundwater were 11,000 ppb (MW-3), and 15,000 ppb (MW-3), respectively. During the most recent monitoring and sampling event on October 6, 2009, TPPH was detected at a maximum concentration of 310 ppb (MW-2) and MTBE was detected at a maximum concentration of 260 ppb (MW-2).

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: None		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 7
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

No soil vapor sampling was conducted for the site. Based on the apparent de minimus concentrations of BTEX in soil and groundwater samples, soil vapor sampling does not appear to be necessary.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 02/25/10
Approved by: Donna L. Drogos, P.E.	Title: Chief
Signature: Donna L. Drogos	Date: 02/25/10

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

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Date Submitted to RB: 07/25/10	

VIII. MONITORING WELL DECOMMISSIONING

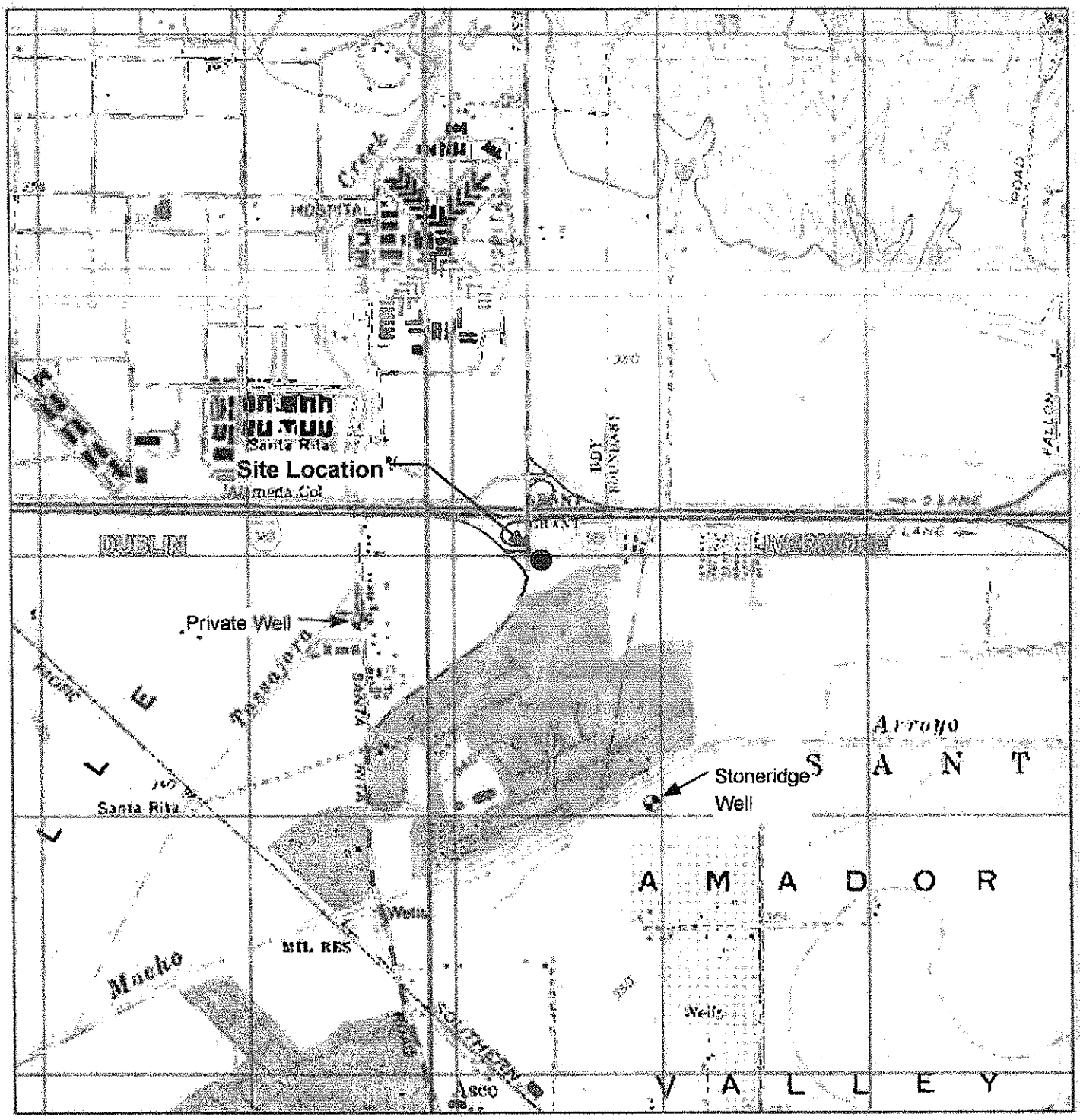
Date Requested by ACEH: 03/25/10	Date of Well Decommissioning Report: 6/25/10	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 7	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 07/01/10

Attachments:

Attachments:

1. Site Vicinity Map (1 p)
2. Site Plan and Cross Section (2 pp)
3. Groundwater Elevation Contour Map; Chemical Distribution Map; and Time Concentration Graphs (4 pp)
4. Soil Analytical Data (4 pp)
5. Groundwater Analytical Data (10 pp)
6. Boring Logs (37 pp)

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



GENERAL NOTES:
Base Map from: DeLorme Yarmouth, ME 04096
Source Data: USGS

North

QUADRANGLE LOCATION

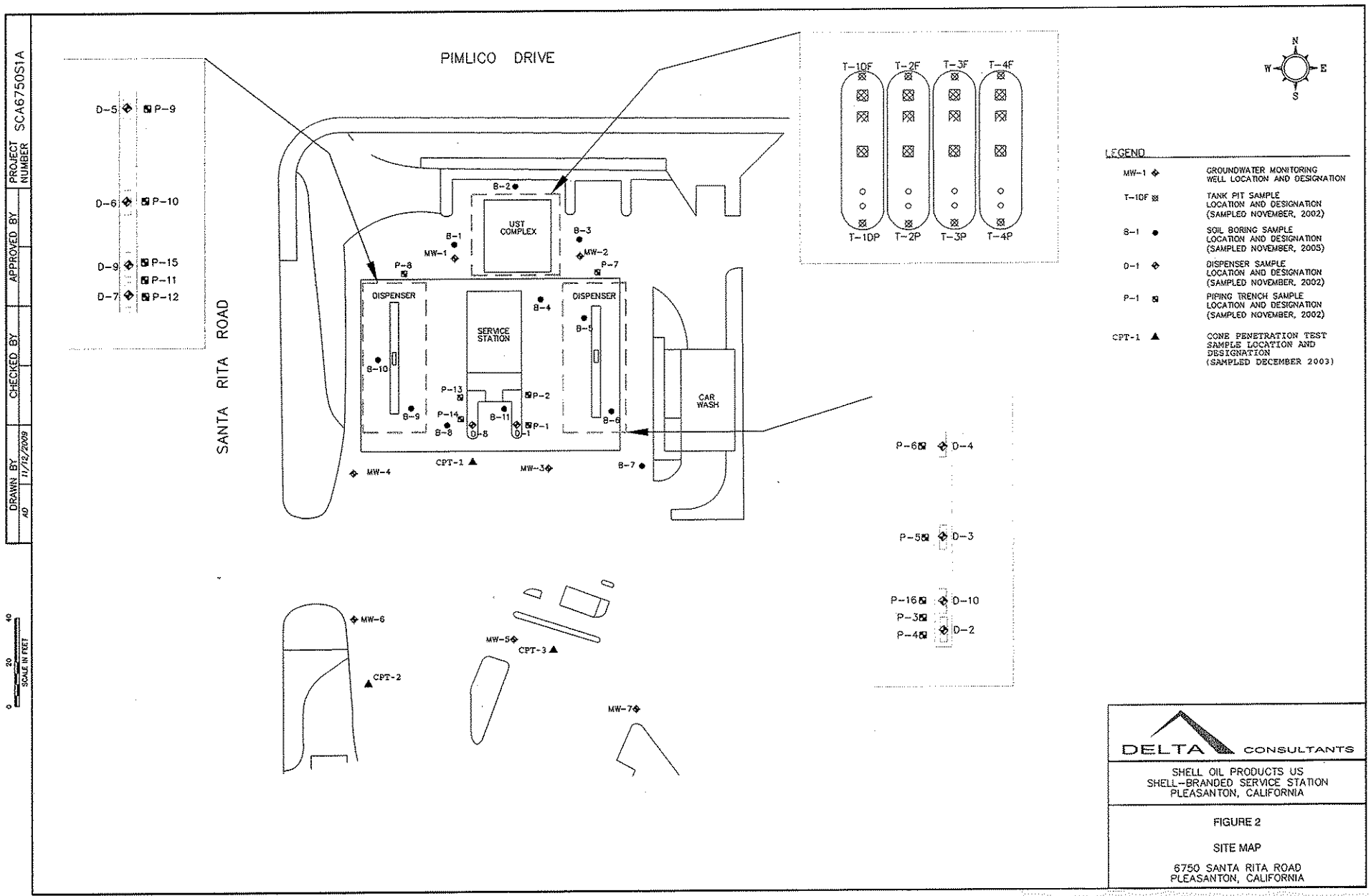
0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION AND WELL SURVEY MAP
SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ97-505-1.2004	DRAWN BY VF 12/24/03
FILE NO. SJ97-505-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.

ATTACHMENT 1



DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
AD 11/12/2009			SCA6750S1A

DELTA CONSULTANTS

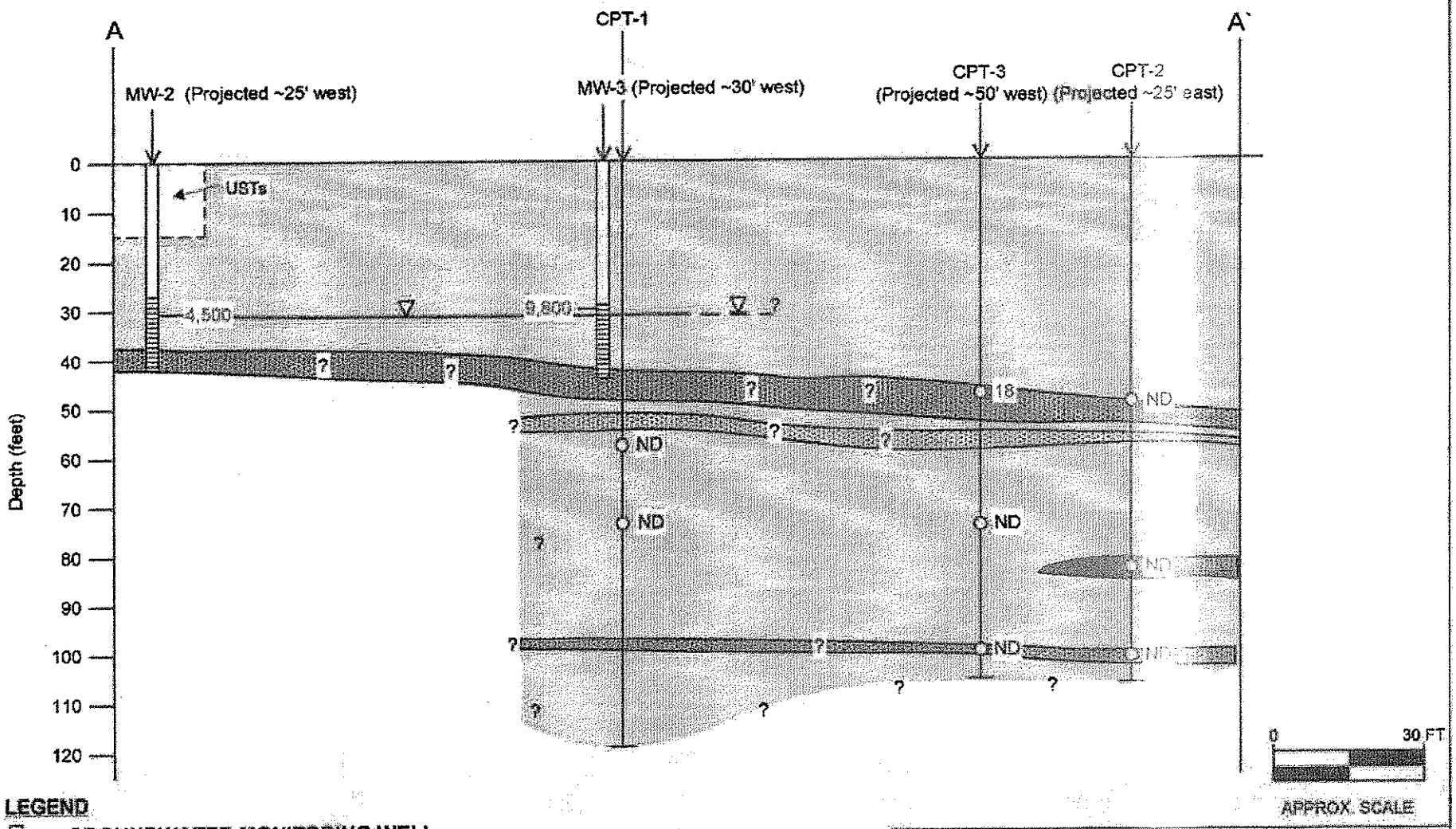
SHELL OIL PRODUCTS US
SHELL-BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 2

SITE MAP

6750 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

ATTACHMENT 2



LEGEND

- GROUNDWATER MONITORING WELL
- WELL SCREEN INTERVAL
- CPT BORING
- O HYDROPUNCH WATER SAMPLE
- 500 MTBE CONCENTRATION (UG/L)
- ND NOT DETECTED AT LABORATORY REPORTING LIMIT
- WATER TABLE, 1/6/04

