

ENVIRONMENTAL
PROTECTION

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TABLE 1

**ANALYTICAL RESULTS
TANK REMOVAL SOIL SAMPLES**

Analytical results on soil samples taken during tank removal on August 22, 1991.

SAMPLE NO./ANALYSES	1 <i>Below Tank, 10'</i>	2 <i>Composite</i>	DETECTION LIMIT
TPH-G (EPA 5030/CADHS-LUFT)	ND	560	1 mg/kg
TOTAL LEAD (EPA 7420/CADHS-LUFT)	ND	ND	10 mg/kg
PURGEABLE AROMATICICS (EPA 5030/8020)			
Benzene	9	400	3 ug/kg
Toluene	ND	2400	3 ug/kg
Ethylbenzene	7	4300	3 ug/kg
Xylene	ND	30,000	3 ug/kg

Notes:

- TPH (G) Total petroleum hydrocarbons as gasoline
- ug/l Micrograms per liter (parts per billion)
- mg/l Milligrams per liter (parts per million)
- mg/kg Milligrams per kilogram (parts per million)
- ND Not detected in excess of the analytical detection limit stated.

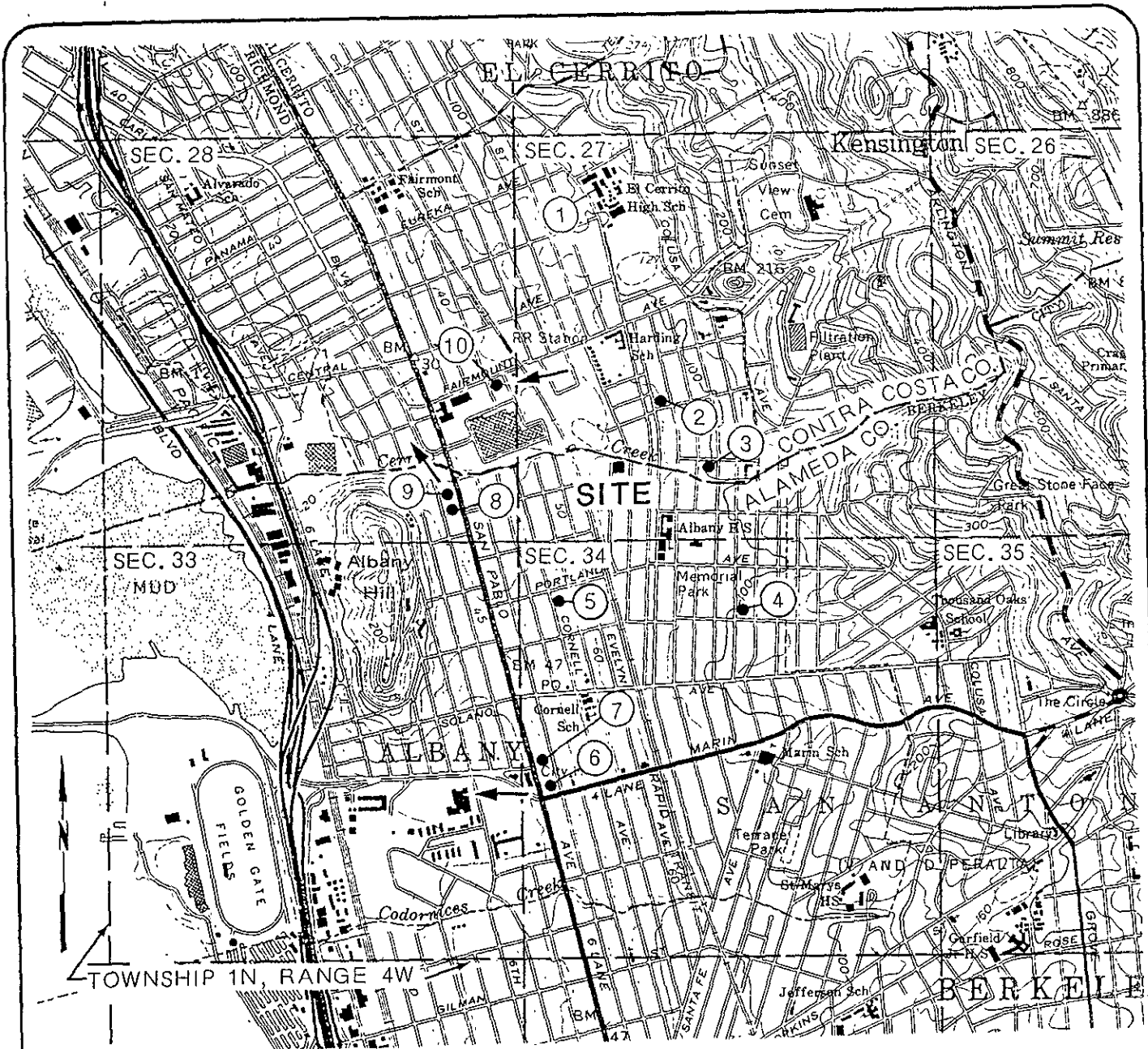
TABLE 2

**ANALYTICAL TEST RESULTS
SOIL AND WATER SAMPLES
PRELIMINARY INVESTIGATION STUDY**

Sample	Depth (feet)	Sample Type	TPH (G)	Benzene	Toluene	Ethylbenzene	Xylene	Total Lead	Measurement Units
CPT-1	-	Water	91	0.7	0.3	4.0	0.4	0.4 mg/l	ug/l
CPT-1	4.0	Soil	<1	<.003	<.003	<.003	<.003	16	mg/kg
CPT-1	8.0	"	6	<.003	<.003	0.061	0.45	6	mg/kg
CPT-2	6.0	"	<1	<.003	<.003	<.003	<.003	7	mg/kg
CPT-2	12.0	"	<1	<.003	<.003	<.003	<.003	6	mg/kg
CPT-3	7.0	"	3	<.003	<.003	0.014	0.013	8	mg/kg
CPT-3	14.0	"	<1	<.003	<.003	<.003	<.003	10	mg/kg
