

VATC ASSOCIATES INC.

1 April 1997
61877.0001

Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Attention: Ms. Jennifer Eberle

SUBJECT: TRANSMITTAL OF DOCUMENTS

Dear Ms. Eberle:

Per your request, enclosed please find boring logs for soil borings SB1 through SB4 installed at the auto parking parcel located on the east side of Webster Street between 17th and 19th Streets in Oakland, California (site). Additionally, I have included the cone penetrometer test (CPT) log which was installed very near HP-1.

If you have any questions or require further information, please feel free to contact me.

Sincerely,
ATC Associates Inc.



ALEX J. GALLEGO, RG 6349
Project Manager

enclosures


97 APR -2 AM 10:09

ENVIRONMENTAL
PROTECTION

ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS

2380-Qume Drive, Ste. #C • San Jose, CA 95131 • (408) 474-0280 • FAX (408) 434-6662



PROJECT ▷ Terra Corp II	 APPLIED GEOSCIENCES INC.	PROJECT NUMBER ▷ A932558A
LOGGED BY ▷ Lani Lee		START DATE ▷ 5/18/93
CHECKED BY ▷		COMPLETION DATE ▷ 5/18/93
GROUND SURFACE ELEVATION DATUM (FT-MSL) ▷		DRILLING COMPANY ▷ Exploration Geo
DRILLING EQUIPMENT ▷ Mobile B61		
BORING DEPTH (FT) ▷ 20	WELL DEPTH (FT) ▷	WATER DEPTH (FT)-Initial: Completion:
WELL MATERIALS ▷		WELL SCREEN INTERVAL (FT) ▷ TO
WELL CASING ELEVATION (FT-MSL) ▷		OVM/OVA ▷ Hwd w/ 10.2 eu probe

BACKFILL MATERIAL ▷ concrete slurry

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OUM/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
0	greyish brown (SPR 12), dry very fine sand (SM) minor silt								2" asphalt
	Moderate yellowish brown (10YR 5/4) dry, silty very fine sand (ML)								
5	Moderate yellowish brown (10YR 5/4), damp, clayey dense clayey sand (SC)		X	5/10	0				
10	becomes dark yellowish orange (10YR 6/6) at 10'		X	8/11	0				no HC odors noted
15			X	6/8A	0				
20	dark yellowish brown (10YR 4/2) moist, medium dense, fine sand (SP) minor clay		X	5/6/7	0				
	Boring terminated @ 20'								

PROJECT ▷ Terra Corp II	 APPLIED GEOSCIENCES INC.	PROJECT NUMBER ▷ A932558A
LOGGED BY ▷ Lani Lee		START DATE ▷ 5/18/93
CHECKED BY ▷		COMPLETION DATE ▷ 5/18/93

GROUND SURFACE ELEVATION DATUM (FT-MSL) ▷	DRILLING COMPANY ▷ Exploration Geos.
---	--------------------------------------

DRILLING EQUIPMENT ▷ Mobile Bbl

BORING DEPTH (FT) ▷ 20	WELL DEPTH (FT) ▷	WATER DEPTH (FT)-Initial:	Completion:
------------------------	-------------------	---------------------------	-------------


WELL MATERIALS ▷	WELL SCREEN INTERVAL (FT) ▷ TO
------------------	--------------------------------

WELL CASING ELEVATION (FT-MSL) ▷	OVM/OVA ▷ HNU S10.2 el probe
----------------------------------	------------------------------

BACKFILL MATERIAL ▷ concrete slurry

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OUM/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
0	Grayish brown, dry, very fine sand (SP) minor silt								2" asphalt
3.5	becomes moderate brown (SPR 4/4) at 3.5'								
5	light brown (SPR 5/6), dry, clayey sand (SC)		X	7/9/3	0	33			
5	Mod yellowish brown (10PR 5/4) wet, med. dense, silty sand (SM)								
10	Pale yellowish brown to moderate yellowish brown (10PR 5.5/3) dry, very stiff, sandy clay (CL)		X	7/12/4	0				
15	dark yellowish orange (10PR 6) dry, very dense, silty very fine sand (ML)		X	20/15 for 4"	0				
20	dark yellowish orange (10PR 6) MD:SP, very dense, very fine sand (SP) minor silt		X	12/19/31	0	66%			
Boring terminated @ 20'									

BORING DESIGNATION SBZ	BORING LOG	PAGE NUMBER 1 OF	FIGURE NUMBER
---------------------------	------------	---------------------	---------------

PROJECT ▷ Terra Corp II	 APPLIED GEOSCIENCES INC.	PROJECT NUMBER ▷ A932558
LOGGED BY ▷ Lani Lee		START DATE ▷ 5/18/93
CHECKED BY ▷		COMPLETION DATE ▷ 5/18/93
GROUND SURFACE ELEVATION DATUM (FT-MSL) ▷		DRILLING COMPANY ▷ Exploration Geos.
DRILLING EQUIPMENT ▷ Mobile B61		
BORING DEPTH (FT) ▷ 20	WELL DEPTH (FT) ▷	WATER DEPTH (FT)-Initial: Completion:
WELL MATERIALS ▷		WELL SCREEN INTERVAL (FT) ▷ TO
WELL CASING ELEVATION (FT-MSL) ▷		OVM/OVA ▷ H ₂ O w/ 10.2oz probe
BACKFILL MATERIAL ▷ Concrete Slurry		

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OUM/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
0									2" asphalt
1045									
5			X	9/12	0				
10			X	9/20	0				
15			X	2/37	0				
117			X	15/27	0				
20									
25									
30									

BORING DESIGNATION
SB4

BORING LOG

PAGE NUMBER
1 OF

FIGURE NUMBER