NESPONDED to 2/2/2000

99 NOV 16 PM 4: 15

FACSIMILE COVER SHEET

TO:

Amir Gholami

COMPANY:

Alameda County Health Gare Services Agency

ADDRESS:

DIV. Environmental Protection Dept. of Environmental Hom Envivone tect

Harborbay Britarry

PHONE:

and Floor 510-567-6876

Alameda

FAX:

510-337-9335

94502

FROM:

Dylan Crouse

COMPANY:

ENVIRONMENTAL RESOLUTIONS, INC.

PHONE:

(415) 382-4325

FAX:

(415) 382-1856

E-MAIL:

dcrouse@eri-us.com

DATE:

11-15-99

PAGES (Including Cover): 24

SUBJECT:

As you requested, here are the soil analytical results and samples locations for Tosco 76

Service Station 7176.

4104

COMMENTS: If you have any question please give me a call.

Thank You,

Dylan Crouse

********* TX REPORT *************

TRANSMISSION OK

TX/RX NO

3431

CONNECTION TEL

15103379335

SUBADDRESS CONNECTION ID

ST. TIME

11/11 11:27

USAGE T PGS. SENT 16'20 24

RESULT

OK

FACSIMILE COVER SHEET

TO:

Amir Gholami

COMPANY:

Alameda County Health Care Services

ADDRESS:

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FAX:

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Service Station 7176.

COMMENTS: If you have any question please give me a call.

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TABLE 1 SOIL ANALYTICAL DATA

7850 Amador Valley Road Dublin, California

					Dubin	i, Camo.			A STATE OF THE PARTY OF THE PAR	one Will will be	THE PARTY OF THE P	CSC III WHILE	Contract
FOURTH WEST ASSOCIATION	SAMPLE DEPTH	SAMPLE	ANALYSIS	TPH-D	TPH-G I	BENZENE (PPM)	TOLUENE (PPM)	ETHYL BENZENE (PPM)	(I I AAA)	TTLC LEAD (PPM) ND*	O&G (PPM)	8270 (PPB) ND	8240 (PPB) ND
NO.	(FEET)	DATE	DATE	(PPM)		ND	ND	ND	ND		ND	ND	ND
The same of the sa	8	11/8/94	11-9-94	ND	ND	ND	ND	ND	ND	7.1*			
IW-1	6	11/8/94	11-9-94	ND	ND	ND	ND	ND	ND	-	20	100	
IOW-1	3.5	11/8/94	11-9-94	ND	ND 100**	ND	ND	ND	0.13	-	-		-
T-1	3.5	11/8/94	11-9-94	1,300		0.017	0.25	0.097	0.56	()	75.1		-
JT-2	3.5	11/8/94	11-9-94	**	3.1	ND	26	36	300	SORRANDING RADIO	CHANGE CO.		門原業は
JT-3	3.5	11/8/94	11-9-94	AT 100 AT	2,200**	EL ND E	CONTRACTOR OF STREET	()	TO TO BUILD OF				
JT-4		0.1710/941	15124	25,000	7,10	ND	ND	ND	6,0000				100
JT-5 (CS)	ie	11/10/94	16.18.04	111	ND	ND		26	150				Market S
UT 6 (CS)	193	11/20/94	12/2/94	5000	1,300	ND	3.8	10	109111111111111111111111111111111111111				
(it.7 (CS)		130/30/94	67264	200	18014	ND	MU	ND	0.59				師師造
LTT-B (CS)		11/30/94	12/2/94	SiD	1817	SID	0,62	0.84	12				
(SD) (ETI)		11/30/04	12/2014		5 jaby #	ND	SD	0.014	0.128			MADE DE LA COMPANSION D	_
UT DICS		11,30794	112/2/94	ing water	學是	0.98	1.8	2.7	3.4	-	-	-	-
comman (dis		11/8/94	11-9-94	9,100	**	ND	ND	ND	0.011	-	100		
UX-1	14	11/8/94	11-9-94	ND		1.6	54	24	220	ND	-		-
UX-2	14	11/10/94	11-14-94		1,600		11	16	160	ND	-	22	-
UX-3	15.5	11/10/94		55.0	1,500**	0.021	0.022	0.030		**		-	-
UX-4	15.5	100	100 W 100 W		5.2**		0.067		0.40	177			
UX-5	15.5	11/10/94	0.4		11**	0.011	-	0.016	0.16		-	-	525
UX-6	15	11/10/9		-	2.8**	0.0062		2.1	21	ND	CONTRACTOR IN	ENGLISH.	BURNER
UX-7	15	11/10/9		-	150	0.22	20.07	TO A	THE OWNER				
UX-8	15	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW	THE PERSON NAMED IN COLUMN		410) 411	10	0.06		A STATE OF THE PARTY OF THE PAR				
UX-9 (C	9) (6	WENDSHIP TO		YOUR PLEASE TO SHE SHOW THE	10 3 A		(Mary 1997)	A ME U.S	ASSESSMENT OF THE PARTY OF THE	表 图 图 图			
UX-100	es) - 16			PROPERTY AND PERSONS ASSESSMENT OF THE PERSON AND PROPERTY AND PROPERT		NE.	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						
UXILL	CS: 1177			ALCOHOLD SECTION OF SHIP AND	等以								
UX-126	(cs)		MINERAL SERVICES							A Dalle		DAY 10 715	THE PERSON NAMED IN
UXLU	CSV., 15			ET MILE MILESTAN SON	* 210*	NE	0.7	Call Lineage					
UX 143	(cs)	17/14	ANS ELLER	Meller									

TABLE 1 SOIL ANALYTICAL DATA

7850 Amador Valley Road Dublin, California

CC.	= Confirmation Sample
CS	Total Petroleum Hydrocarbons calculated as Gasonne
TPH-G	= Total Petroleum Hydrocarbons calculated as Diesel
TPH-D	= Total Threshold Limit Concentration
TILC	
O&G	= Oil and Grease
8270	= Semi-Volatile Organics
8240	= Volatile Organics
PPM	= Parts Per Million
PPB	= Parts Per Billion
UW	= Waste Oil Excavation Sample Designation
UOW	= Sand/Water Separator Sample Designation
UT	= Trench Sample Designation
UX	= UST Excavation Sample Designation
*	- See Appendix A for remaining metals analytical data.
**	= Non Gas Mix and/or Weathered Gas
***	= Non Diesel Mix
Note:	Analyses designated as ND were reported as not detected. See analytical reports for detection limits.