Stockpile Composite	-	"	<1	<.003	<.003	<.003	<.003	41	mg/kg

Notes:

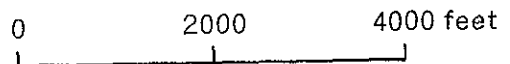
- TPH (G) Total petroleum hydrocarbons as gasoline
- ug/l Micrograms per liter (parts per billion)
- mg/l Milligrams per liter (parts per million)
- mg/kg Milligrams per kilogram (parts per million)



LEGEND

- ⑩ ● Well location (see text for details)
- ← Shallow groundwater downgradient direction (when available)

Reference: USGS 7.5' Richmond Quadrangle, 1980



HTA Harlan
Tait
Associates
Consulting Engineers and Geologists

VICINITY AND WELL LOCATION MAP

Albany Corporation Yard
507 San Gabriel Avenue
Albany, California

FIGURE

2

Proj. No: 653.061

Date: 6/26/92

App'd by: *DH*

TABLE 1

WELL COMPLETION DETAILS
AREAL IRRIGATION AND OTHER WELLS

WELL/OWNER	USE	DATE COMPLETED	DEPTH Feet	PERFORATIONS
1 El Cerrito High School	Irrigation	1951	65	Unknown
2 PGE	Cathodic	1973	76	NA
3 PGE	Cathodic	1976	120	NA
4 PGE	Cathodic	1973	75	NA
5 PGE	Cathodic	1976	120	NA
6 Shell Oil Company, 7 wells	Monitoring	1990	12 to 16	0.02"
7 Firestone, 4 wells	Monitoring	1990	12 to 15	0.01"
8 Troxell Auto Body, 3 wells	Monitoring	1990	20	0.02"
9 Plaza Car Wash, 3 wells	Monitoring	1989	15 (Approx)	Unknown
10 Mobil Gas Station, 3 wells	Monitoring	1985	20 (Approx)	Unknown

TONTA ENVIRONMENTAL DRILLING

Engineer HTA
 On Site Loc: CPT-1
 Job No. : 653.061
 Tot. Unit Wt. (avg) : 110 pcf