- SILTY AND CLAYEY SOILS
- SANDS AND SILTY SANDS
- SILTY SANDS AND SANDY SILTS

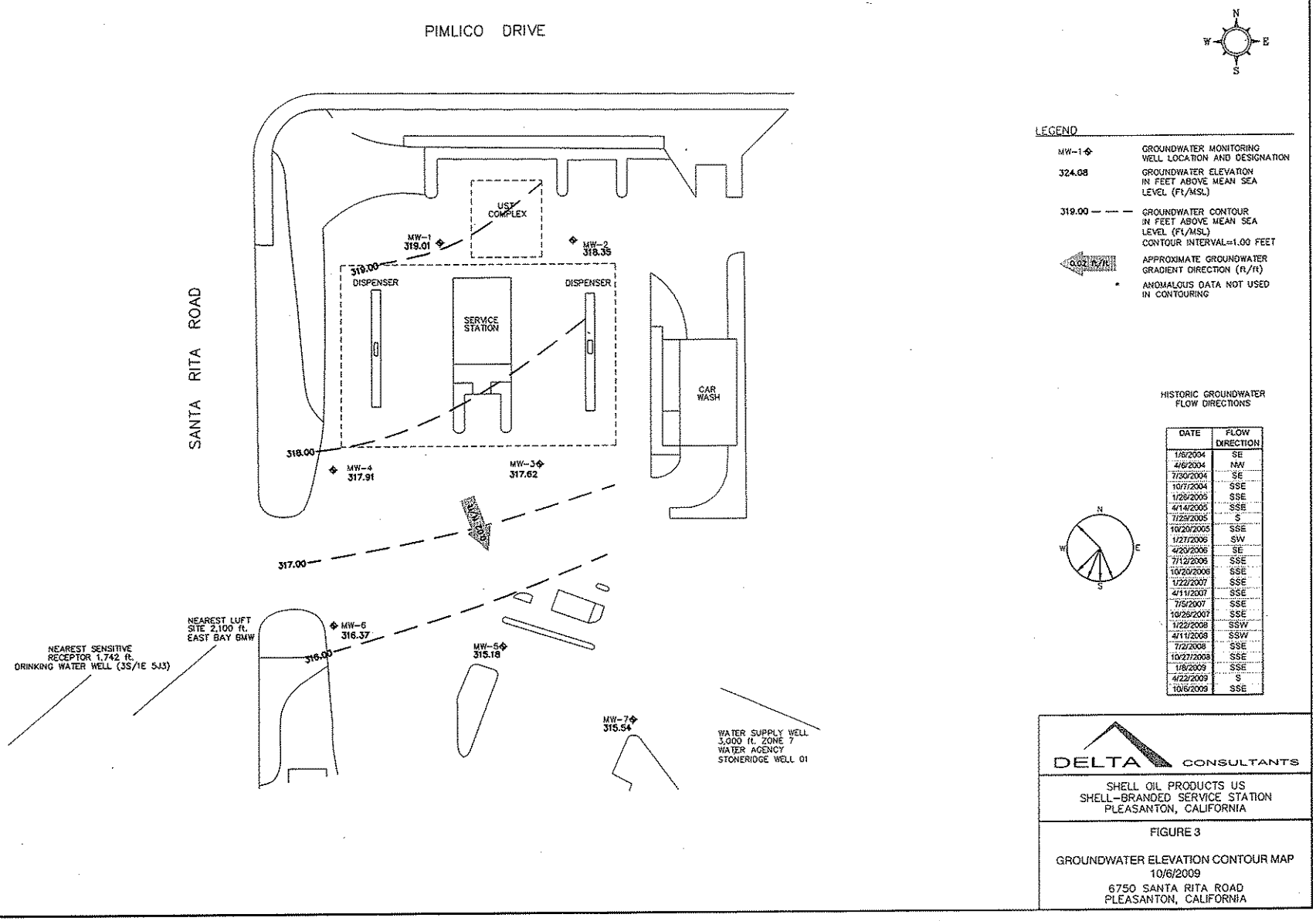
FIGURE 3

GEOLOGIC CROSS-SECTION

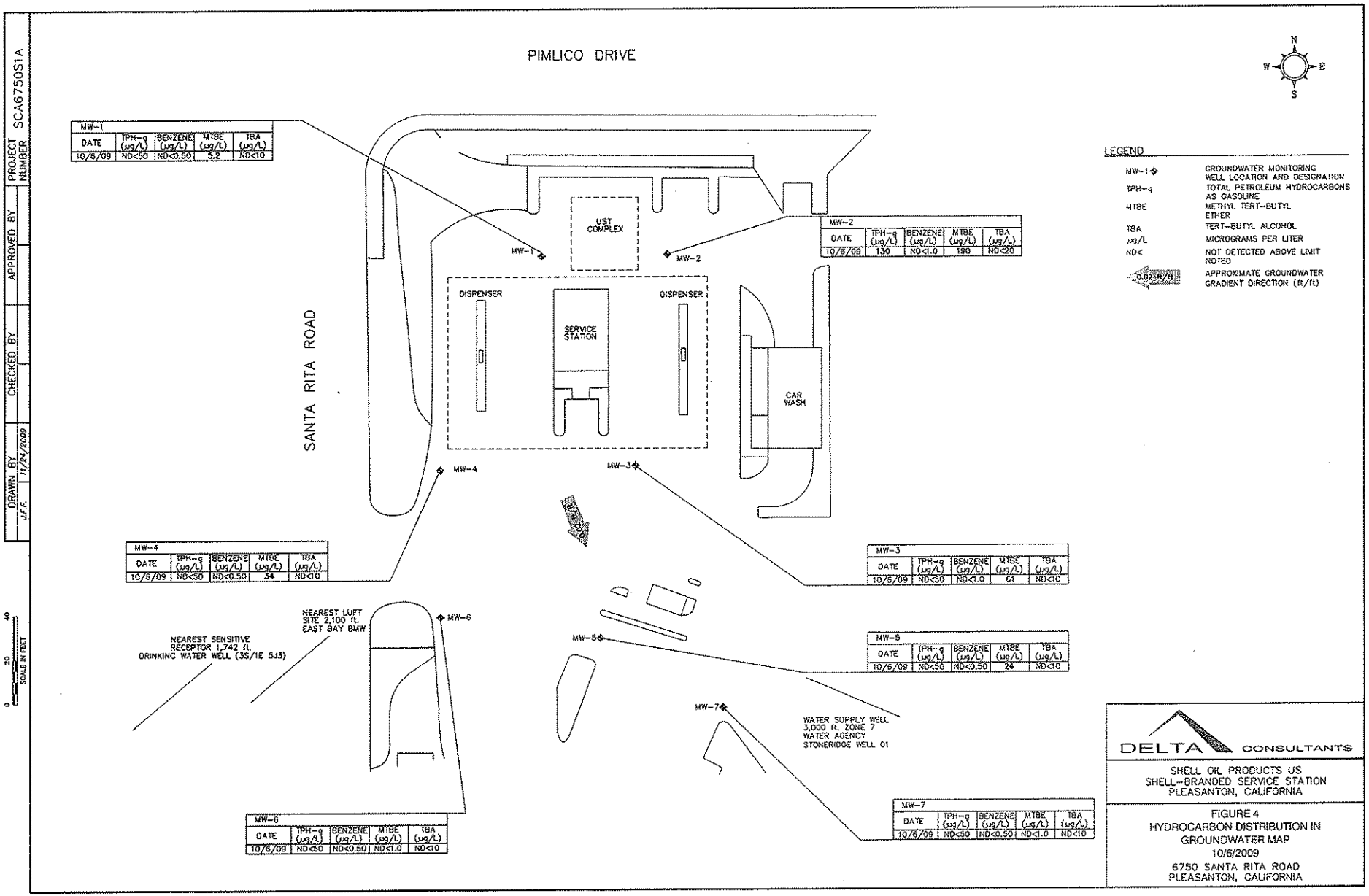
SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ97-500-1.2004	DRAWN BY V. F. 2/17/04
FILE NO. SJ97-500-1.2004	PREPARED BY V. F.
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



ATTACHMENT 3



MW-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/6/09	ND<50	ND<0.50	5.2	ND<10

MW-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/6/09	130	ND<1.0	190	ND<20

MW-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/5/09	ND<50	ND<1.0	61	ND<10

MW-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/6/09	ND<50	ND<0.50	34	ND<10

MW-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/6/09	ND<50	ND<0.50	24	ND<10

MW-6				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/6/09	ND<50	ND<0.50	ND<1.0	ND<10

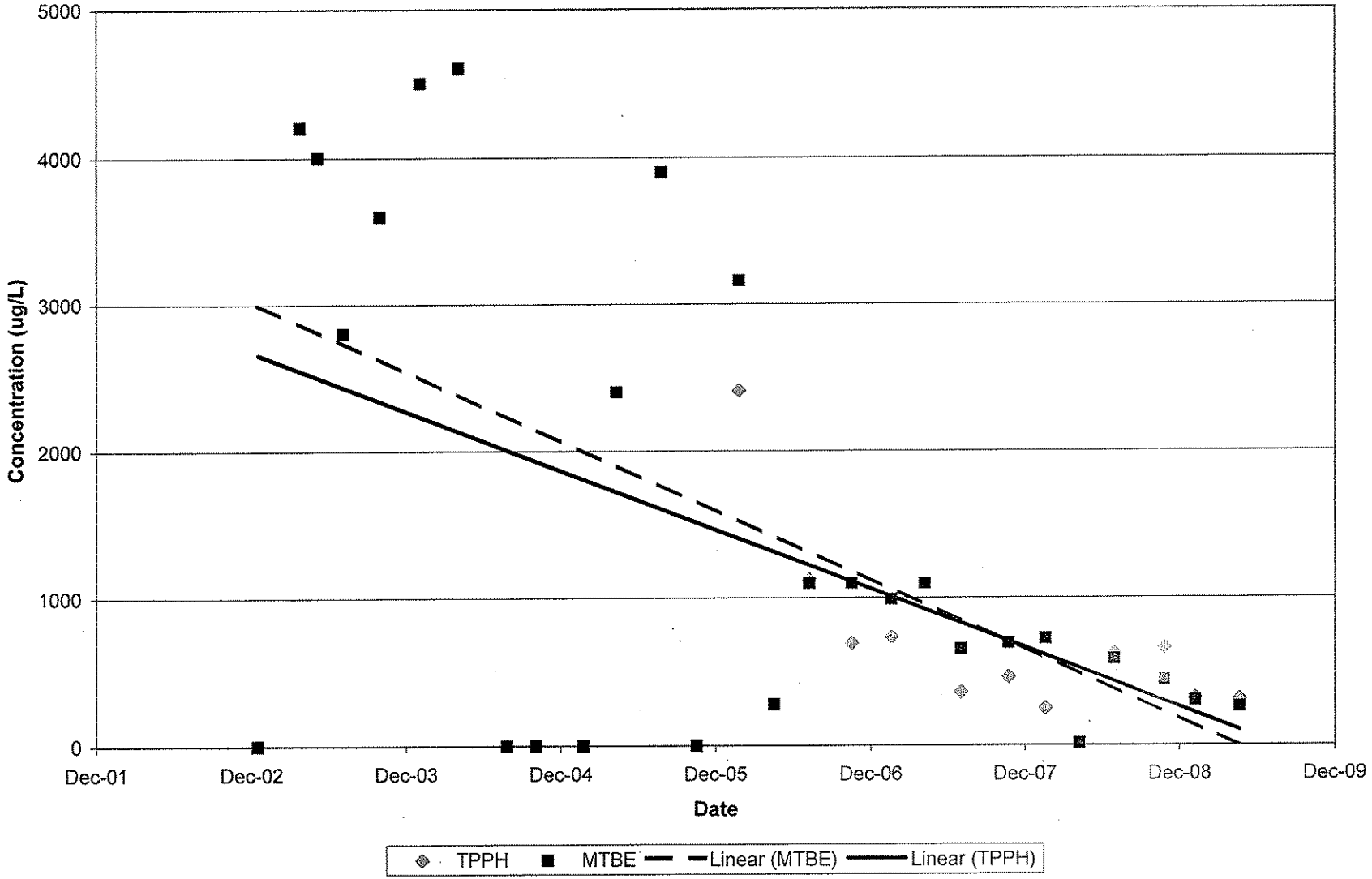
MW-7				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
10/6/09	ND<50	ND<0.50	ND<1.0	ND<10

DELTA CONSULTANTS

SHELL OIL PRODUCTS US
SHELL-BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 4
HYDROCARBON DISTRIBUTION IN GROUNDWATER MAP
10/6/2009
6750 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

GRAPH 1
TPPH AND MTBE CONCENTRATIONS IN WELL MW-2 vs. TIME
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA



GRAPH 2
TPPH AND MTBE CONCENTRATIONS IN WELL MW-3 vs. TIME
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

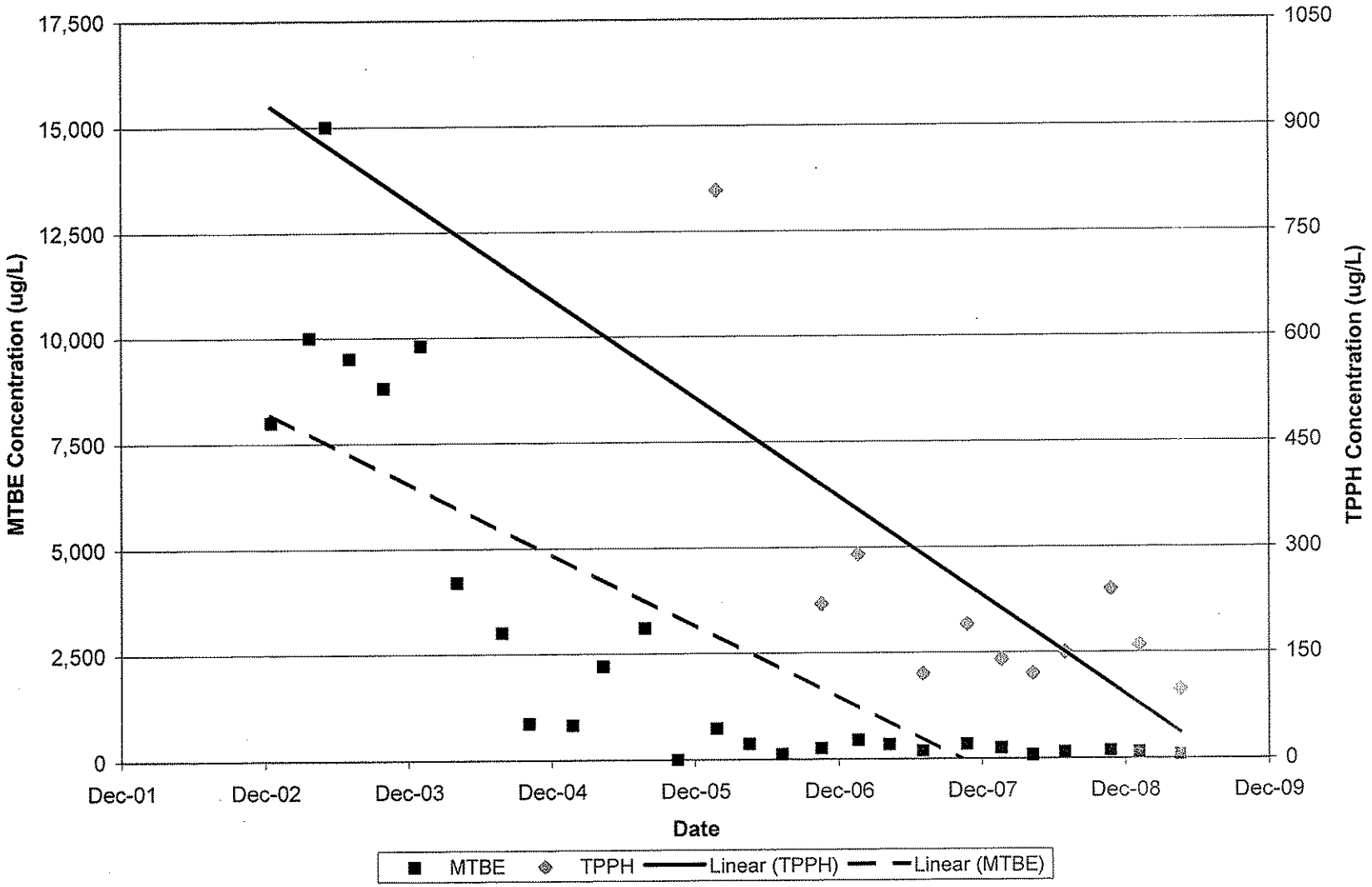


TABLE 3
HISTORICAL SOIL DATA
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TEPH (mg/kg)	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Lead (mg/kg)
Well Installation Samples																
MW-2 20'	10/08/02	20	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-3 20'	10/09/02	20	NA	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Tank Pit Samples																
T-1DP	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.010	0.9	<0.5	<0.5	<0.5	1.0	NA	NA	NA
T-1DF	11/6/2002	14	NA	<1.0	<0.005	0.0065	<0.005	0.0050	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
T-2P	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	2.5	<0.5	<0.5	<0.5	6.1	NA	NA	NA
T-2F	11/6/2002	14	NA	<1.0	0.016	0.031	<0.005	<0.005	1.0	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
T-3P	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	2.5	<0.5	<0.5	<0.5	4.6	NA	NA	NA
T-3F	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	1.5	<0.5	<0.5	<0.5	1.7	NA	NA	NA
T-4P	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	1.4	<0.5	<0.5	<0.5	3.0	NA	NA	NA
T-4F	11/6/2002	14	NA	<1.0	<0.005	<0.005	<0.005	<0.005	0.6	<0.5	<0.5	<0.5	0.9	NA	NA	NA
Dispenser Samples																
D-1 @ 3'	11/15/2002	3	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-2 @ 5'	11/15/2002	5	7.1*	10	<0.005	<0.005	<0.005	0.52	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-3 @ 4'	11/15/2002	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-4 @ 4'	11/15/2002	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-5 @ 5'	11/15/2002	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-6 @ 4.5'	11/15/2002	4.5	11	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-7 @ 4.5'	11/15/2002	4.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-8 @ 3.5'	11/15/2002	3.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-9 @ 3.5'	11/15/2002	3.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
D-10 @ 4'	11/15/2002	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Piping Trench Samples																
P-1 @ 3'	11/15/2002	3	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-2 @ 3'	11/15/2002	3	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-3 @ 5'	11/15/2002	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-4 @ 4.5'	11/15/2002	4.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-5 @ 5.5'	11/15/2002	5.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA

ATTACHMENT 4

TABLE 3
HISTORICAL SOIL DATA
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TEPH (mg/kg)	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Lead (mg/kg)
P-6 @ 6.5'	11/15/2002	6.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.010	0.9	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-7 @ 6.5'	11/15/2002	6.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-8 @ 7.5'	11/15/2002	7.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-9 @ 7'	11/15/2002	7	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-10 @ 5.5'	11/15/2002	5.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-11 @ 5.5'	11/15/2002	5.5	18	<1.0	<0.005	<0.005	<0.005	<0.010	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-12 @ 5'	11/15/2002	5	1.8	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-13 @ 4'	11/15/2002	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-14 @ 3.5'	11/15/2002	3.5	<1.0	<1.0	<0.005	<0.005	0.018	0.055	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-15 @ 5.5'	11/15/2002	5.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
P-16 @ 5'	11/15/2002	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
Geoprobe Boring Samples																
B-1@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	9.6
B-1@10'	11/14/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.3
B-1@15'	11/14/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.8
B-1@20'	11/14/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.7
B-1@25'	11/14/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.4
B-1@30'	11/14/2005	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	4.0
B-1@35'	11/14/2005	35	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	3.3
B-1@40'	11/14/2005	40	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.0
B-1@45'	11/14/2005	45	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.0065	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	3.9
B-2@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	7.6
B-2@10'	11/16/2005	10	86*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.5
B-2@15'	11/16/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.8
B-2@20'	11/16/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.068	<0.01	<0.005	<0.005	0.040	<0.005	<0.005	5.4
B-2@25'	11/16/2005	25	1.3*	<1.0	<0.005	<0.005	<0.005	<0.005	0.063	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.3
B-3@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.3
B-3@10'	11/15/2005	10	7.3*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.3
B-3@15'	11/15/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.0
B-3@20'	11/15/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.9
B-3@25'	11/15/2005	25	6.1*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.2

TABLE 3
HISTORICAL SOIL DATA
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TEPH (mg/kg)	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Lead (mg/kg)
B-4@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	7.5
B-4@12'	11/14/2005	12	2.9*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.4
B-4@15'	11/14/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.7
B-4@20'	11/14/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.8
B-4@25'	11/14/2005	25	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.4
B-4@35'	11/14/2005	35	<1.0	<1.0	<0.005	<0.005	<0.005	0.0062	0.27	<0.01	<0.005	<0.005	0.038	<0.005	<0.005	4.8
B-4@40'	11/14/2005	40	1.9*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	0.014	<0.005	<0.005	3.7
B-4@45'	11/14/2005	45	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.21	<0.01	<0.005	<0.005	0.076	<0.005	<0.005	4.6
B-5@5'	11/11/2005	5	2.1*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.7
B-5@10'	11/16/2005	10	2.7*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	7.4
B-5@15'	11/16/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.8
B-6@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.2
B-6@10'	11/15/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.7
B-6@15'	11/15/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.3
B-7@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.4
B-7@10'	11/15/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.1
B-7@15'	11/15/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.1
B-7@20'	11/15/2005	20	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.5
B-7@24.5'	11/15/2005	24.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.0
B-7@30'	11/15/2005	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.5
B-7@34'	11/15/2005	34	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.3
B-7@40'	11/15/2005	40	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	4.3
B-7@45'	11/15/2005	45	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	4.8
B-8@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	4.9
B-8@10'	11/15/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.8
B-8@15'	11/15/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.4
B-9@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	7.9
B-9@10'	11/16/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.040	<0.01	<0.005	<0.005	0.011	<0.005	<0.005	6.9
B-9@15'	11/16/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.12	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	7.3
B-10@5'	11/11/2005	5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.0051	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.8
B-10@10'	11/16/2005	10	320*	<1.0	<0.005	<0.005	<0.005	<0.005	0.013	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.1

TABLE 3
HISTORICAL SOIL DATA
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TEPH (mg/kg)	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Lead (mg/kg)
B-10@15'	11/16/2005	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.0
B-11@5'	11/11/2005	5	1.9*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	8.7
B-11@10'	11/14/2005	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.3
B-11@15'	11/14/2005	15	1.6*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	6.9
B-11@20'	11/14/2005	20	4.3*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.4
B-11@25'	11/14/2005	25	2.1*	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.5
B-11@30'	11/14/2005	30	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.010	<0.005	<0.005	5.7
B-11@35'	11/14/2005	35	<1.0	<1.0	<0.005	<0.005	<0.005	0.0062	0.27	<0.01	<0.005	<0.005	0.038	<0.005	<0.005	3.6
B-11@40'	11/14/2005	40	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.20	<0.01	<0.005	<0.005	0.33	<0.005	<0.005	4.0
B-11@45'	11/14/2005	45	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.22	<0.01	<0.005	<0.005	0.39	<0.005	<0.005	4.9
ESLs[1]			**83**	**83**	**0.044**	**2.9**	**3.3**	**2.3**	**0.023**	NA	NA	NA	**0.075**	NA	NA	**750**
ESLs[2]			**180**	**180**	**0.27**	**9.3**	**4.7**	**11**	**8.4**	NA	NA	NA	**110**	NA	NA	**750**
ESLs[3]			**180**	**180**	**2.0**	**9.3**	**4.7**	**11**	**8.4**	NA	NA	NA	**110**	NA	NA	**750**

1 = Shallow and Deep Soils - Commercial Land Use - Groundwater is a Current or Potential Source of Drinking Water

2 = Shallow Soils - Commercial Land Use - Groundwater is not a Current or Potential Source of Drinking Water

3 = Deep Soils - Commercial Land Use - Groundwater is not a Current or Potential Source of Drinking Water

Notes:

mg/kg = milligrams per kilogram

TPPH = Total purgeable petroleum hydrocarbons as gasoline

TEPH = Total extractable petroleum hydrocarbon as diesel

MTBE = Methyl tert-butyl ether

DIPE = Diisopropyl ether

ETBE = Ethyl tert-butyl ether

TAME = Tert-amyl methyl ether

TBA = Tert-Butanol

EDB = 1,2-dibromoethane

1,2-DCA = 1,2-dichloroethane

NA = Not analyzed or Not Applicable

* = Hydrocarbons reported as TPH as Diesel do not exhibit a typical Diesel chromatographic pattern.

Historically, gasoline and diesel concentrations may have been reported as TPH-g and TPH-d (total petroleum hydrocarbons as gasoline or diesel).

These designations may represent slight differences in carbon ranges.

TABLE 1
HISTORICAL WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.75	NA
MW-1	12/20/2002	<50	81	<0.50	<0.50	<0.50	<0.50	62	<2.0	<2.0	<2.0	<50	NA	NA	NA	31.93	NA
MW-1	3/28/2003	<50	70	<0.50	<0.50	<0.50	<1.0	130	<2.0	<2.0	<2.0	43	NA	NA	343.48	31.59	311.89
MW-1	5/9/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	280	<10	<10	<10	200	NA	NA	343.48	31.10	312.38
MW-1	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.65	311.83
MW-1	7/8/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	160	<10	<10	<10	170	NA	NA	343.48	30.90	312.58
MW-1	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.53	311.95
MW-1	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.95	313.53
MW-1	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.99	313.49
MW-1	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	30.02	313.46
MW-1	10/3/2003	<500	NA	<5.0	<5.0	<5.0	<10	810	<20	<20	<20	540	NA	NA	343.48	29.89	313.59
MW-1	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.38	312.10
MW-1	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.71	313.77
MW-1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.72	313.76
MW-1	1/6/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	400	<10	<10	<10	280	NA	NA	343.48	29.16	314.32
MW-1	4/6/2004	<1,300	NA	<13	<13	<13	<25	3,300	NA	NA	NA	3,500	NA	NA	343.48	31.38	312.10
MW-1	7/30/2004	<1,300	NA	<13	<13	<13	<25	1,000	NA	NA	NA	600	NA	NA	343.48	28.51	314.97
MW-1	10/7/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	530	NA	NA	NA	390	NA	NA	343.48	28.55	314.93
MW-1	1/26/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	320	<10	<10	<10	130	NA	NA	343.48	27.35	316.13
MW-1	4/14/2005	<150	NA	<1.5	<1.5	<1.5	<1.5	720	NA	NA	NA	260	NA	NA	343.48	26.70	316.78
MW-1	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	270	NA	NA	NA	150	NA	NA	343.48	26.33	317.15
MW-1	10/20/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	39	NA	NA	NA	<25	NA	NA	343.48	27.12	316.36
MW-1	1/27/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	30.1	NA	NA	NA	<10.0	NA	NA	343.48	25.25	318.23
MW-1	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	16.9	NA	NA	NA	12.4	NA	NA	343.48	21.37	322.11
MW-1	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	22.5	NA	NA	NA	<10.0	NA	NA	343.48	22.35	321.13
MW-1	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	1.7	NA	NA	NA	<5.0	NA	NA	343.48	22.67	320.81
MW-1	1/22/2007	<50 d,f	NA	<0.50 d,f	<0.50 d,f	<0.50 d,f	<0.50 d,f	17 d,f	<0.50 d,f	<0.50 d,f	<0.50 d,f	<20 d,f	NA	NA	343.48	21.76	321.72
MW-1	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	1.5	NA	NA	NA	<10	NA	NA	343.48	21.20	322.28
MW-1	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	5.6	NA	NA	NA	<10	NA	NA	343.48	21.98	321.50

ATTACHMENT 5

TABLE 1
HISTORICAL WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	19	NA	NA	NA	<10	NA	NA	343.48	21.61	321.87
MW-1	1/22/2008	<50 g	NA	<0.50	<1.0	<1.0	<1.0	3.9	<2.0	<2.0	<2.0	<10	NA	NA	343.48	23.38	320.10
MW-1	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	1.2	NA	NA	NA	<10	NA	NA	343.48	19.40	324.08
MW-1	7/2/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	2.0	NA	NA	NA	<10	NA	NA	343.48	20.00	323.48
MW-1	10/27/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	3.8	NA	NA	NA	<10	NA	NA	343.48	21.79	321.69
MW-1	1/8/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	2.7	<2.0	<2.0	<2.0	<10	NA	NA	343.48	22.58	320.90
MW-1	4/22/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	2.5	NA	NA	NA	<10	NA	NA	343.48	22.11	321.37
MW-2	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.25	NA
MW-2	12/20/2002	<200	120	<2.0	<2.0	<2.0	<2.0	660	<2.0	<2.0	<2.0	<50	NA	NA	NA	30.70	NA
MW-2	3/28/2003	<2,500	60	<25	<25	<25	<50	4,200	<100	<100	<100	2,500	NA	NA	342.86	30.30	312.56
MW-2	5/9/2003	<2,500	NA	<25	<25	<25	<50	4,000	<100	<100	<100	3,200	NA	NA	342.86	29.83	313.03
MW-2	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.45	312.41
MW-2	7/8/2003	<2,000	NA	<20	<20	<20	<40	2,800	<80	<80	<80	2,900	NA	NA	342.86	29.86	313.00
MW-2	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.33	312.53
MW-2	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.33	313.53
MW-2	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.98	312.88
MW-2	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.21	312.65
MW-2	10/3/2003	<2,000	NA	<20	<20	<20	<40	3,600	<80	<80	<80	3,000	NA	NA	342.86	30.43	312.43
MW-2	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.79	313.07
MW-2	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.00	312.86
MW-2	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.14	312.72
MW-2	1/6/2004	<5,000	NA	<50	<50	<50	<100	4,500	<200	<200	<200	1,900	NA	NA	342.86	30.05	312.81
MW-2	4/6/2004	<2,000	NA	<20	<20	<20	<40	4,600	NA	NA	NA	5,100	NA	NA	342.86	29.30	313.56
MW-2	7/30/2004	<500	NA	<5.0	<5.0	<5.0	<10	1,000	NA	NA	NA	950	NA	NA	342.86	28.80	314.06
MW-2	10/7/2004	<2,500	NA	<25	<25	<25	<50	6,300	NA	NA	NA	6,500	NA	NA	342.86	28.02	314.84
MW-2	1/26/2005	<1,300	NA	<13	<13	<13	<25	2,100	<50	<50	<50	2,300	NA	NA	342.86	33.12	309.74
MW-2	4/14/2005	<500	NA	<5.0	<5.0	<5.0	<5.0	2,400	NA	NA	NA	1,100	NA	NA	342.86	25.55	317.31
MW-2	7/29/2005	<2,500	NA	<25	<25	<25	<50	3,900	NA	NA	NA	1,500	NA	NA	342.86	25.98	316.88