TABLE 2 SOIL STOCKPILE ANALYTICAL DATA

7850 Amador Valley Road Dublin, California

		ANALYSIS	TPH-D	WITH THE PROPERTY OF THE PARTY OF THE PARTY.	IENZENE	TOLUENE (PPM)	ETHYL BENZENE (PPM)	XYLENES (PPM)	TTLC LEAD (PPM)	RCI	O&G (PPM)	8270 (PPB)	8240 (PPB
SAMPLE NO.	SAMPLE DATE	DATE	(PPM)	(PPM)	(PPM)		ND	ND	*	**	ND	ND	ND
WS-1A-D	11/9/94	11-14-94	ND	ND	ND	ND	ND	112					10-11
						0.054	0.072	0.63		**	5	-	
US-1A-D	11/9/94	11-10-94	33***		ND		0.0062	0.16	ND	-	385	-	-
US-2A-D	11/9/94	11-10-94	3.5***	2.3	ND	0.013	0.0002	4.3	ND	**	**	270	-
-	11/10/94	11-14-94	340	110****	ND	0.22		1.4	ND	-	+	200	
US-3A-D	11/10/94	11-11-94	58	54****	ND	ND	0.35	ND	90	_	+*		-
US-4A-D	11/10/94	11-11-94	27***	ND	ND	ND	ND	0.11	ND	-	(44)	-	
US-5A-D		11-11-94	46***	21****	ND	ND	ND		ND	-	-	-	1
US-6A-D	11/10/94	11-14-94	35***	140****	ND	ND	0.55	8.8	ND	***	-	220	77
US-7A-D	11/13/94	20-18	130	130****	ND	0.57	1.0	9.4		-	-		
US-8A-D	11/13/94	11-14-94	160***	160****	ND	1.7	1.8	15	ND		-	44	(1)()
US-9A-D	11/13/94			66****	ND	0.55	0.61	5.1	ND			-	-
US-10A-D	11/13/94		11***	79***	ND	0.71	0.85	8.5	ND	-	575		344
US-11A-D	11/13/94	11-14-94	13***		ND	0.69	0.78	18	ND				922
US-12A-I	11/13/94	11-14-94	29***	230****	ND	0.15	0.13	3.8	ND	-		-	122
US-13A-I	77.74	11-14-94	12***	50****		5.9	3.8	43	ND	-	-	- 5	
US-14A-I		12/7/94	24***	390****	ND	47	25	170	ND	-	-	-	
US-15A-	ent months and	12/7/94	21***	1,600****			ND	0.0053	ND				
US-16A-			3.6***	ND_	ND	ND	110						

TABLE 2 SOIL STOCKPILE ANALYTICAL DATA

7850 Amador Valley Road Dublin, California

TPH-G	= Total Petroleum Hydrocarbons calculated as Gasoline.
TPH-D	= Total Petroleum Hydrocarbons calculated as Diesel.
TILC	= Total Threshold Limiting Concentration
RCI	= Reactivity, Corrosivity and Ignitability.
O&G	= Oil and Grease.
8270	= Semi-Volatile Organics.
8240	= Volatile Organics.
PPM	= Parts Per Million
PPB	= Parts Per Billion
UWS	= Waste Oil Soil Stockpile Designation.
US	= Soil Stockpile Designation
*	= Reported as Soluble Threshold Limit Concentration for dissolved metals. See Appendix A for remaining metals analytical data.
**	= See Appendix A for analytical data.
***	= Non Diesel Mix
***	= Weathered Gasoline

Analyses designated as ND were reported as not detected. See analytical reports for detection limits.

Note:

TABLE 1 FIELD MONITORING DATA

7850 Amador Valley Boulevard Dublin, California

WELL NO.	MONT. DATE	CASING DIA. (IN.)	SCREENED INTERVAL (FBG)	WELL DEPTH (FT.)	WELL ELEV. (FT.)*	NORTHING	EASTING	IMMISCIBLES THICKNESS (FT.)	DEPTH TO WATER (FT.)	WATER ELEV. (FT.)**
U-1	8-Jul-95	2	10 - 30	30.00	355.62	4,952.716	3,991.469	0.00	12.59	343.03
U-2	8-Jul-95	2	10 - 30	30.00	356.59	4,949.906	3,907.966	0.00	12.68	343.91
U-3	8-Jul-95	2	10 - 30	30.00	358.13	4,838.422	3,890.009	0.00	14.58	343.55

NOTES:

FBG = Feet Below Grade

- * Well elevation calculated from top of casing (TOC) measurements.
- ** Static water elevations referenced to Mean Sea Level.

Survey benchmark was a brass disk in the top of the curb at the easterly return at the most easterly corner of the intersection of Amador Valley Boulevard and Starward Street, stamped "AM-STW 1977" (Elevation = 344.17').