CPT Date : 08/25/92 09:21
 Cone Used : 339
 Water table (meters) : 2

DEPTH (meters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.25	0.82	1.62	0.09	5.77	0.02	organic material	UNDFND	UNDFD	2	.1
0.50	1.64	10.76	0.29	2.70	0.07	silty clay to clay	UNDFND	UNDFD	7	.7
0.75	2.46	38.42	0.58	1.51	0.11	silty sand to sandy silt	70-80	46-48	12	UNDEFINED
1.00	3.28	36.82	0.72	1.95	0.16	sandy silt to clayey silt	UNDFND	UNDFD	14	2.4
1.25	4.10	55.04	1.51	2.74	0.20	sandy silt to clayey silt	UNDFND	UNDFD	21	3.6
1.50	4.92	73.80	1.81	2.45	0.25	sandy silt to clayey silt	UNDFND	UNDFD	28	4.9
1.75	5.74	42.64	1.27	2.98	0.29	sandy silt to clayey silt	UNDFND	UNDFD	16	2.8
2.00	6.56	41.80	0.97	2.31	0.34	sandy silt to clayey silt	UNDFND	UNDFD	16	2.7
2.25	7.38	57.90	2.27	3.91	0.37	clayey silt to silty clay	UNDFND	UNDFD	28	3.8
2.50	8.20	69.82	3.41	4.88	0.39	very stiff fine grained (*)	UNDFND	UNDFD	150	UNDEFINED
2.75	9.02	64.28	3.72	5.78	0.41	very stiff fine grained (*)	UNDFND	UNDFD	150	UNDEFINED
3.00	9.84	64.20	2.90	4.52	0.43	silty clay to clay	UNDFND	UNDFD	41	4.2
3.25	10.66	42.50	2.21	5.20	0.45	clay	UNDFND	UNDFD	41	2.7
3.50	11.48	43.74	2.03	4.65	0.47	silty clay to clay	UNDFND	UNDFD	28	2.8
3.75	12.30	40.12	1.86	4.64	0.49	silty clay to clay	UNDFND	UNDFD	26	2.6
4.00	13.12	91.12	3.61	3.96	0.51	clayey silt to silty clay	UNDFND	UNDFD	44	6.0
4.25	13.94	72.90	2.96	4.06	0.53	clayey silt to silty clay	UNDFND	UNDFD	35	4.8
4.50	14.76	112.56	3.23	2.87	0.55	sandy silt to clayey silt	UNDFND	UNDFD	43	7.4
4.75	15.58	25.84	0.91	3.52	0.57	clayey silt to silty clay	UNDFND	UNDFD	12	1.6
5.00	16.40	24.52	0.84	3.42	0.59	clayey silt to silty clay	UNDFND	UNDFD	12	1.5
5.25	17.22	31.80	1.38	4.34	0.60	silty clay to clay	UNDFND	UNDFD	20	2.0
5.50	18.04	72.50	3.03	4.18	0.62	clayey silt to silty clay	UNDFND	UNDFD	35	4.7
5.75	18.86	92.44	3.90	4.21	0.64	clayey silt to silty clay	UNDFND	UNDFD	44	6.0
6.00	19.69	87.90	3.86	4.40	0.66	undefined	UNDFND	UNDFD	UDF	UNDEFINED
6.25	20.51	55.62	2.16	3.88	0.68	clayey silt to silty clay	UNDFND	UNDFD	27	3.6
6.50	21.33	45.04	1.72	3.83	0.70	clayey silt to silty clay	UNDFND	UNDFD	22	2.9
6.75	22.15	96.68	3.61	3.73	0.72	clayey silt to silty clay	UNDFND	UNDFD	46	6.3
7.00	22.97	98.72	5.18	5.25	0.74	very stiff fine grained (*)	UNDFND	UNDFD	150	UNDEFINED
7.25	23.79	106.26	5.70	5.36	0.76	very stiff fine grained (*)	UNDFND	UNDFD	150	UNDEFINED
7.50	24.61	198.12	9.04	4.56	0.78	very stiff fine grained (*)	UNDFND	UNDFD	150	UNDEFINED
7.75	25.43	149.16	7.79	5.22	0.80	very stiff fine grained (*)	UNDFND	UNDFD	150	UNDEFINED