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Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	10/20/2005	<2,500	NA	<25	<25	<25	<50	2,500	NA	NA	NA	480	NA	NA	342.86	25.91	316.95
MW-2	1/27/2006	2,410	NA	<0.500	<0.500	<0.500	<0.500	3,160	NA	NA	NA	97.0	NA	NA	342.86	24.40	318.46
MW-2	4/20/2006	<50.0	NA	<0.500	0.880	<0.500	1.16	278	NA	NA	NA	72.2	NA	NA	342.86	25.85	317.01
MW-2	7/12/2006	1,120	NA	<0.500	<0.500	<0.500	<0.500	1,100	NA	NA	NA	<10.0	NA	NA	342.86	21.72	321.14
MW-2	10/20/2006	690 c	NA	<0.50	<0.50	<0.50	<0.50	1,100	NA	NA	NA	<5.0	NA	NA	342.86	21.72	321.14
MW-2	1/22/2007	730	NA	<10	<10	<10	<10	990	<10	<10	<10	<400	NA	NA	342.86	21.13	321.73
MW-2	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	1,100	NA	NA	NA	40	NA	NA	342.86	20.35	322.51
MW-2	7/5/2007	360 g,h	NA	<5.0	<10	<10	<10	650	NA	NA	NA	<100	NA	NA	342.86	20.44	322.42
MW-2	10/26/2007	460 g,h	NA	<5.0	<10	<10	<10	690	NA	NA	NA	<100	NA	NA	342.86	19.94	322.92
MW-2	1/22/2008	250 g,h	NA	<5.0	<10	<10	<10	720	<20	<20	<20	<100	NA	NA	342.86	18.71	324.15
MW-2	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	15	NA	NA	NA	<10	NA	NA	342.86	18.50	324.36
MW-2	7/2/2008	620	NA	<2.5	<5.0	<5.0	<5.0	580	NA	NA	NA	<50	NA	NA	342.86	20.90	321.96
MW-2	10/27/2008	660	NA	<2.5	<5.0	<5.0	<5.0	440	NA	NA	NA	<50	NA	NA	342.86	21.41	321.45
MW-2	1/8/2009	320	NA	<2.5	<5.0	<5.0	<5.0	300	<10	<10	<10	<50	NA	NA	342.86	22.12	320.74
MW-2	4/22/2009	310	NA	<2.5	<5.0	<5.0	<5.0	260	NA	NA	NA	<50	NA	NA	342.86	21.02	321.84
MW-3	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.65	NA
MW-3	12/20/2002	<2,000	72	<20	<20	<20	<20	8,000	<20	<20	<20	1,500	NA	NA	NA	31.10	NA
MW-3	3/28/2003	<5,000	89	<50	<50	<50	<100	10,000	<200	<200	<200	6,100	NA	NA	342.23	30.76	311.47
MW-3	5/9/2003	11,000	NA	<100	<100	<100	<200	15,000	<400	<400	<400	9,300	NA	NA	342.23	30.04	312.19
MW-3	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	30.23	312.00
MW-3	7/8/2003	<10,000	NA	<100	<100	<100	<200	9,500	<400	<400	<400	2,500	NA	NA	342.23	30.11	312.12
MW-3	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.80	312.43
MW-3	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.94	312.29
MW-3	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	30.05	312.18
MW-3	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.95	312.28
MW-3	10/3/2003	<10,000	NA	<100	<100	<100	<200	8,800	<400	<400	<400	6,600	NA	NA	342.23	29.97	312.26
MW-3	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.97	312.26
MW-3	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.94	312.29

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Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.43	312.80
MW-3	1/6/2004	<5,000	NA	<50	<50	<50	<100	9,800	<200	<200	<200	3,800	NA	NA	342.23	29.25	312.98
MW-3	4/6/2004	<5,000	NA	<50	<50	<50	<100	4,200	NA	NA	NA	2,100	NA	NA	342.23	28.82	313.41
MW-3	7/30/2004	<2,500	NA	<25	<25	<25	<50	3,000	NA	NA	NA	1,200	NA	NA	342.23	28.73	313.50
MW-3	10/7/2004	<1,000	NA	<10	<10	<10	<20	860	NA	NA	NA	320	NA	NA	342.23	28.72	313.51
MW-3	1/26/2005	<500	NA	<5.0	<5.0	<5.0	<10	820	<20	<20	<20	250	NA	NA	342.23	26.50	315.73
MW-3	4/14/2005	<400	NA	<4.0	<4.0	<4.0	<4.0	2,200	NA	NA	NA	590	NA	NA	342.23	26.15	316.08
MW-3	7/29/2005	<2,500	NA	<25	<25	<25	<50	3,100	NA	NA	NA	1,700	NA	NA	342.23	25.50	316.73
MW-3	10/20/2005	<2,000	NA	<20	<20	<20	<40	1,700	NA	NA	NA	220	NA	NA	342.23	26.85	315.38
MW-3	1/27/2006	808	NA	<0.500	<0.500	<0.500	<0.500	736	NA	NA	NA	39.4	NA	NA	342.23	24.95	317.28
MW-3	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	364	NA	NA	NA	<10.0	NA	NA	342.23	21.51	320.72
MW-3	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	120	NA	NA	NA	<10.0	NA	NA	342.23	22.52	319.71
MW-3	10/20/2006	220 c	NA	<0.50	<0.50	<0.50	<0.50	260	NA	NA	NA	<5.0	NA	NA	342.23	22.01	320.22
MW-3	1/22/2007	290 d,e,f	NA	<2.5 d,f	<2.5 d,f	<2.5 d,f	<2.5 d,f	450 d,f	<2.5 d,f	<2.5 d,f	<2.5 d,f	<100 d,f	NA	NA	342.23	21.95	320.28
MW-3	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	340	NA	NA	NA	<10	NA	NA	342.23	20.31	321.92
MW-3	7/5/2007	120 g,h	NA	<1.0	<2.0	<2.0	<2.0	190	NA	NA	NA	<20	NA	NA	342.23	20.82	321.41
MW-3	10/26/2007	190 g,h	NA	<1.0	<2.0	<2.0	<2.0	340	NA	NA	NA	<20	NA	NA	342.23	21.40	320.83
MW-3	1/22/2008	140 g,h	NA	<1.0	<2.0	<2.0	<2.0	250	<4.0	<4.0	<4.0	<20	NA	NA	342.23	19.42	322.81
MW-3	4/11/2008	120	NA	<1.0	<2.0	<2.0	<2.0	86	NA	NA	NA	<20	NA	NA	342.23	20.90	321.33
MW-3	7/2/2008	150	NA	<0.50	<1.0	<1.0	<1.0	150	NA	NA	NA	<10	NA	NA	342.23	20.10	322.13
MW-3	10/27/2008	240	NA	<0.50	<1.0	<1.0	<1.0	180	NA	NA	NA	<10	NA	NA	342.23	22.18	320.05
MW-3	1/8/2009	160	NA	<1.0	<2.0	<2.0	<2.0	160	<4.0	<4.0	<4.0	<20	NA	NA	342.23	22.63	319.60
MW-3	4/22/2009	97	NA	<0.50	<1.0	<1.0	<1.0	98	NA	NA	NA	<10	NA	NA	342.23	21.50	320.73
MW-4	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.92	NA
MW-4	12/20/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	93	<2.0	<2.0	<2.0	<50	NA	NA	NA	32.20	NA
MW-4	3/28/2003	<50	67	<0.50	<0.50	<0.50	<1.0	2.4	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	32.07	311.37
MW-4	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	75	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	31.35	312.09
MW-4	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.42	312.02

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Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	18	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	31.42	312.02
MW-4	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24
MW-4	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.05	312.39
MW-4	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24
MW-4	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.15	312.29
MW-4	10/3/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	23	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	31.10	312.34
MW-4	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.14	312.30
MW-4	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	30.92	312.52
MW-4	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	30.82	312.62
MW-4	1/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	40	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	30.24	313.20
MW-4	4/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	16	NA	NA	NA	<5.0	NA	NA	343.44	30.10	313.34
MW-4	7/30/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	25	NA	NA	NA	<5.0	NA	NA	343.44	29.75	313.69
MW-4	10/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	35	NA	NA	NA	<5.0	NA	NA	343.44	29.79	313.65
MW-4	1/26/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	450	<10	<10	<10	43	NA	NA	343.44	27.60	315.84
MW-4	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	210	NA	NA	NA	<5.0	NA	NA	343.44	27.40	316.04
MW-4	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	57	NA	NA	NA	11	NA	NA	343.44	26.68	316.76
MW-4	10/20/2005	<50 a	NA	<0.50	<0.50	<0.50	<1.0	44	NA	NA	NA	<5.0	NA	NA	343.44	27.72	315.72
MW-4	1/27/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	98.4	NA	NA	NA	<10.0	NA	NA	343.44	28.90	314.54
MW-4	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	254	NA	NA	NA	<10.0	NA	NA	343.44	22.30	321.14
MW-4	7/12/2006	313	NA	<0.500	<0.500	<0.500	<0.500	358	NA	NA	NA	<10.0	NA	NA	343.44	23.54	319.90
MW-4	10/20/2006	450 c	NA	<0.50	<0.50	<0.50	<0.50	590	NA	NA	NA	<5.0	NA	NA	343.44	22.04	321.40
MW-4	1/22/2007	310	NA	<5.0	<5.0	<5.0	<5.0	410	<5.0	<5.0	<5.0	<200	NA	NA	343.44	22.93	320.51
MW-4	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	350	NA	NA	NA	<10	NA	NA	343.44	21.30	322.14
MW-4	7/5/2007	160 g,h	NA	<1.0	<2.0	<2.0	<2.0	260	NA	NA	NA	<20	NA	NA	343.44	22.00	321.44
MW-4	10/26/2007	150 g,h	NA	<1.0	<2.0	<2.0	<2.0	230	NA	NA	NA	<20	NA	NA	343.44	22.03	321.41
MW-4	1/22/2008	110 g,h	NA	<1.0	<2.0	<2.0	<2.0	180	<4.0	<4.0	<4.0	<20	NA	NA	343.44	20.70	322.74
MW-4	4/11/2008	150	NA	<0.50	<1.0	<1.0	<1.0	150	NA	NA	NA	<10	NA	NA	343.44	22.67	320.77
MW-4	7/2/2008	120	NA	<0.50	<1.0	<1.0	<1.0	120	NA	NA	NA	<10	NA	NA	343.44	20.76	322.68
MW-4	10/27/2008	140	NA	<0.50	<1.0	<1.0	<1.0	93	NA	NA	NA	<10	NA	NA	343.44	23.29	320.15

TABLE 1
HISTORICAL WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	1/8/2009	56	NA	<0.50	<1.0	<1.0	<1.0	48	<2.0	<2.0	<2.0	<10	NA	NA	343.44	23.91	319.53
MW-4	4/22/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	33	NA	NA	NA	<10	NA	NA	343.44	22.70	320.74
MW-5	2/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.88	26.83	314.05
MW-5	2/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	5.1	<2.0	<2.0	<2.0	<5.0	NA	NA	340.88	27.13	313.75
MW-5	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	26.44	314.44
MW-5	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	26.73	314.15
MW-5	10/20/2005	56	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	26.95	313.93
MW-5	1/27/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	340.88	26.15	314.73
MW-5	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	340.88	22.21	318.67
MW-5	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	340.88	23.72	317.16
MW-5	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	23.34	317.54
MW-5	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	NA	NA	340.88	22.65	318.23
MW-5	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	23.83	317.05
MW-5	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	21.19	319.69
MW-5	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	2.2	NA	NA	NA	<10	NA	NA	340.88	21.99	318.89
MW-5	1/22/2008	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	340.88	19.80	321.08
MW-5	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	22.38	318.50
MW-5	7/2/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	19.90	320.98
MW-5	10/27/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	22.50	318.38
MW-5	1/8/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	4.0	<2.0	<2.0	<2.0	<10	NA	NA	340.88	24.98	315.90
MW-5	4/22/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	12	NA	NA	NA	<10	NA	NA	340.88	23.10	317.78
MW-6	12/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.97	27.44	315.53
MW-6	12/7/2005	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.020	342.97	26.15	316.82
MW-6	1/27/2006	<50.0	230	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	342.97	24.95	318.02
MW-6	4/20/2006	<50.0	<50.0 b	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	342.97	23.51	319.46
MW-6	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	342.97	23.92	319.05
MW-6	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	342.97	24.02	318.95

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6750 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-6	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	NA	NA	342.97	23.54	319.43
MW-6	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	23.06	319.91
MW-6	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	21.85	321.12
MW-6	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	22.45	320.52
MW-6	1/22/2008	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	342.97	21.72	321.25
MW-6	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	23.10	319.87
MW-6	7/2/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	21.62	321.35
MW-6	10/27/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	23.70	319.27
MW-6	1/8/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	342.97	24.73	318.24
MW-6	4/22/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	23.33	319.64
MW-7	12/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.21	27.48	313.73
MW-7	12/7/2005	<50	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.020	341.21	27.29	313.92
MW-7	1/27/2006	<50.0	<100	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	341.21	25.10	316.11
MW-7	4/20/2006	<50.0	<48.7 b	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	341.21	22.71	318.50
MW-7	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	341.21	23.40	317.81
MW-7	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	341.21	23.63	317.58
MW-7	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	NA	NA	341.21	22.68	318.53
MW-7	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	24.51	316.70
MW-7	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	21.40	319.81
MW-7	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	21.72	319.49
MW-7	1/22/2008	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	341.21	20.36	320.85
MW-7	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	21.83	319.38
MW-7	7/2/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	19.94	321.27
MW-7	10/27/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	22.90	318.31
MW-7	1/8/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	341.21	23.59	317.62
MW-7	4/22/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	22.09	319.12
ESLs[1]		**210**	**210**	**46.0**	**130**	**43**	**100**	**1,800**	**NA**	**NA**	**NA**	**18,000**	**200**	**150**			
ESLs[2]		**100**	**100**	**1.0**	**40**	**30**	**20**	**5.0**	**NA**	**NA**	**NA**	**12**	**0.5**	**0.05**			

TABLE 1
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Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

1 = Deep Soils where Groundwater is not a Current or Potential Source of Drinking Water

2 = Deep Soils where Groundwater is a Current or Potential Source of Drinking Water

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.

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 or Tertiary butanol, analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B

EDB = 1,2-Dibromoethane or Ethylene dibromide, analyzed by EPA Method 504.1

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

Notes:

a = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

b = Diesel with Silica gel clean-up.

c = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

d = The sample, as received, was not preserved in accordance to the referenced analytical method.

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Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

e = Hydrocarbon result partly due to individual peak(s) in quantitation range.

f = pH=5

g = Analyzed by EPA Method 8015B (M).

h = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Site surveyed November 22, 2002 by Mid Coast Engineers.

MW-5 surveyed January 31, 2005 by Mid Coast Engineers of Watsonville, CA.

Wells MW-6 and MW-7 surveyed December 19, 2005 by Mid Coast Engineers.