TABLE 2

SOIL ANALYTICAL DATA 7850 Amador Valley Boulevard Dublin, California

SAMPLE NO.	DEPTH (FT.)	SAMPLE DATE	ANALYSIS DATE	TPH-D (PPM)	TPH-G (PPM)	BENZENE (PPM)	TOLUENE (PPM)	ETHYL BENZENE (PPM)	XYLENES (PPM)	TOTAL LEAD (PPM)
U-1-10.5	10.5	7/7/95	7/12/95	ND	ND	ND	ND	ND	ND	
U-1-18.5	18.5	7/7/95	7/12/95	25*	26**	0.041	0.053	0.56	2.2	
U-2-13	13	7/7/95	7/12/95	1.3*	ND	0.017	ND	0.071	ND	
U-2-17.5	17.5	7/7/95	7/12/95	12*	97**	ND	0.21	1.7	1.5	
U-3-17.5	17.5	7/7/95	7/12/95	ND	ND	ND	ND	ND	ND	
B-1-13	13	7/8/95	7/12/95	1.5*	ND	ND	ND	ND	ND	
B-1-18	18	7/8/95	7/12/95	1.0*	2.1	ND	ND	0.028	0.0088	
B-2-16	16	7/8/95	7/12/95	ND	ND	ND	ND	ND	ND	
B-3-11	11	7/8/95	7/12/95	ND	ND	ND	ND	ND	ND	
B-3-17	17	7/8/95	7/12/95	ND	ND	ND	ND	ND	ND	
B-4-11.5	11.5	7/8/95	7/12/95	ND	ND	ND	ND	ND	ND	
B-4-16	16	7/8/95	7/12/95	1.7*	ND	ND	ND	ND	ND	
B-5-14.5	14.5	7/8/95	7/12/95	ND	5.1**	0.13	0.020	0.29	0.12	
B-5-18	18	7/8/95	7/12/95	4.8*	59**	0.068	ND	0.84	0.98	
B-6-14.5	14.5	7/8/95	7/11/95	ND	4.9**	0.088	ND	0.099	0.22	(i)
B-6-19.5	19.5	7/8/95	7/12/95	10*	150**	0.21	3.0	3.2	19	
US-1A-D	20	7/8/95	7/12/95	3.3*	ND	ND	ND	ND	0.0060	8.3

TPH-D = Total Petroleum Hydrocarbons calculated as Diesel.

TPH-G = Total Petroleum Hydrocarbons calculated as Gasoline.

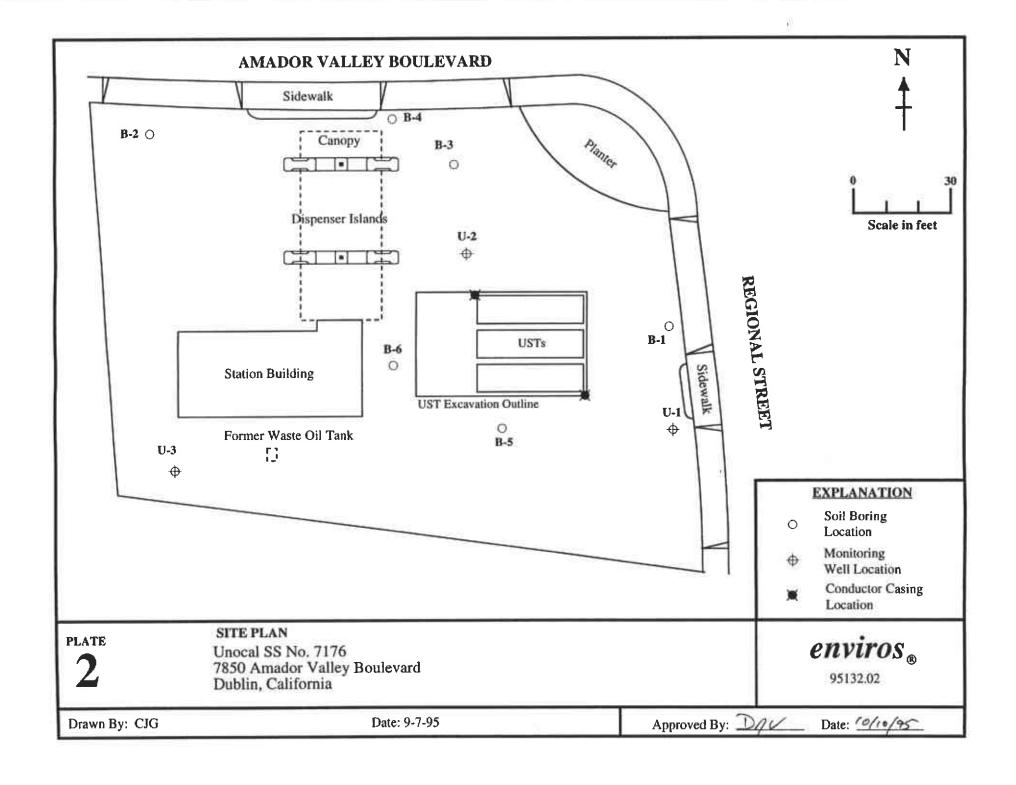
PPM = Parts Per Million.

= Soil Boring Designation U, B = Soil Stockpile Designation US

= Unidentified Hydrocarbon C9-C24

** = Weathered Gas C6-C12

All data reported as <x are shown as ND (non detected). See laboratory analytical reports for detection limits. Notes:

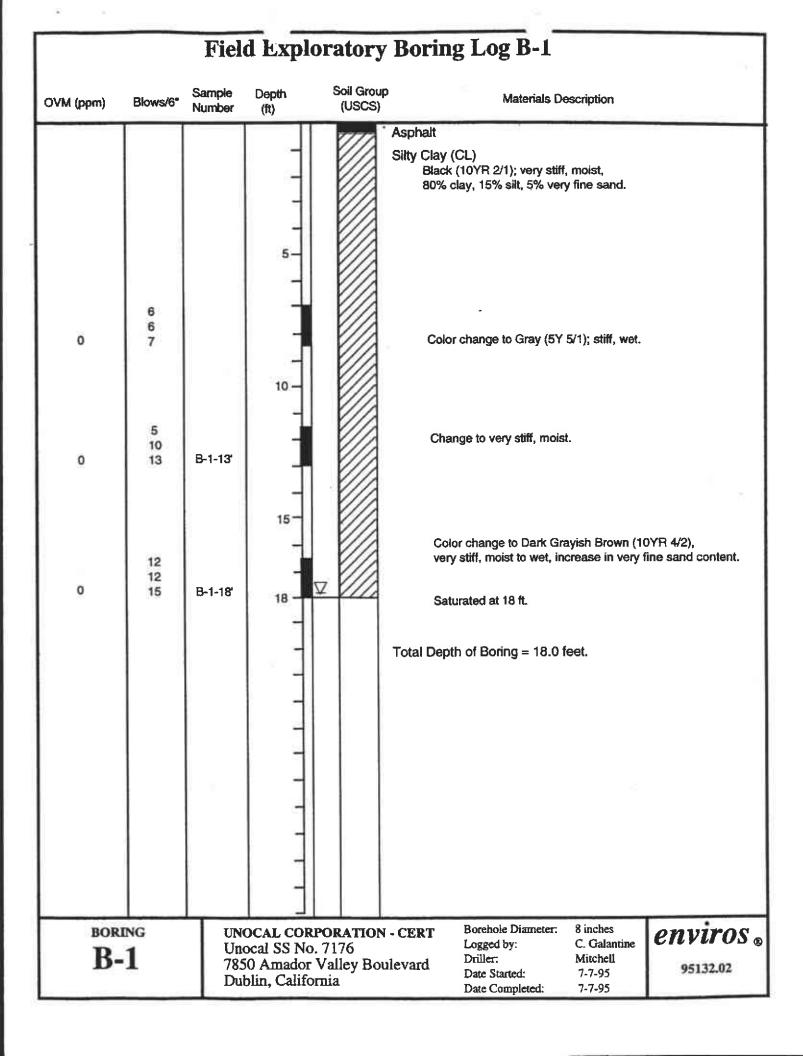


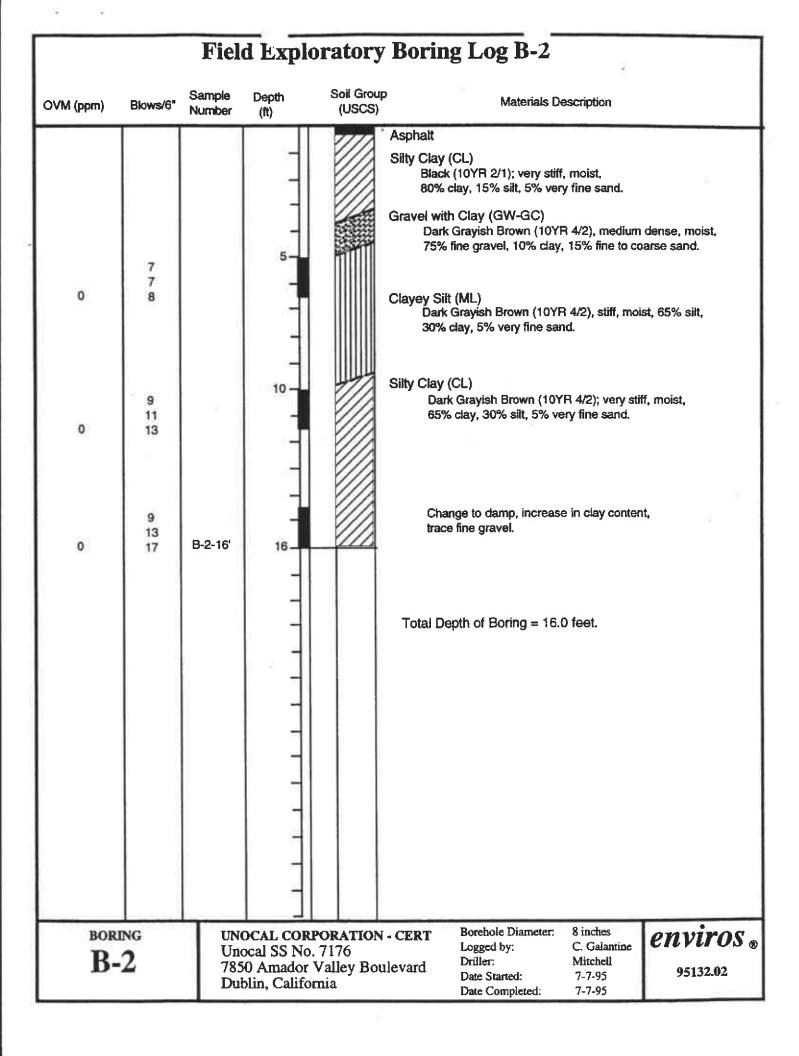
힏	MAJO	R DIVISIONS	USCS	SYMBOL	TYPICAL NAMES
COARSE-GRAINED SOILS MORE THAN HALF IS LARGER THAN 200 SIEVE	GRAVELS	Clean gravels with little	GW		Well-graded gravels, gravel-sand mixtures
OIL.	More than half	or no fines	GP		Poorly graded gravels, gravel-sand mixtures
COARSE-GRAINED SOILS THAN HALF IS LARGER THAN 20	larger than No. 4 sieve size	Gravels with appreciable	GM		Silty gravels, poorly graded gravel-sand-clay mixtures
RAIN		amounts of fines	GC		Clayey gravels, poorly graded gravel-sand-cla
SE-G	SANDS	Clean sands with little	sw		Well graded sands, gravelly sands
OAR!	More than half	or no fines	SP		Poorly graded sands, gravelly sands
CO ORE TO	smaller than No. 4 sieve size	Sands with appreciable	SM		Silty sands, poorly graded sand-silt mixtures
M		amounts of fines	sc		Clayey sands, poorly graded sand-silt mixtures
LER			ML		Inorganic silts and very fine sands. Rock flour, silty or clayey fine sands or clayey silts with slight plasticity
FINE-GRAINED SOILS MORE THAN HALF IS SMALLER THAN NO. 200 SIEVE		s and clays imit 50% or less	CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
INE-GRAINED SO E THAN HALF IS SM. THAN NO. 200 SIEVE			OL		Organic clays and organic silty clays of low plasticity
GRAI NN HA			МН	\mathbf{m}	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
FINE-GR RE THAN THAN NO		s and clays. it greater than 50%	СН		Inorganic clays of high plasticity, fat clays
MOR			ОН		Organic clays of medium to high plasticity, organic silts
	Highly orga	nic soils	РТ		Peat and other highly organic soils
	Debris created or go	nerated by man			Building debris or rubble