Dr - All sands (Janiolkowski et al. 1985)

PHI - Robertson and Campanella 1983

Su: Nk= 15

(*) overconsolidated or cemented

* Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ***

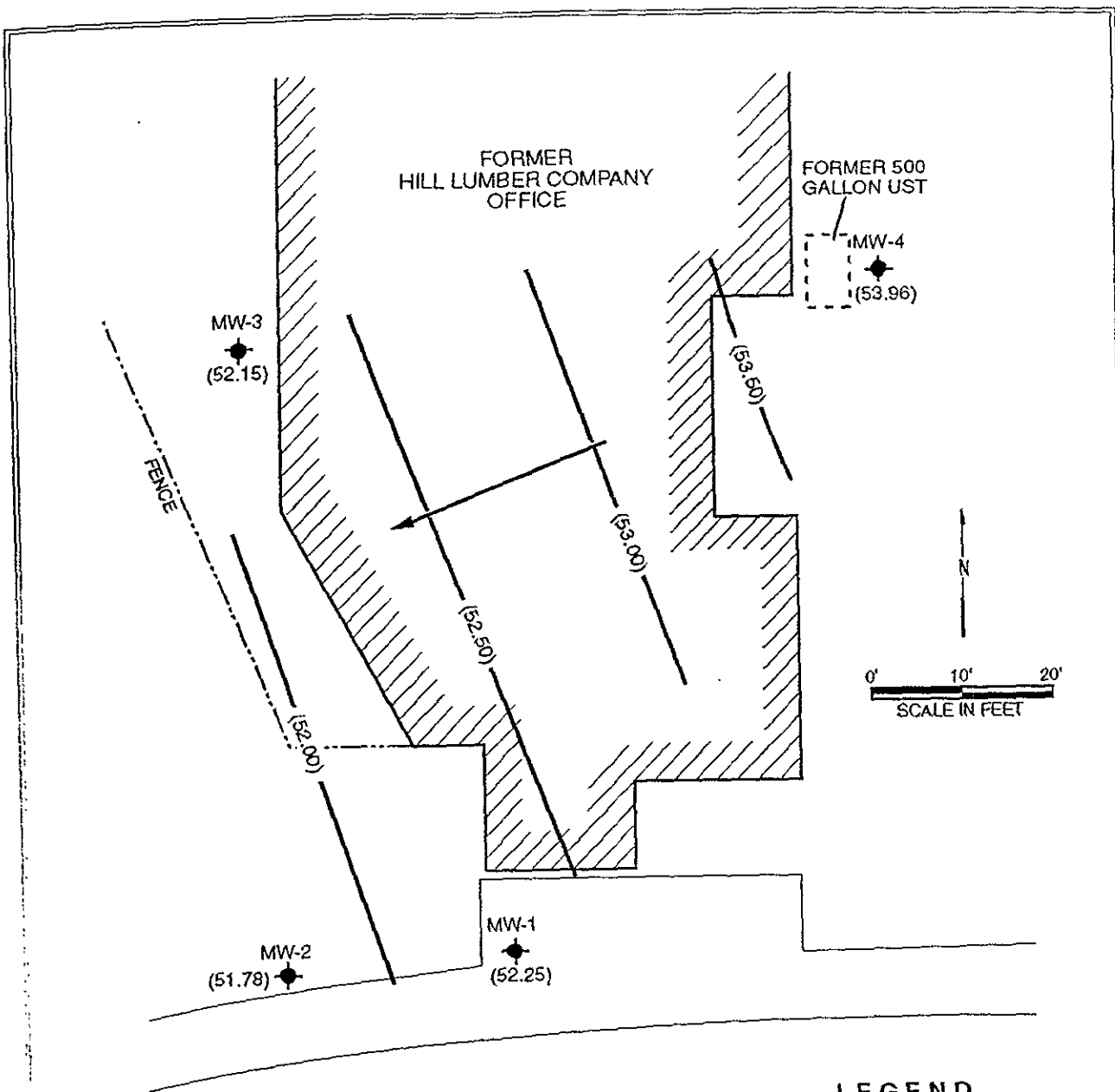
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TABLE 1 LABORATORY ANALYTICAL RESULTS SOIL October 1994							
Sample Number	Depth (feet)	THPd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes
HP1-11.5	11.5	<10	<1	<0.005	<0.005	<0.005	<0.005
HP2-13.5	13.5	<10	<1	<0.005	<0.005	<0.005	<0.005
HP3-7.5	7.5	<10	<1	<0.005	<0.005	<0.005	<0.005
MW4-8	8	<10	<1	<0.005	<0.005	<0.005	<0.005
MW4-11.5	11.5	<10	<1	<0.005	<0.005	<0.005	<0.005