TABLE 2
HISTORICAL GRAB GROUNDATER DATA
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, California

Sample Designation	Date Sampled	Depth (feet)	TEPH (µg/l)	TPPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethlybenzene (µg/l)	Xylene (µg/l)	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	1,2-DCA (µg/l)
Tank Pit Samples														
T-2P - W	11/6/2002	14	55,000	7,300	210	1,100	81	900	11,000	NA	NA	NA	NA	NA
TP-W	11/6/2002	14	840	9,300	270	1,800	130	1,100	8,000	NA	NA	NA	NA	NA
CPT Borings														
CPT-1	12/18/2003	56	130	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
CPT-1	12/18/2003	70	300	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
CPT-2	12/19/2003	47	90	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
CPT-2	12/19/2003	80	<260	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
CPT-2	12/19/2003	98	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
CPT-3	12/18/2003.	46	<50	<50	<0.50	<0.50	<0.50	<1.0	18	<2.0	<2.0	<2.0	<5.0	NA
CPT-3	12/18/2003	72	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
CPT-3	12/18/2003	97	73	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	NA
Geoprobe Borings														
B-1	11/14/2005	NA	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50
B-4	11/14/2005	NA	<50	<50	<0.50	<0.50	<0.50	<1.0	**0.6**	<2.0	<2.0	<2.0	<5.0	<0.50
B-7	11/15/2005	NA	<50	<50	<0.50	<0.50	<0.50	<1.0	**140**	<2.0	<2.0	<2.0	**12**	<0.50
B-11	11/14/2005	NA	<50	<50	<0.50	<0.50	<0.50	<1.0	**4.5**	<2.0	<2.0	<2.0	<5.0	<0.50
ESLs[1]			**210**	**210**	**46.0**	**130**	**43**	**100**	**1,800**	**NA**	**NA**	**NA**	**18,000**	**200**
ESLs[2]			**100**	**100**	**1.0**	**40**	**30**	**20**	**5.0**	**NA**	**NA**	**NA**	**12**	**0.5**

1 = Deep Soils - Groundwater is not a Current or Potential Source of Drinking Water

2 = Deep Soils - Groundwater is a Current or Potential Source of Drinking Water

Notes:

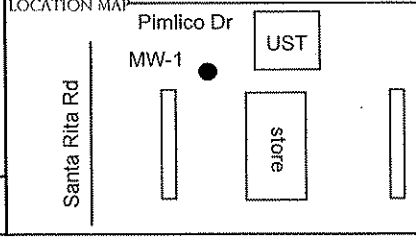
µg/l = micrograms per liter
TPPH = Total purgeable petroleum hydrocarbons as gasoline
TEPH = Total extractable petroleum hydrocarbon as diesel
MTBE = Methyl tert-butyl ether
DIPE = Diisopropyl ether
ETBE = Ethyl-t-butyl ether
TAME = Tert-amyl methyl ether
TBA = Tert-Butanol
1,2-DCA = 1,2-dichloroethane
NA = Not analyzed or Not Applicable
*Hydrocarbon reported is in the early diesel range, and does not match the laboratory's diesel standard
Historically, gasoline and diesel concentrations may have been reported as TPH-g and TPH-d (total petroleum hydrocarbons as gasoline or diesel).
These designations may represent slight differences in carbon ranges.

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd
DRILLER:	Gregg	DATE DRILLED:	10/8/2002
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	42.5'
CASING TYPE:	PVC	WELL DIAMETER:	2"
SLOT SIZE:	0.010	WELL DEPTH:	42'
GRAVEL PACK:	2-12	CASING STICKUP:	NA
ELEVATION		NORTHING	EASTING

BORING/WELL NO: MW-1
PAGE 1 OF 2

LOCATION MAP



Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Grout		Moist		Air Knifed	1			AF	Concrete ~ 5" thick
									Baserock: coarse rounded gravel 2-3"
			0.7					CL	**Sandy Lean CLAY**; medium grayish brown, low to medium
			5.9		2				plasticity, 30% fine sand, <10% fine gravel
								SC	**Clayey SAND**; dark-medium grey brown mottled with
					3				light brown, fine sand, low to medium plasticity, <15% fine
					4				gravel
					5				
					6				
					7				
					8				
				3	9			CH	**Fat CLAY**; medium to dark brown, soft, high plasticity
		damp	2.1	3					
				5	10				
					11				
					12				
					13				
				5	14				(stiff)
		damp	2.6	6					
				8	15				
					16				
					17				
					18				
				5	19				
		damp	1.9	8					
				10	20				
					21				
					22				

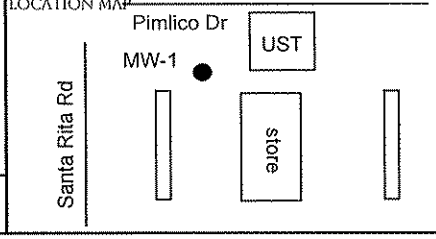
ATTACHMENT 6

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd
DRILLER:	Gregg	DATE DRILLED:	10/8/2002
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	42.5'
CASING TYPE:	PVC	WELL DIAMETER:	2"
SLOT SIZE:	0.010	WELL DEPTH:	42'
GRAVEL PACK:	2-12	CASING STICKUP:	NA
ELEVATION		NORTHING	EASTING

BORING/WELL NO: MW-1
PAGE 2 OF 2

LOCATION MAP



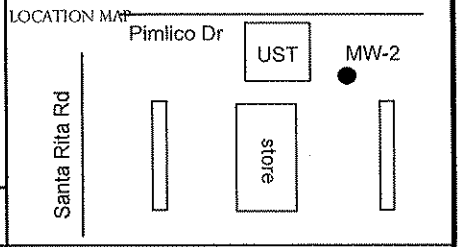
Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery / Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite					23		CH	continued
				5	24		SP	**Poorly Graded SAND**; medium brown, very fine grained,
		damp	4.2	7				loose
				9	25		CH	**Fat CLAY**; light brown, soft, high plasticity
					26			
					27			
					28			
				4	29			
		damp	1.6	5				
				6	30		SP	**Poorly Graded SAND**; medium brown, fine grained
	▽				31			
					32			
					33			
Sand		wet		4	34			
				6			SC/	**Clayey SAND** and **Fat CLAY**; alternating 6" layers,
				7	35		CH	(Clayey Sand is medium brown, 60% sand, 40%
				4				clay, fine to medium grained sand, moderate
				7	36			plasticity)
				13				(Fat Clay is medium brown, stiff, high plasticity)
				7	37			
				12				
				15	38		CH	**Fat CLAY**; medium brown, stiff, high plasticity
				5				
				9	39			
				10				
				5	40			
				6				(grades coarser, 5% fine grained sand)
				8	41			
		wet		6				(soft)
				8	42			
				11				(stiff)
					43			**BOTTOM OF BORING @ 42.5 ft**
					44			

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd
DRILLER:	Gregg	DATE DRILLED:	10/8/2002
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	42.5'
CASING TYPE:	PVC	WELL DIAMETER:	2"
SLOT SIZE:	0.010	WELL DEPTH:	42'
GRAVEL PACK:	2-12	CASING STICKUP:	NA
ELEVATION		NORTHING	EASTING

BORING/WELL NO: MW-2
PAGE 1 OF 2

LOCATION MAP



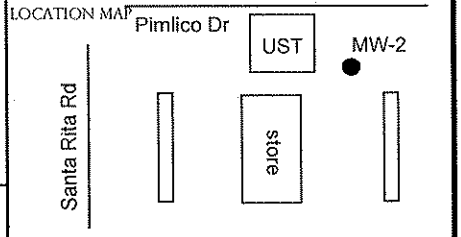
Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Grout								AF	Concrete 6" thick
									Baserock: 2" thick coarse gravel
		moist		Air Knifed	1			CL	**Lean CLAY with Sand**; dark yellow brown, 10%-20% fine
					2				sand, silty, medium plasticity
								SC	**Clayey SAND interbedded with Silt**, dark-medium
					3				yellow brown, 20-35% fine sand, low to medium plasticity
					4				
					5				
					6				
			0.7		7			CH	**Fat CLAY**; dark brown, plastic, soft
					8				
				3	9				
		damp	2.2	5					
				5	10				(stiff,slightly friable)
					11				
					12				
					13				
				3	14				(rare silt and gravel up to 1/4")
		damp	1.9	7					
				8	15				
					16				
					17				
					18				
				3	19				(orange-brown, stiff, rare medium grained sand)
		damp	18.0	5					
				7	20				
					21				
					22				

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd
DRILLER:	Gregg	DATE DRILLED:	10/8/2002
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	42.5'
CASING TYPE:	PVC	WELL DIAMETER:	2"
SLOT SIZE:	0.010	WELL DEPTH:	42'
GRAVEL PACK:	2-12	CASING STICKUP:	NA
ELEVATION		NORTHING	EASTING

BORING/WELL NO: MW-2

LOCATION MAP

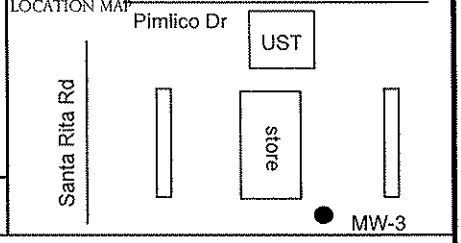


Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery / Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite					23		CH	cont.
		damp	3.6	2 4 6	24			
					25			
					26			
					27			
					28			
		damp	4.3	5 8 9	29		CH	**Fat CLAY**; medium to light brown, 70% clay, 30% silt, soft, friable, high plasticity
	▽				30			
					31			
					32			
					33			
Sand		wet		7 12 14	34			
				6 8 9	35		CH	**Gravelly Fat CLAY**; greenish brown, 70% clay, 30% 1/4" gravel
		wet		6 9 11	36			
				6 8 13	37			(grades finer, 10% 1/2" gravel, soft)
		wet		9 11 15	38		SP	**Clayey SAND**; medium brown with trace black and reddish grains, 70% sand, 30% clay, fine grained sand
				11 17 20	39			
					40			(2" clay interbed @ 40')
					41			
					42			(grades coarser, 80% fine sand)
					43			**BOTTOM OF BORING @ 42.5 ft**
					44			

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS	BORING/WELL NO:	MW-3
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd, Pleasonton, CA	PAGE	1 OF 2
DRILLER:	Gregg	DATE DRILLED:	10/9/2002		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"		
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	44.5'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010	WELL DEPTH:	44'		
GRAVEL PACK:	2-12	CASING STICKUP:	NA		
ELEVATION		NORTHING		EASTING	

LOCATION MAP



Well Completion: Backfill	Well Completion: Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
									AF	Concrete 6" thick
										Baserock 2": coarse rounded gravel
			moist			1			CL	**Sandy Lean CLAY**; dark gray to olive gray, 10-20% fine sand, 10-15% fine gravel, medium plasticity
						2				
						3				(alternating sandy clay and clayey sand)
						4				
						5				(clay becomes stiffer below 5')
						6				
			damp			7				
						8				
			damp		2	9			CH	**Fat CLAY**; uniform dark brown, soft, high plasticity
				2.2	3					
					4	10				
						11				
						12				
						13				
					3	14				(stiff)
			damp	4.6	6					
					8	15				
						16				
						17				
						18				
			damp		3	19				(10% grey-white course sand)
				20.1	4					
					6	20				
						21				
						22				

Cement Grout

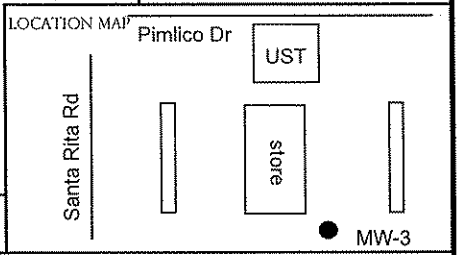
Air Knifed

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd, Pleasonton, CA
DRILLER:	Gregg	DATE DRILLED:	10/9/2002
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	44.5'
CASING TYPE:	PVC	WELL DIAMETER:	2"
SLOT SIZE:	0.010	WELL DEPTH:	44'
GRAVEL PACK:	2-12	CASING STICKUP:	NA
ELEVATION		NORTHING	EASTING

BORING/WELL NO: MW-3
PAGE 2 OF 2

LOCATION MAP



Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite					23			CH	cont.
				4					
		damp	2.0	6	24			SC	**Clayey SAND**; medium brown, 75% sand, 25% clay, fine
				11					grained, loose
					25				
					26				
					27				
					28				
				4				CH	**Sandy CLAY**; medium brown, 75% clay, 25% sand,
		damp	2.0	7	29				fine grained,soft
				8					
					30				
					31				
					32				
	▽				33				
		damp		5	34			CH	**Fat CLAY**; medium brown, soft, high plasticity
				6					
				7					
		damp		4	35				(trace greenish tint to clay)
				6					
				7	36				
		wet		4					
		damp		8	37				(stiff)
				10					
		wet		5	38				
				6					
				8	39				
		wet		4					
				6	40				
				7					(soft, no sand)
				6	41				
				8				SC	**Clayey SAND**; brown to orange brown with black grains,
				11	42				80% sand, 20% clay, fine grained
				7					
				11	43				(grades coarser, medium to coarse grained sand)
				15					
Sand					44				**BOTTOM OF BORING @ 44.5 ft**

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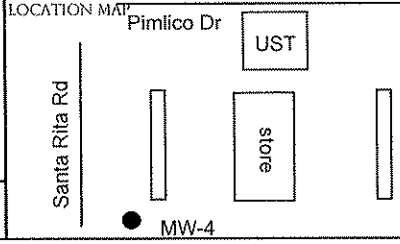
PROJECT NO:	C81-6750 Santa Rita	CLIENT:	Shell OPUS	BORING/WELL NO:	MW-4
LOGGED BY:	J. Pearson	LOCATION:	6750 Santa Rita Rd, Pleasonton, CA	PAGE	1 OF 2
DRILLER:	Gregg	DATE DRILLED:	10/9/2002		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8"		
SAMPLING METHOD:	Split Spoon	HOLE DEPTH:	44.5'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010	WELL DEPTH:	44'		
GRAVEL PACK:	2-12	CASING STICKUP:	NA		
ELEVATION		NORTHING		EASTING	

LOCATION MAP

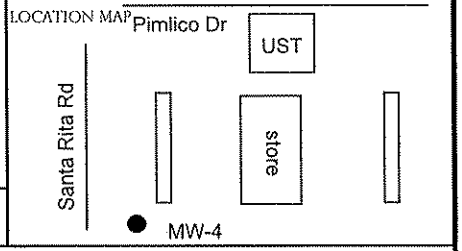


Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement Grout								AF	Concrete ~2" thick
									Fill ~8", well graded sand and gravel
		damp		Air Knifed	1			SW	**Well Graded SAND with Gravel**; brown, fine to coarse
					2				sand, ~30% gravel, up to 1.5"
		moist			3				
					4			CL	**Lean CLAY with Gravel**; dark brown, ~30% gravel,
		moist			5				moderate plasticity
					6				(grades finer, <10% gravel)
					7			CH	**Fat CLAY**; dark brown, soft, high plasticity
		damp			8				
				3	9				
		damp	1.6	4					(stiff)
				6	10				
					11				
					12				
					13				
		dry/		4	14				(moderate plasticiy)
		damp	1.5	5					
				8	15				
					16				
					17				
					18				
				5	19				(stiff, high plasticity)
		damp	2.6	7					
				14	20				
					21				
					22				

KHM
ENVIRONMENTAL MANAGEMENT INCORPORATED

PROJECT NO:	C81-6750 Santa Rita		CLIENT:	Shell OPUS	BORING/WELL NO: MW-4
LOGGED BY:	J. Pearson		LOCATION:	6750 Santa Rita Rd, Pleasonton, CA	PAGE 2 OF 2
DRILLER:	Gregg		DATE DRILLED:	10/9/2002	
DRILLING METHOD:	HSA		HOLE DIAMETER:	8"	
SAMPLING METHOD:	Split Spoon		HOLE DEPTH:	44.5'	
CASING TYPE:	PVC		WELL DIAMETER:	2"	
SLOT SIZE:	0.010		WELL DEPTH:	44'	
GRAVEL PACK:	2-12		CASING STICKUP:	NA	
ELEVATION		NORTHING		EASTING	