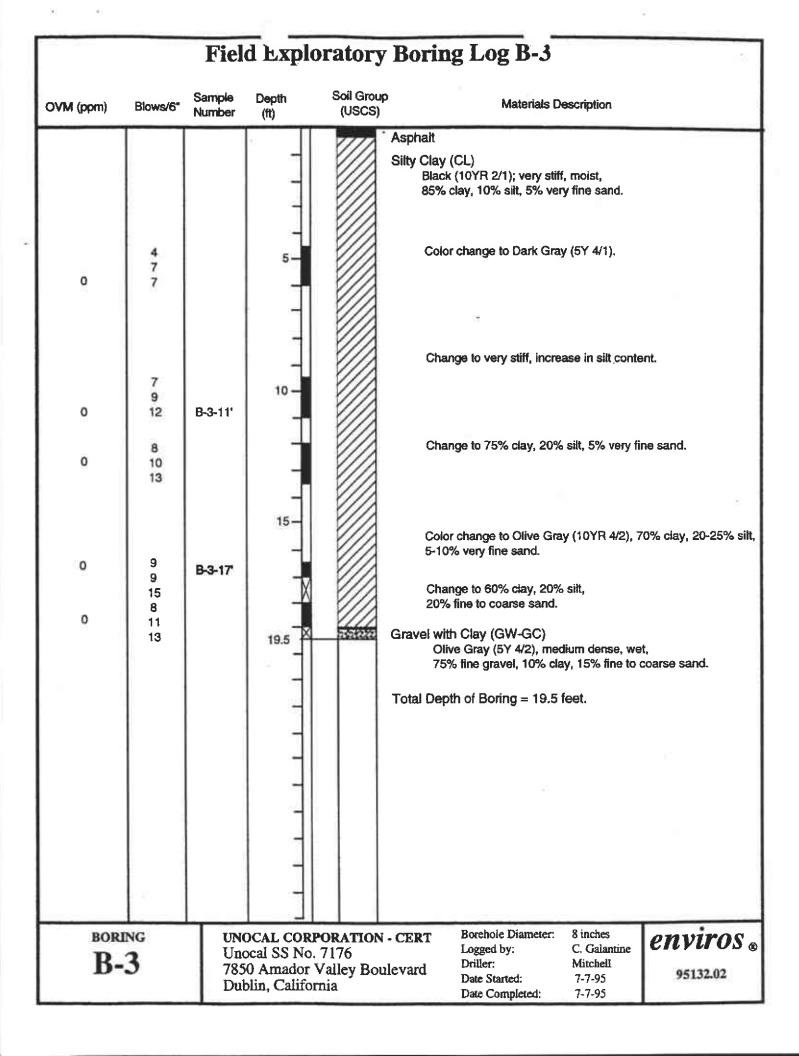
KEY TO FIELD DATA

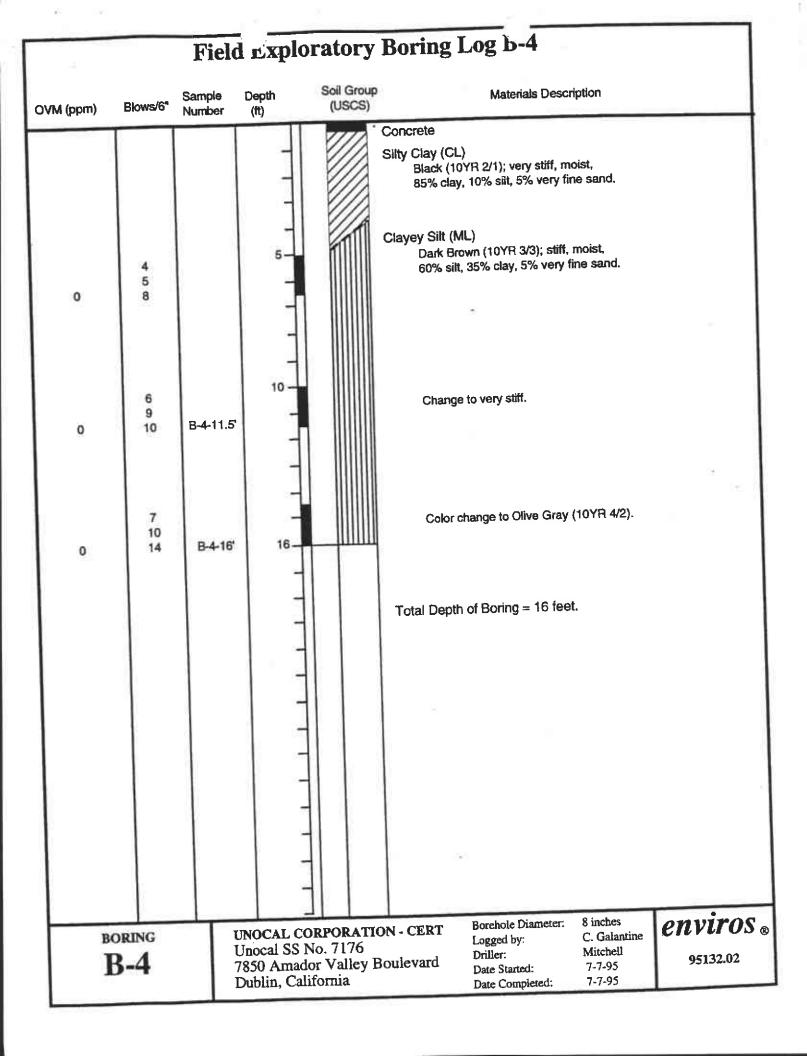
Blows/6" - 140 lb. hammer dropped 30 inches.	<u>~</u>	First encountered groundwater
PPM - Parts per million	Y	Equilibrated groundwater level
OVM - Organic Vapor Meter		Soil sample interval
Soil Color - Munsell Color Chart (1988 Edition)	\boxtimes	No soil sample recovery