Notes:
Concentrations in milligrams per kilogram
< indicates analyte not detected above the method detection limit shown

TABLE 2 LABORATORY ANALYTICAL RESULTS GROUNDWATER October 1994						
Sample Number	THPd	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes
HP-1	<50	<50	<0.5	<0.5	<0.5	<0.5
HP-2	<50	<50	<0.5	<0.5	<0.5	<0.5
HP-3	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-4	<50	<50	<0.5	<0.5	<0.5	<0.5

Notes:
Concentrations in micrograms per liter
< indicates analyte not detected above the method detection limit shown

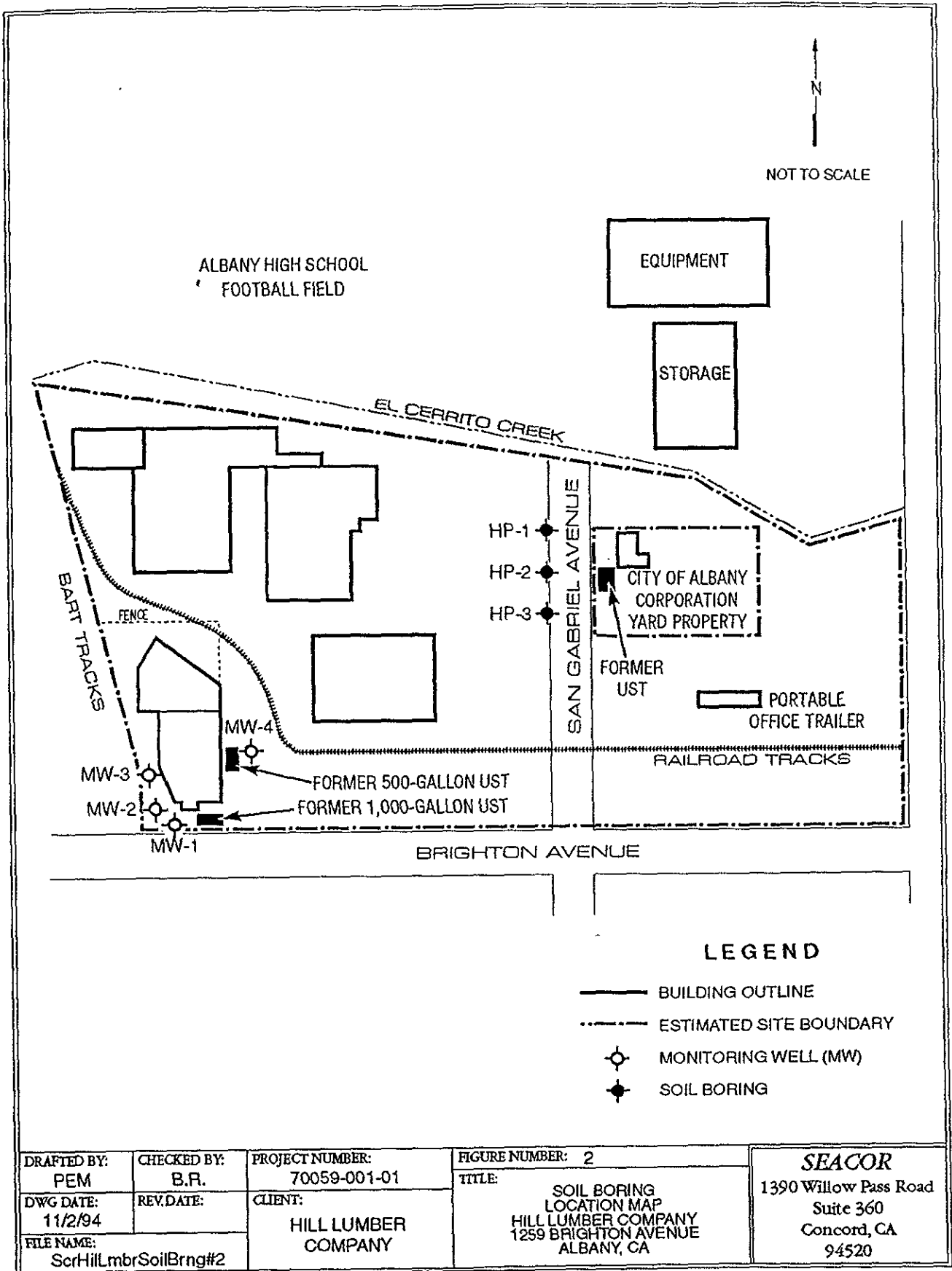


LEGEND


- ◆ MONITOR WELL (MW)
- (52.25) GROUNDWATER ELEVATION
- GROUNDWATER CONTOUR
- ← GROUNDWATER FLOW DIRECTION

ADAPTED FROM CEC MAP

DRAFTED BY: PEM	CHECKED BY: B.R.	PROJECT NUMBER: 70059-001-01	FIGURE NUMBER: 3	SEACOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DATE: 11/2/94	REV. DATE:	CLIENT: HILL LUMBER COMPANY	TITLE: GROUNDWATER CONTOUR MAP HILL LUMBER COMPANY 1259 BRIGHTON AVENUE ALBANY, CA	
FILE NAME: ScrHillLmbrContur#3				




Project: FORMER HILL LUMBER CO.-1259 Brighton Ave. Albany, CA		Log of Boring/Monitoring Well:
Boring Location: West Side of San Gabriel- NW of UST	Project No.: 70059-001-01	HP-1
Subcontractor and Equipment: BAYLAND CME 75, 7" HSA	Logged By: ROBITAILLE	
Sampling Method: CONTINUOUS SPLIT SPOON	Monitoring Device: PID/OVM	Comments:
Start Date/Time: 10/24/94//1030	Finish Date/Time: 10/24/94//1230	
First Water (bgs): NA	Stabilized Water Level (bgs): NA	

Sample Interval Recovery (Inches)	Blows/Foot	PID (ppm)	Depth (Feet)	Samples	USCS Symbol	Water Level	Surface Elevation: NA	Casing Top Elevation: NA	Boring Abandonment/ Well Construction Details
							LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)		
HAND AUGERED			0				BROKEN ASPHALT-GRAVEL ROAD BASE		 Backfilled with Neat Cement
			1				BASEROCK, SILT, CLAY		
18"/18"	25	0	2				BLACK (10YR 2.5/1.5) SILTY CLAY (CL) moderate soft, dry, trace poorly sorted sand (0,5,25,70)		
			3				THIN GRAVELLY CLAY WITH SAND (CL)		
18"/12"	17	0	4				BROWN (10YR 5/3) FINE SANDY CLAY (CL) moderate hard, dry, very fine well sorted sand, with silt, trace small gravel, very dark brown and yellowish brown mottled (3,32,10,55)		
			5						
18"/14"	20	0	6						
			7						
18"/18"	25	0	8				Grades with abundant medium gravels, angular to well rounded, >2" dia. max., with fine to coarse sand (15,20,70,55)		
			9						
18"/15"	18	0	10						
			11				Grades moist on gravel surfaces		
18"/4"	32	0	12				End of Boring at 13'. Drove Hydropunch Sampler to 17'.		
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						
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			30						