LOCATION MAP



Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonite					23				
				4	24			CH	cont.
		damp	0.6	6					(color change from light brown to dark brown at 24')
				7	25				
					26				
					27				
					28				
				4	29			SC	**Clayey SAND**; medium brown, 70% sand, 30% clay
		damp	0.1	5					fine grained, loose
				10	30				
					31				
					32				
					33				
				3	34			CH/	**Fat CLAY** and **Clayey SAND**; alternating 18" layers,
	▽	wet		4				SC	(Fat clay is brown with greenish mottling and slight
				4	35				FeO staining, soft, high plasticity)
				3					(Clayey sand is medium brown, 70% sand, 30%
				4	36				clay, fine grained, dense)
				6					
				3	37				
				3					
				5	38				
				3					
				4	39				
				6					
				6	40				
				8					(grades stiffer)
				8	41				
				3					
				5	42				
				6					
				5	43				
				7					
Sand				14	44				**BOTTOM OF BORING @ 44.5 ft**

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Rebecca Wolff	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	1/26/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Split Spoon	Hole Depth:	35'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.02	Well Depth:	32'	
Gravel Pack:	#3 Sand	Casing Stickup:	-	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout				Air Knifed	1			AF	Asphalt and base rock
								CL	**Lean CLAY**; gray, moderate plasticity
					2			CL	**Sandy Lean CLAY**; gray-brown, 25-35% medium grained sand
					3				
					4				
					5				
					6			CL	**Lean CLAY**; dark gray, high plasticity, trace coarse grained sand, no dilatancy
					7				
					8				
					9				
				7	10				(trace caliche, trace gravel, trace red mottling
		damp	0.2	8	11				small shells in clay)
				12					
					12				
					13				
				5	14				(root holes, <5% coarse grained sand,
		damp	0.2	9					trace 1/4" gravel, increased caliche)
				12	15				
					16				
					17				
					18				
				4	19				(dark brown, trace caliche, root holes, trace
		damp	0.6	5					gravel, trace sand, dark brown mottling
				10	20				
					21				
					22				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Rebecca Wolff	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	1/26/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Split Spoon	Hole Depth:	35'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.02	Well Depth:	32'	
Gravel Pack:	#3 Sand	Casing Stickup:	-	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout / Bentonite / Sand / Sand	▼				23			CL	continued (tan)
		damp	0.3	4 5 9	24 25			SP-SM CL	**SAND with Silt**; brown, coarse to very coarse sand, 5-15% silty fines **Lean CLAY**; tan-brown, 5-15% fine grained sand, some silty fines
					26 27 28				
		moist wet damp	0.1	10 17 20	29 30 31 32			SM	**Silty SAND**; brown, medium to fine grained sand (fining downward), 20-30% silt
					33				
		damp	0.1	3 4 5	34 35			CL	**Lean CLAY**; tan, 5-10% fine grained sand, medium plasticity Bottom of Boring at 35 ft
					36 37 38 39 40 41 42 43 44				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-6
Logged By:	Heather Buckingham	Location:	6700 Santa Rita Rd, Pleasanton	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	11/22/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Geoprobe	Hole Depth:	29'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.001	Well Depth:	29'	
Gravel Pack:	#2/12	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		dry	2.5	A/K + hand	1–7			CL	**Lean CLAY**: dark grey mottled with light grey; low to moderate plasticity; trace coarse grains of sand
		damp	1.5		7–11			CH	**Fat CLAY**: dark grey; high plasticity; trace coarse grains of sand
			1.1		11–20			CL	**Lean CLAY**: light brown mottled with orange; moderate plasticity (darker brown mottled with light grey)
			1.3		20–22			CL	**Sandy lean CLAY**: medium brown; 30-40% very fine grained sand (darker grey with light grey mottling) (lighter brown with orange mottling)

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-6
Logged By:	Heather Buckingham	Location:	6700 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	11/22/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Geoprobe	Hole Depth:	29'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.001	Well Depth:	29'	
Gravel Pack:	#2/12	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bentonit / San			4.3		23			CL	continued
					24			SP	**Poorly graded fine grained SAND**
					25				
					26			CL	**Lean CLAY**: light brown; moderate plasticity; trace coarse grained sand
					27				
					28			CL	**Sandy CLAY**: dark grey; 25-35% fine grained sand; moderate plasticity
					29				
			1.4		30			SC	**Clayey SAND**: tan; slight plasticity; ranges from 20 to 40% clay
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-7
Logged By:	Heather Buckingham	Location:	6700 Santa Rita Rd, Pleasanton	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	11/22/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Geoprobe	Hole Depth:	29'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.001	Well Depth:	29'	
Gravel Pack:	#2/12	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	2-3" of asphalt
		dry		A/K and hand auger	1			CL	**Lean CLAY with sand**: dark grey; low plasticity 15-25% fine grained sand
					2				
					3				
					4				
		damp	2.3		5				(same as above, low to moderate plasticity; roots)
					6				
					7				(same as above, light grey mottling; mod. plasticity)
					8				
					9				
			1.4		10				(same as above, brown mottling, ~10% fine grained sand)
					11				
					12				
					13				
					14				
			1.8		15				
					16			CL	**Sandy Lean CLAY**, medium brown, moderate plasticity, 25-35% very fine grained sand
					17			CL	**Lean CLAY with sand**, same as above, medium brown mottled with light grey
					18				
					19				
			1.4		20				
Bentonite					21				
					22				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-7
Logged By:	Heather Buckingham	Location:	6700 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	11/22/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Geoprobe	Hole Depth:	29'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.001	Well Depth:	29'	
Gravel Pack:	#2/12	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

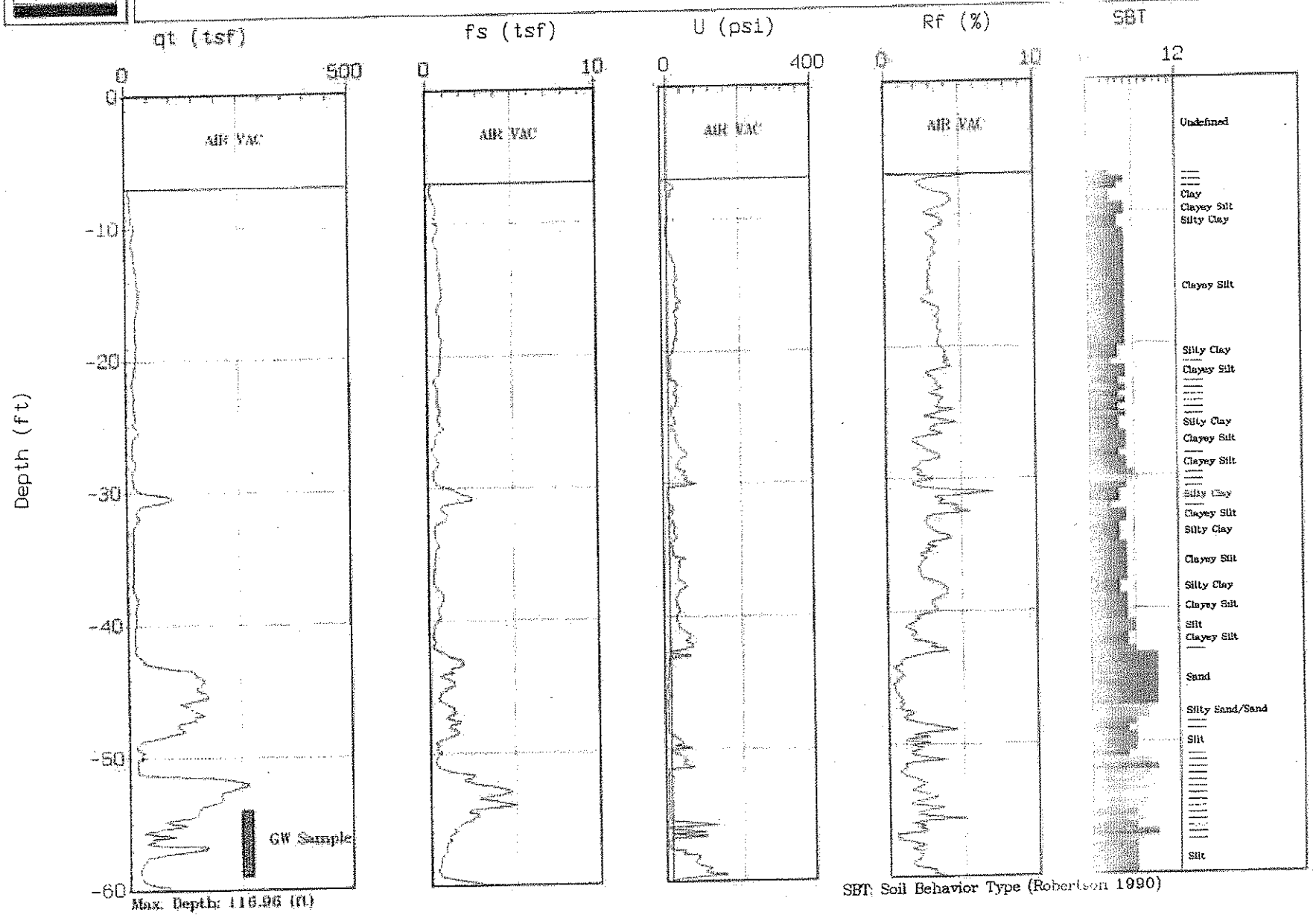
Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
					23				Same as above
					24			SC	**Clayey SAND**, medium brown, slight plasticity; 25-35% clay; very fine grained sand
			1.6		25				
					26			CL	**Sandy CLAY**, light brown; 30-40% fine grained sand, moderate plasticity
San		moist			27				
					28				
					29				
			1.8		30			CL	**Lean CLAY** as above
					31				
					32				Terminate GeoProbe boring
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

GREGG

DELTA

Site : 6750 SANTA RITA
Location : CPT-01

Geologist : D. ARNOLD
Date : 12:18:03 08:33



Max. Depth: 116.96 (ft)

Depth Inc.: 0.164 (ft)

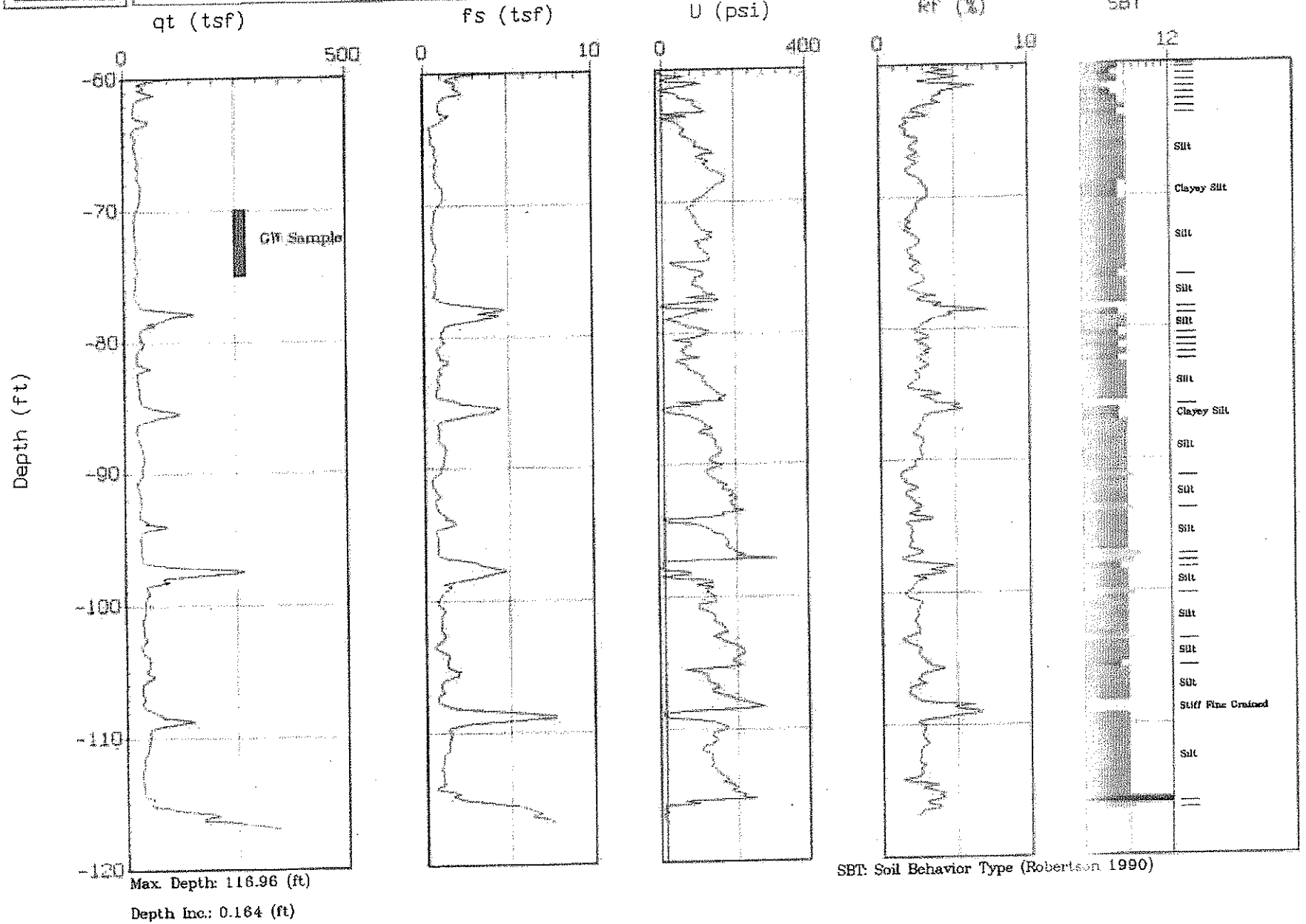
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA

Site : 6750 SANTA RITA
Location : CPT-01

Geologist : D. ARNOLD
Date : 12:13:03 08:33



Max. Depth: 116.96 (ft)

Depth Inc.: 0.164 (ft)