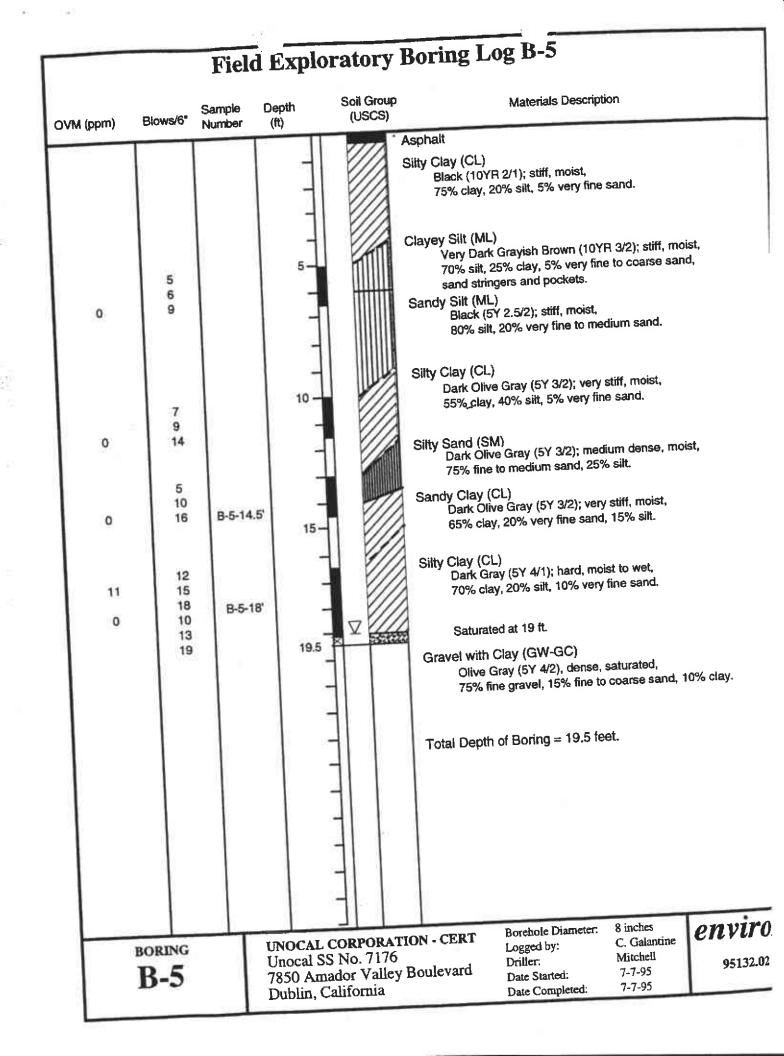
PLATE	UNIFIED SOIL CLASSIFICA ASTM D2487-85	TION SYSTEM	enviros _®
	Drawn By: JLP	Date: 11-28-94	