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SECOR

Reviewed By: 
 Revised By: _____

Date: Nov 4, 94
 Date: _____

Project: FORMER HILL LUMBER CO.-1259 Brighton Ave. Albany, CA		Log of Boring/Monitoring Well:
Boring Location: 35' West of UST on San Gabriel	Project No.: 70059-001-01	HP-2
Subcontractor and Equipment: BAYLAND CME 75, 7" HSA	Logged By: ROBITAILLE	
Sampling Method: CONTINUOUS SPLIT SPOON	Monitoring Device: PID/OVM	Comments:
Start Date/Time: 10/24/94//1245	Finish Date/Time: 10/24/94//1400	
First Water (bgs): 13.5 FEET	Stabilized Water Level (bgs): NA	


Sample Interval Recovery (Inches)	Blows/Foot	PID (ppm)	Depth (Feet)	Samples	USCS Symbol	Water Level	Surface Elevation: NA	Casing Top Elevation: NA	Boring Abandonment/ Well Construction Details
							LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)		
HAND AUGERED			0				GRAVEL BASE FILL (GRAVEL, SAND, SILT, CLAY, DRY, NO ODOR)		 <p>Backfilled with Neat Cement</p>
			1				BLACK (10YR 2.5/1.5) CLAY WITH SILT (CL) moderate soft, trace poorly sorted sand (0,5,20,75)		
		0	2			GRAVELLY CLAY, BLACK (CL) moderate hard, dry (20,5,15,60)			
18"/14"	17	0	4			BROWN (10YR 5/3) FINE SANDY CLAY WITH SILT (CL) moderate hard, dry, very dark brown and yellowish brown mottled, trace small gravel (3,32,10,55)			
18"/18"	22	0	5			Grades with abundant gravel			
18"/14"	12	0	6						
18"/16"	19	0	7			YELLOWISH BROWN (10YR 5/4) GRAVELLY SANDY CLAY (CL) moderate hard, dry, black and yellowish brown mottled, interbedded (20,30,10,40)			
18"/12"	25	0	8			Discovered water at 1345 hrs. in gravelly sand lens.			
18"/14"	31	0	9						
18"/14"	33	0	10			End of Boring at 14'. Drove Hydropunch Sampler to 17'.			
		0	11						
			12						
			13						
			14						
			15						
			16						
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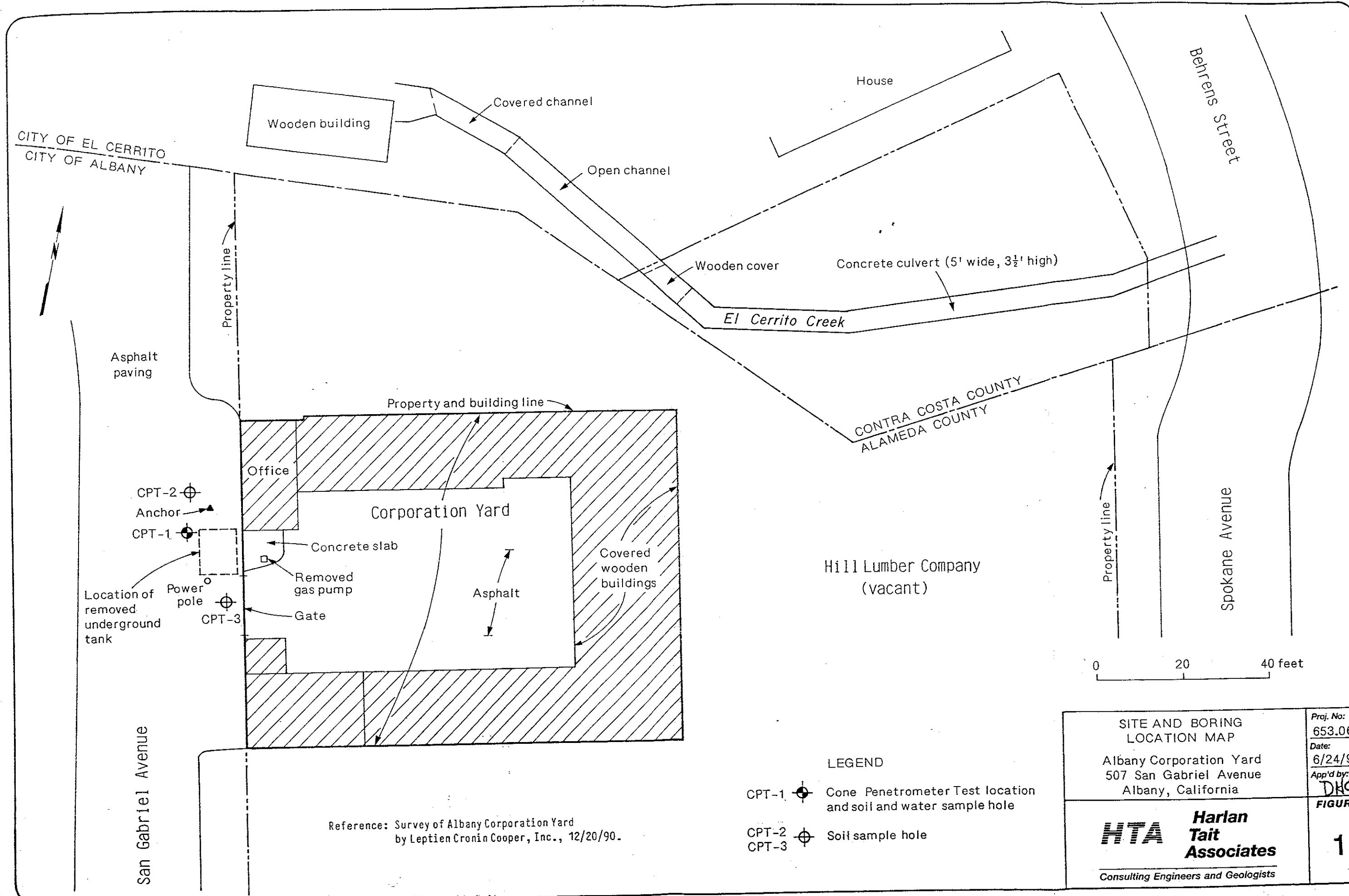
SECOR