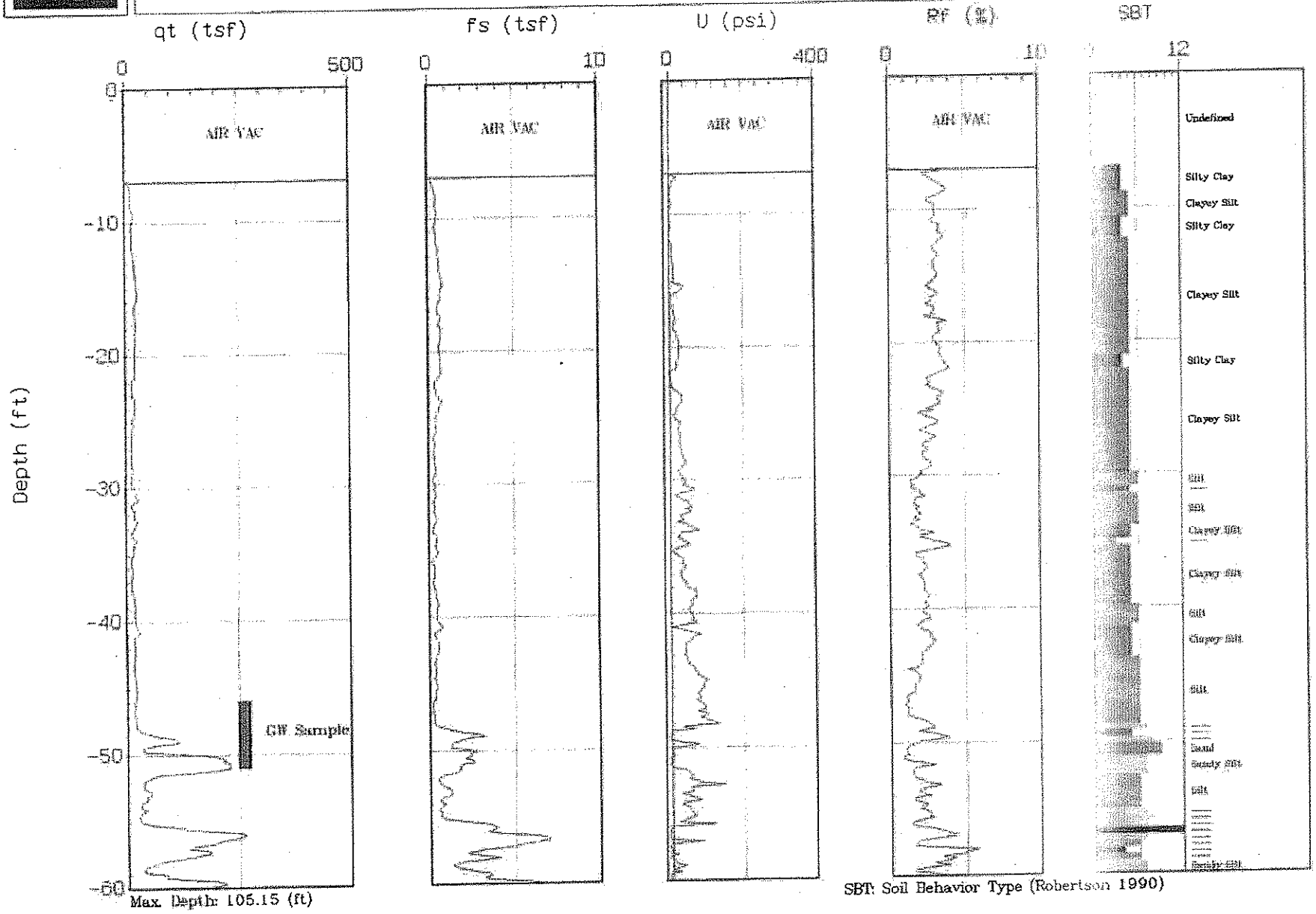
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA

Site : 6750 SANTA RITA
Location : CPT-02

Geologist : D. ARNOLD
Date : 12:19:03 09:54



Max. Depth: 105.15 (ft)

Depth Inc.: 0.164 (ft)

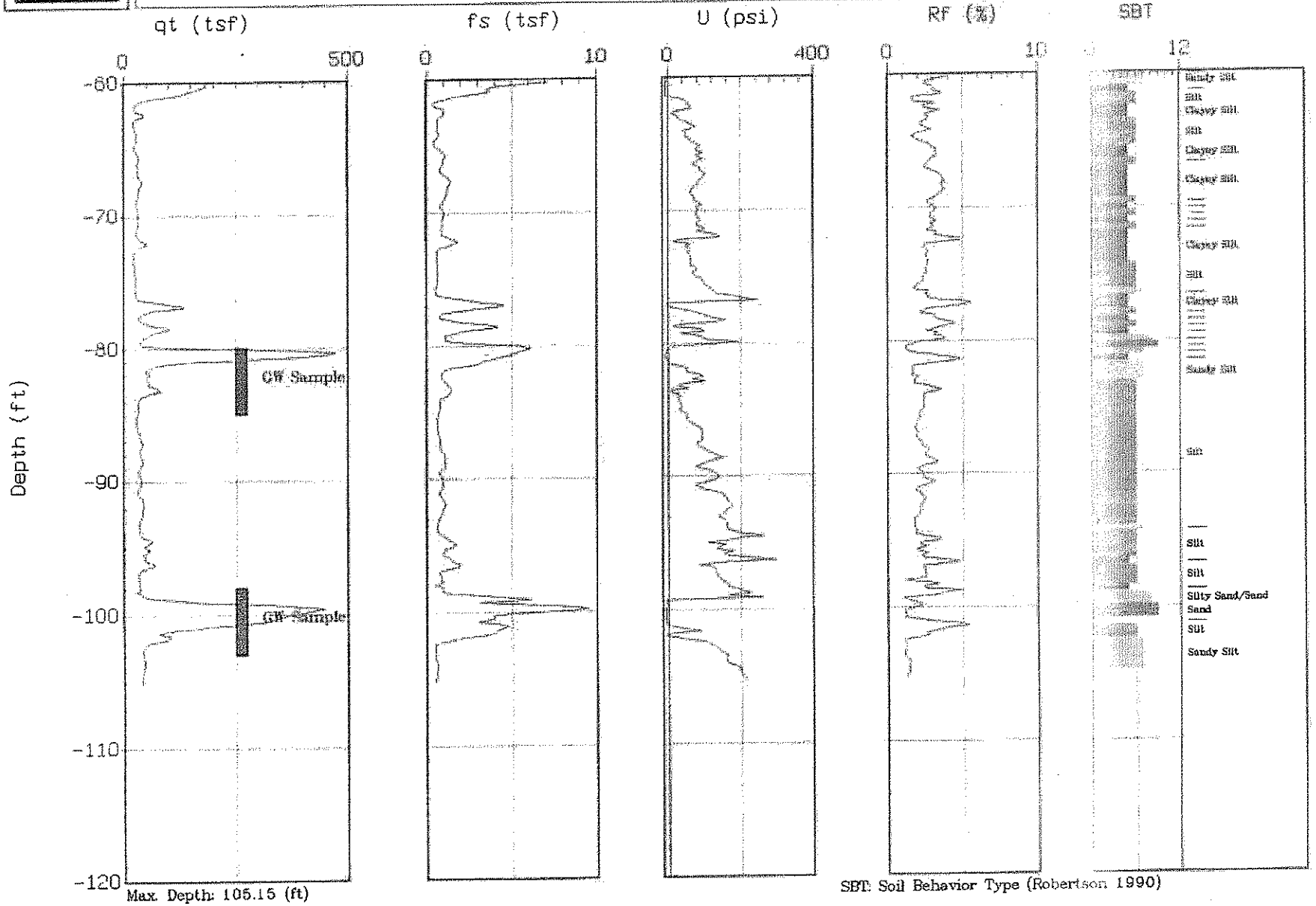
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA

Site : 6750 SANTA RITA
Location : CPT-02

Geologist : D. ARNOLD
Date : 12:19:03 09:54



Max. Depth: 105.15 (ft)

Depth Inc.: 0.164 (ft)

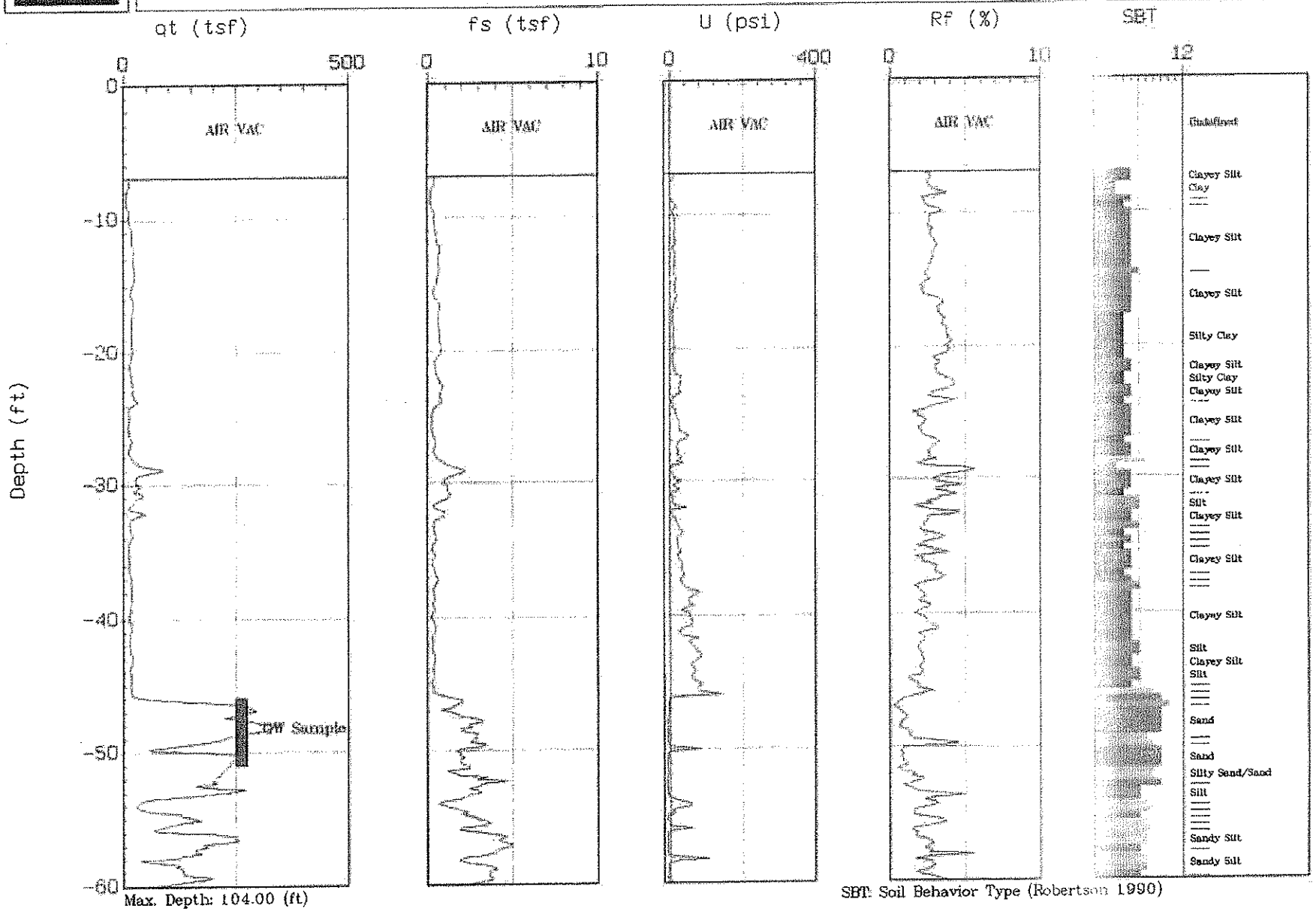
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA

Site : 6750 SANTA RITA
Location : CPT-03

Geologist : D. ARNOLD
Date : 12:18:03 14:13



Max. Depth: 104.00 (ft)

Depth Inc.: 0.164 (ft)

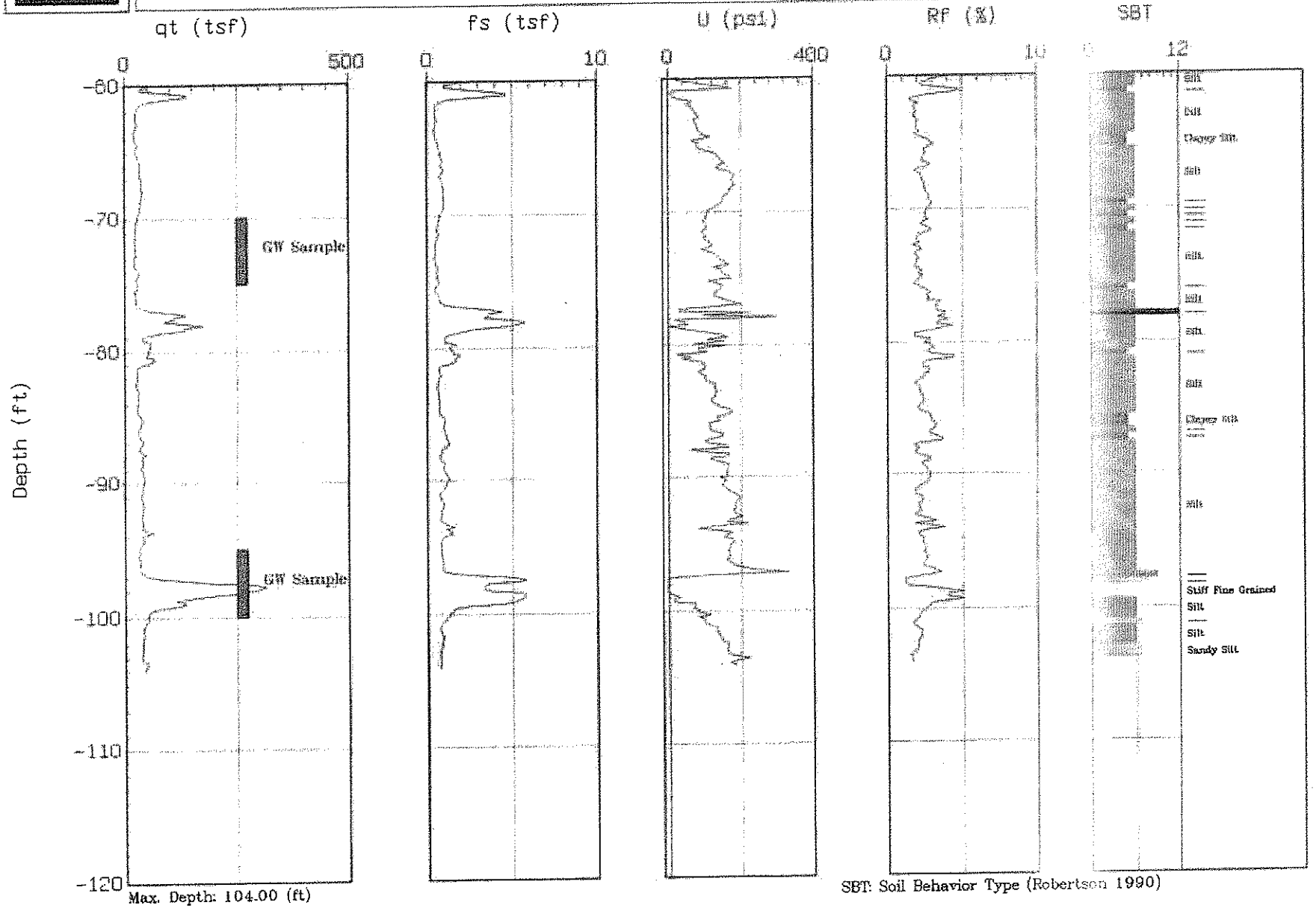
SBT: Soil Behavior Type (Robertson 1990)

GREGG

DELTA

Site : 6750 SANTA RITA
Location : CPT-03

Geologist : D. ARNOLD
Date : 12:18:03 14:13



Max. Depth: 104.00 (ft)

Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-1
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	11/14/2005	Location Map
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map
Sampling Method:	Geoprobe	Hole Depth:	45'	
Casing Type:	N/A	Well Diameter:	N/A	
Slot Size:	N/A	Well Depth:	N/A	
Gravel Pack:	N/A	Casing Stickup:	N/A	
Elevation		Northing		Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~8" of concrete; ~3-4" base rock
		damp		Hand Augered	1-4			CL	**Sandy Lean CLAY:** dark grey, 30-40% medium grained sand; low plasticity
		damp	0.1		5-7			CL	**Lean CLAY wih sand:** medium brown, 10-15% fine grained sand; low to moderate plasticity
		moist			8-12			CL	**Sandy Lean CLAY: s**ame as above, traces of coarse grained sand
			0.8		10				
		moist	0.1		13-15			CL	**Sandy Lean CLAY:** dark brown with grey mottling, moderate plasticity, 20-30% fine grained sand
		wet			16			CL	**Lean CLAY with sand:** same as above, orange mottling
		damp			17-19			CL	**Sandy Lean CLAY:** same as above, 25-35% sand
			0.1		20-22				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-1
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	11/14/2005	
Drilling Method:	HSA	Hole Diameter:	2-3"	
Sampling Method:	Geoprobe	Hole Depth:	45'	
Casing Type:	N/A	Well Diameter:	N/A	
Slot Size:	N/A	Well Depth:	N/A	
Gravel Pack:	N/A	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		moist	0.1		23			CL	**Lean CLAY:** tan with orange mottling, trace coarse grained sand
					24				
					25				
		wet			26			SP	**Poorly graded medium grained SAND:** medium brown, 10% fines
		moist			27			CL	**Lean CLAY:** same as above. trace coarse grained sand
					28			CL	**Sandy Lean CLAY:** tan, 45-50% fine grained sand; low to moderate plasticity
		wet			29				
			0.1		30			SP	**Poorly graded medium grained SAND:** same as above
					31			CL	**Sandy lean CLAY:** same as above
					32			SC	**Clayey SAND:** tan, ~20-30% clay; fine grained poorly graded sand, slight plasticity
					33			CL	**Lean CLAY:** same as above
								CL	**Sandy Lean CLAY:** same as above, medium grained sand, poorly graded
					34				
					35			SP	**Poorly graded medium grained SAND:** same as above
			0.1		36			SC	**Clayey SAND:** same as above
					37			CL	**Sandy Lean CLAY:** same as above
					38			CL	**Lean CLAY:** same as above
					39				
					40			SP	**Fine to Medium Grained SAND:** poorly graded, medium brown, 10-20% clay
			0.1		41				
					42				
					43				
					44				
					45				Boring terminated @ 45 feet below grade

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-2	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2	
Driller:	Gregg Drilling	Date Drilled:	11/16/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	25'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					1			AF	~8" of concrete; 2-3" base rock
		damp		Hand Augered	2				
					3			CL	**Lean CLAY with gravels:** medium brown, ~15-20% gravel 3/4" in size, moderate plasticity
					4				
		damp	0.1		5				
					6			CL	
					7				**Lean CLAY:** dark brown, trace fine grained sand, moderate to high plasticity
		moist			8				
					9				(same as above, color change to dark grey)
		damp	0.1		10			CL	**Lean CLAY with sand:** medium brown with orange mottling; 15-25% fine grained sand, moderate plasticity
					11				
					12				
					13			CL	**Lean CLAY:** same as above, brownish grey with light grey mottling
					14				
			0.1		15				
					16				
					17				
					18				
					19				
			0.1		20				
					21			SW	**Fine grained poorly graded SAND:** tan, ≤10% fines
					22			CL	**Lean CLAY:** same as above, tan

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-2	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2	
Driller:	Gregg Drilling	Date Drilled:	11/16/2005	Location Map	
Drilling Method:	HSA	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	25'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					23			CL	**Lean CLAY** (Continued)
					24				
		wet	0.1		25				Boring terminated @ 25 feet below grade
					26				
					27				
					28				
					29				
					30				
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				
					45				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-3	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 1	
Driller:	Gregg Drilling	Date Drilled:	11/15/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	20'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					0			AF	~8" of concrete; 2-3" base rock
		dry		Hand Augered	1				
					2			CL	**Sandy Lean CLAY:** medium brown, 30-40% sand (medium grained), low plasticity
					3				
					4				
			0.1		5				(same as above, moderate plasticity)
					6				
					7				
		damp			8			CL	**Lean CLAY:** dark grey, moderate to high plasticity, trace fine grained sand.
					9				
			0.1		10				
					11				
					12			CL	**Lean CLAY with sand:** dark grey with light grey mottling, 15-25% fine grained sand, moderate to high plasticity
					13				
					14				
			0.1		15				
					16				
					17				
					18				
					19				
			0.1		20				
					21				
					22				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-3
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	11/16/2005	Location Map
Drilling Method:	HSA	Hole Diameter:	2-3"	Please see site map
Sampling Method:	Geoprobe	Hole Depth:	25'	
Casing Type:	N/A	Well Diameter:	N/A	
Slot Size:	N/A	Well Depth:	N/A	
Gravel Pack:	N/A	Casing Stickup:	N/A	
Elevation		Northing		Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					23			CL	Continued
					24				
		wet	0.1		25				Boring terminated @ 25 feet below grade
					26				
					27				
					28				
					29				
					30				
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				
					45				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-4	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2	
Driller:	Gregg Drilling	Date Drilled:	11/14/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	45'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~7" of concrete; 2-3" base rock
		dry		A/K Hand Augered	1				
					2			CL	**Sandy Lean CLAY:** medium brown, low plasticity, 30-40% medium grained sand
					3				
					4				
		dry	0.1		5			CL	**Lean CLAY:** medium brown, low to medium plasticity, trace fine grained sand
					6				
		moist			7				(Same as above, dark brown)
		wet			8				
					9				
					10				
					11				
					12				
		damp			13				
					14				
			0.1		15				
					16				
					17				(Same as above, trace coarse grained sand)
					18				
					19				
			0.1		20				
		moist			21			CL	**Lean CLAY with sand:** light brown, 15-25% fine grained sand, moderate plasticity
					22			CL	

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-4
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	11/14/2005	Location Map
Drilling Method:	HSA	Hole Diameter:	2-3"	Please see site map
Sampling Method:	Geoprobe	Hole Depth:	45'	
Casing Type:	N/A	Well Diameter:	N/A	
Slot Size:	N/A	Well Depth:	N/A	
Gravel Pack:	N/A	Casing Stickup:	N/A	
Elevation		Northing		Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		damp			23			CL	**Lean CLAY:** as above; trace snads, moderate to high plasticity
					24				
			0.1		25				
					26				(same as above, tan)
					27				
		moist			28				**Clayey SAND:** tan, poorly graded, very fine grained, 30-40% clay, slight plasticity
					29			SC	
					30			CL	**Sandy CLAY:** tan, 25-35% fine grained sand moderate plasticity
			0.1		31			SC	**Clayey SAND:** same as above
		wet			32				
					33				
					34				
			0.1		35				
					36				
					37			SP	**Poorly graded medium grained SAND**
					38				
					39				
			0.1		40				
					41				
					42				
					43				
					44				
			0.1		45				Boring terminated @ 45 feet below grade

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-5	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 1	
Driller:	Gregg Drilling	Date Drilled:	11/16/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	16'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~7" of concrete; 2-3" base rock
		damp		A/K & Hand Auger	1–2			CL	**Sandy Lean CLAY:** medium brown, slight to low plasticity, 30-40% medium grained sand
		damp	0.1		3–5			SC	**Clayey SAND:** tannish, slight plasticity, 40-45% clay, 55-60% fine grained poorly graded sand
		moist	0.1		6–8			CL	**Lean CLAY:** dark brown, trace fine grained sands, moderate to high plasticity
					9–11			CL	**Sandy CLAY:** tan, 20-30% fine grained sand, moderate plasticity
			0.1		12–15			CL	**Lean CLAY:** dark brown, moderate to high plasticity, trace fine grained sand
					16				Boring terminated @ 16 feet below grade
					17–22				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-6	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 1	
Driller:	Gregg Drilling	Date Drilled:	11/15/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	15'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								AF	~8" of concrete; 2-3" base rock
		damp		A/K & Hand Auger	1–2			CL	**Sandy Lean CLAY:** medium brown, 30-40% medium grained sand, low plasticity
		damp	0.1		3–5			CL	**Lean CLAY with sand:** tannish brown, 15-25% fine grained sand, moderate plasticity
Grout		moist	0.1		6–12				
			0.1		13–15			CL	**Lean CLAY:** dark brown, trace coarse sand, moderate to high plasticity Boring terminated @ 15 feet below grade
					16–22				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-7
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	11/15/2005	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	
Sampling Method:	Geoprobe	Hole Depth:	45'	
Casing Type:	N/A	Well Diameter:	N/A	
Slot Size:	N/A	Well Depth:	N/A	
Gravel Pack:	N/A	Casing Stickup:	N/A	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~8" of concrete; 2-3" base rock
		moist		Hand Augered	2			CL	**Sandy Lean CLAY:** dark brownish grey, 25-30% medium grained sand, low to moderate plasticity
		damp	0.1		5			CL	**Lean CLAY:** dark brownish grey, trace fine grained sand, moderate plasticity
		moist	0.4		11			CL	(same as above, medium brown)
		damp	0.1		17			CL	**Lean CLAY with sand:** dark brown, 10-20% fine to medium grained sand, moderate plasticity
			0.1		22			CL	**Sandy Lean CLAY**; dark brown, 25-35% medium grained sand, moderate plasticity

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-7	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2	
Driller:	Gregg Drilling	Date Drilled:	11/15/2005	Location Map	
Drilling Method:	HSA	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	45'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout		damp			23			CL	**Sandy Lean CLAY:** (Continued) same as above, tan
					24				
					25				
			0.1		26			CL	**Lean CLAY:** same as above, tan, moderate plasticity, trace coarse grained sand
					27				
		moist			28				
					29				
					30			CL	**Sandy CLAY:** tan, 35-45% sand, low plasticity
			0.1		31				
					32			SC	**Clayey SAND:** 20-30% clay, fine grained sand poorly graded, slight plasticity
		wet			33			CL	**Lean CLAY:** same as above
					34			SW	**Well Graded SAND:** tan, medium grained, trace fines
					35				
			0.1		36			CL	**Lean CLAY with sand:** tan, 15-20% clay, low to moderate plasticity
					37				
					38				
					39			SC	**Clayey SAND:** light brown, fine grained poorly graded, slight plasticity
			0.1		40				
					41			CL	**Sandy CLAY:** light brown, 25-35% fine grained sand, low to moderate plasticity
					42				
					43			SC	**Fine grained SAND with clay:** tan, 10-20% clay, poorly graded, slight plasticity, fine grained sand
					44				
			0.1		45				Boring terminated @ 45 feet below grade

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-8	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 1	
Driller:	Gregg Drilling	Date Drilled:	11/15/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	16'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~8" of concrete; 2-3" base rock
		moist		Hand Augered	1			GC	**Clayey GRAVEL:** brown well-graded gravel, 30-40% clay
					2				
					3				
					4				
		damp	0.1		5			CL	**Lean CLAY with sand:** brownish grey, trace gravels low plasticity
					6				
					7				
					8				
					9				
			0.1		10				
					11				(same as above, no trace gravels)
		moist			12			CH	**Fat CLAY:** dark grey mottled with light grey, trace fine grained sands
		damp			13				
					14				
					15				
			0.1		16				Boring finished @ 16 feet below grade
					17				
					18				
					19				
					20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-9	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 1	
Driller:	Gregg Drilling	Date Drilled:	11/16/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	16'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					0			AF	~8" of concrete; 2-3" base rock
		dry		Hand Augered	1			SC	**Clayey SAND:** tan, slight plasticity, well graded sand, trace gravels up to 1"
					2				
					3				
					4			CL	**Lean CLAY:** dark grey, low to moderate plasticity, trace gravels up to 3/4"
			0.1		5				
					6				
					7				
		damp			8				
					9				
			0.1		10				
					11				(same as above, no trace gravels, moderate to high platicity)
		damp			12			CL	**Lean CLAY:** medium brown, moderate plasticity, ≤10% fine grained sand
					13				
					14				
			0.1		15				Boring terminated @ 16 feet below grade
					16				
					17				
					18				
					19				
					20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-10	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 1	
Driller:	Gregg Drilling	Date Drilled:	11/16/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	16'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~8" of concrete; 2-3" base rock
		damp		Hand Augered	1				
					2			CL	**Lean CLAY with sand:** medium brown, moderate plasticity, 15-20% medium grained sand, trace gravels ~3/4"
					3				
					4				
			0.1		5				(same as above, dark grey)
					6				
					7				
					8				
					9				
			0.1		10				(same as above, mottled with light grey)
					11				
					12				
					13				
					14				
			0.1		15				
					16				Boring terminated @ 16 feet below grade
					17				
					18				
					19				
					20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-11	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2	
Driller:	Gregg Drilling	Date Drilled:	11/14/2005	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	45'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout								AF	~8" of concrete; 2-3" base rock
		damp		A/K Hand Augered	1				
					2			CL	**Sandy Lean CLAY:** dark brown, low plasticity, 30-40% medium grained sand
					3				
					4				
			0.1		5			CL	**Lean CLAY:** grey, moderate to high plasticity, trace fine grained sand
					6				
					7				
					8				
					9				
			0.1		10				
		damp			11				
		moist			12			CL	**Lean CLAY:** brown, trace gravles, moderate plasticity
		damp			13				
					14				
			0.1		15				
					16			CL	**Sandy CLAY:** brown mottled with light grey, 25-35% medium grained sand, moderate plasticity
					17			CL	**Lean CLAY with sand:** 15-25% fine to medium grained sand, moderate plasticity
					18				
					19				
			0.1		20				
					21				
					22				

Delta
Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: B-11	
Logged By:	Heather Buckingham	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2	
Driller:	Gregg Drilling	Date Drilled:	11/14/2005	Location Map	
Drilling Method:	HSA	Hole Diameter:	2-3"	Please see site map	
Sampling Method:	Geoprobe	Hole Depth:	45'		
Casing Type:	N/A	Well Diameter:	N/A		
Slot Size:	N/A	Well Depth:	N/A		
Gravel Pack:	N/A	Casing Stickup:	N/A		
Elevation		Northing		Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					23			SC	**Clayey SAND:** tan, fine grained poorly graded, 25-35% clay, slight plasticity
					24			CL	**Sandy CLAY:** tan, 35-45% fine grained sand, moderate plasticity
			1.3		25			SP	**Medium grained poorly graded SAND:** trace fines 5-15%
								CL	**Sandy CLAY:** same as above
					26			SP	**Medium grained poorly graded SAND:** same as above
								CL	**Sandy CLAY:** same as above
					27				
					28				
					29				
		moist	0.5		30			SP	**Poorly graded very fine grained SAND:** 10-15% fines
					31				
					32			CL	**Sandy CLAY:** same as above
					33				
									Poorly graded medium grained SAND: tan to medium
		wet			34			SP	brown, 10-15% fines
								CL	**Lean CLAY:** same as above
			1.8		35				
					36				
					37			SP	**Poorly graded medium grained SAND:** tan, trace gravels
					38				
					39				
					40				
			0.1		41				
					42				
					43				
					44				
					45			CL	**Sandy CLAY:** same as above
			0.1						Boring terminated @ 45 feet below grade