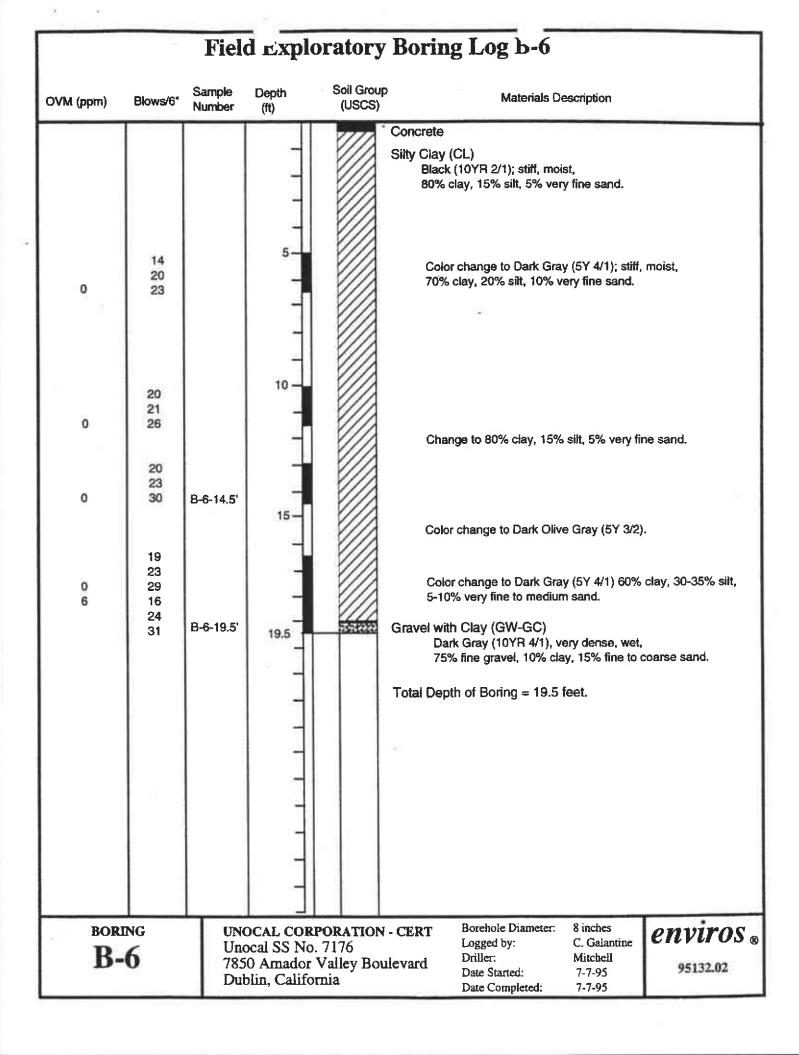


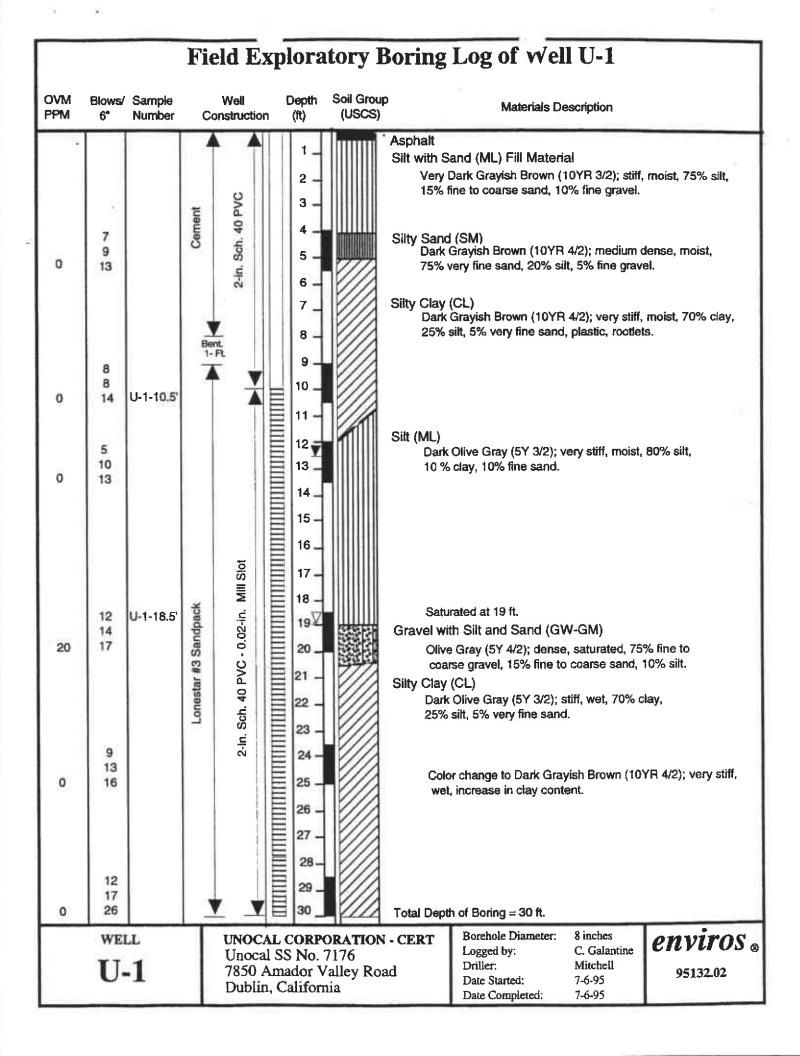


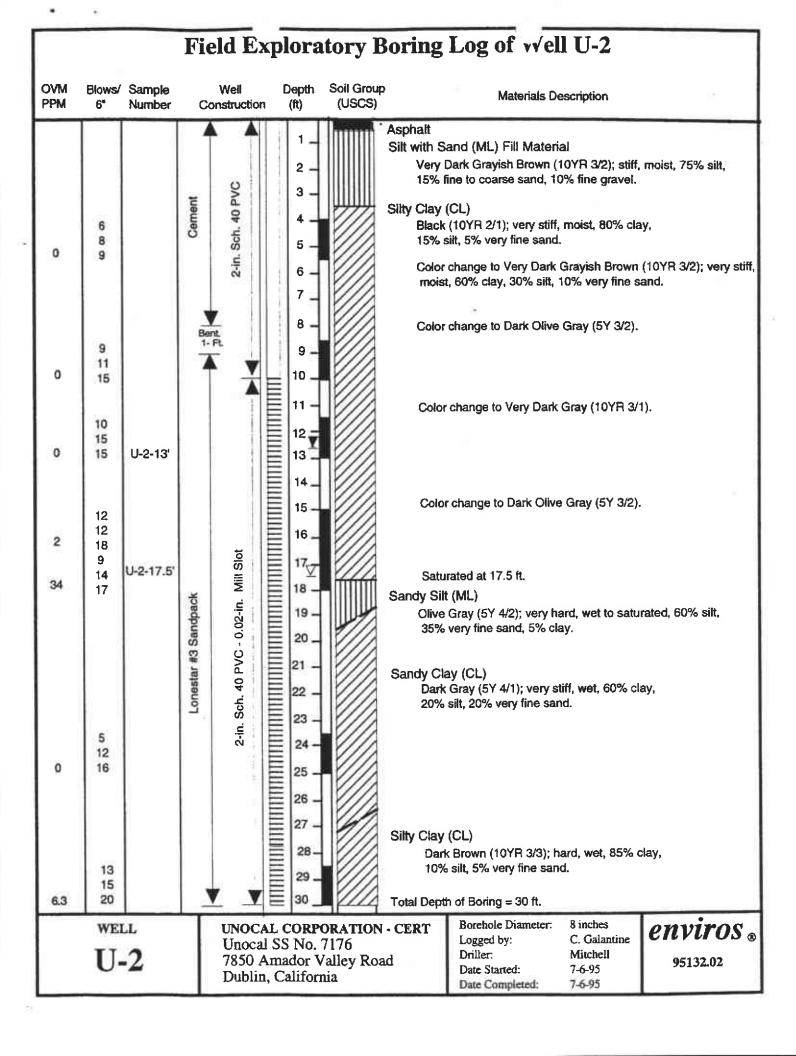