Reviewed By: *[Signature]* Date: Nov 4, 94
 Revised By: _____ Date: _____


Project: FORMER HILL LUMBER CO.-1259 Brighton Ave. Albany, CA		Log of Boring/Monitoring Well:
Boring Location: W of San Gabriel, SW of Former UST	Project No.: 70059-001-01	HP-3
Subcontractor and Equipment: BAYLAND CME 75, 7" HSA	Logged By: ROBITAILLE	
Sampling Method: CONTINUOUS SPLIT SPOON	Monitoring Device: PID/OVM	Comments:
Start Date/Time: 10/24/94//1525	Finish Date/Time: 10/24/94//1550	
First Water (bgs): 7.6 FEET	Stabilized Water Level (bgs): NA	

Sample Interval Recovery (Inches)	Blows/Foot	PID (ppm)	Depth (Feet)	Samples	USCS Symbol	Water Level	Surface Elevation: NA	Casing Top Elevation: NA	Boring Abandonment/ Well Construction Details
							LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)		
HAND AUGERED			0				GRAVEL BASE		 Backfilled with Neat Cement
			1				FILL (GRAVEL, SAND, SILT, CLAY, DRY)		
		0	2				BLACK (10YR 2.5/1.5) SILTY CLAY (CL) moderate soft, dry, trace poorly sorted sand (0,5,25,70)		
		0	3						
18"/10"	8		4						
18"/14"	22		5				YELLOWISH BROWN (10YR 5/4) GRAVELLY SANDY CLAY (CL) moderate hard, dry, poorly sorted fine to coarse sand and gravel (15,30,15,40)		
18"/14"	17		6						
			7				Found water 1550 hrs.		
			8				YELLOWISH BROWN, GRAVELLY CLAYEY SAND (SC) medium loose, wet (20,40,10,30)		
			9				End of Boring at 8'. Drove Hydropunch Sampler to 12'.		
			10						
			11						
			12						
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- LEGEND
- CPT-1  Cone Penetrometer Test location and soil and water sample hole
 - CPT-2  Soil sample hole
 - CPT-3  Soil sample hole

SITE AND BORING LOCATION MAP		Proj. No: 653.061
Albany Corporation Yard 507 San Gabriel Avenue Albany, California		Date: 6/24/92
		App'd by: DHC
Consulting Engineers and Geologists		FIGURE 1