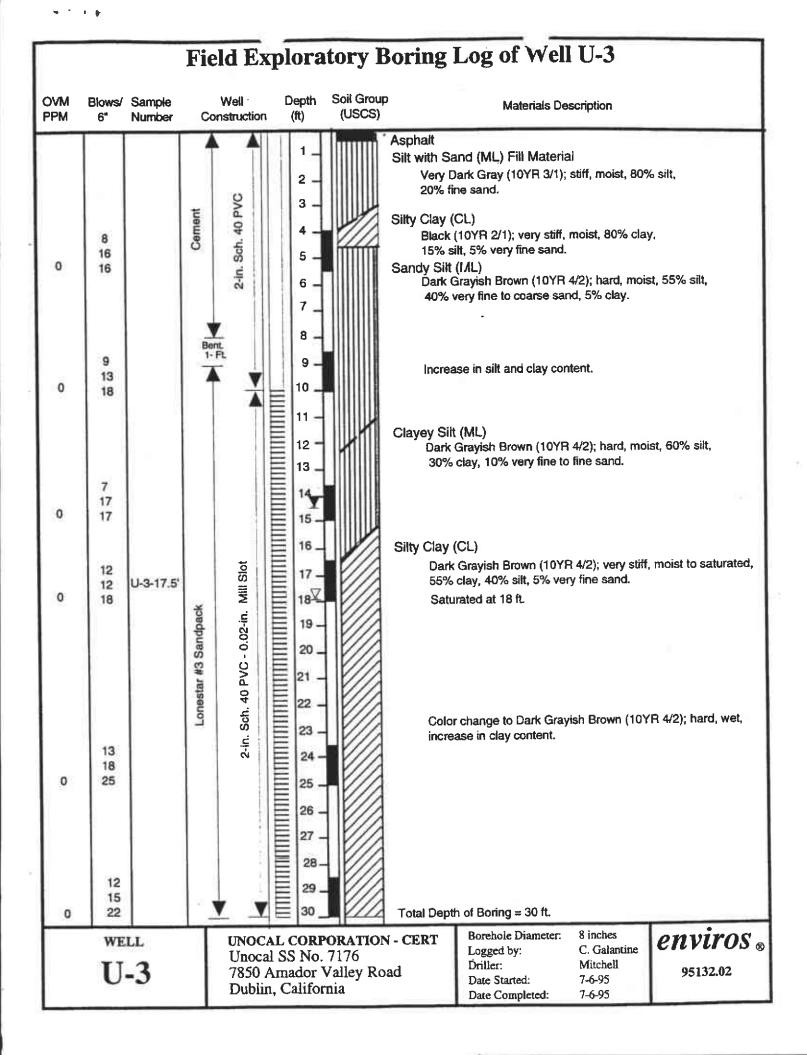


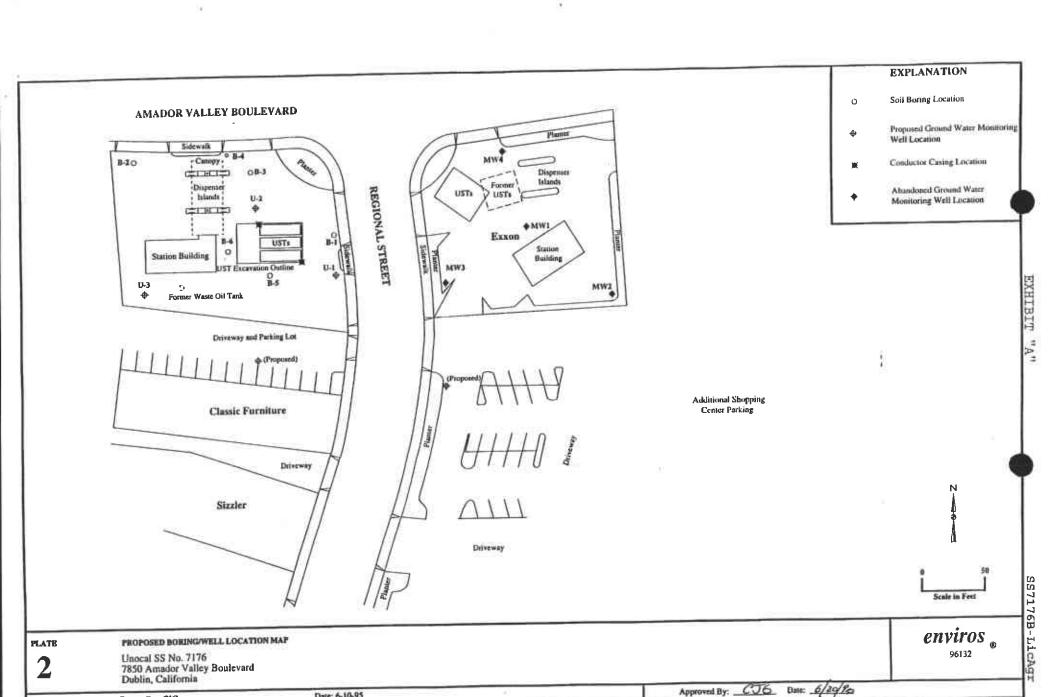












Date: 6-10-95

Drawn By: CJG

