ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 5446 - 1075 2nd Street, Albany, CA
(1-300 gallon tank removed in September 1995)

August 30, 2000

Mr. Randall Smith
Southern Pacific
One Market Plaza
San Francisco, CA 94105

Mr. William Landstra
European Auto Salvage
1075 2nd Street
Albany, CA 94702

Dear Messrs. Smith and Landstra:

This letter confirms the completion of site investigation and corrective action for the underground storage tank 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 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 site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 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 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

cc: Chuck Headlee, RWQCB
Allan Patton, SWRCB
files-ec (easymercedes4)

01-2315

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: June 21, 2000

Agency name: **Alameda County-HazMat**
City/State/Zip: **Alameda, CA 94502**
Responsible staff person: **Eva Chu**

Address: **1131 Harbor Bay Pkwy**
Phone: **(510) 567-6700**
Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Southern Pacific Trans. Co.**
Site facility address: **1075 2nd Street, Albany, CA 94702**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **5446**
URF filing date: **10/18/91** SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
So. Pacific Trans. Co. **c/o Randall Smith** **One Market Plaza** **San Francisco, CA 94105** **(415) 541-2559**		**William Landstra** **European Auto Salvage** **1075 2nd Street** **Albany, CA 94702** **(510) 653-3279**

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	300	Waste Oil	Removed	Sep 1995

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown**
Site characterization complete? **YES**
Date approved by oversight agency: **4/20/00**
Monitoring Wells installed? **No, but 11 soil borings were advanced, from which 5 grab groundwater samples were collected.**
Proper screened interval? **NA**
Highest GW depth below ground surface: **Groundwater was encountered at 4 feet bgs.**
Flow direction: **Regional groundwater flows westerly**
Most sensitive current use: **Commercial/Industrial**
Are drinking water wells affected? **No** Aquifer name: **NA**
Is surface water affected? **No** Nearest affected SW name: **NA**
Off-site beneficial use impacts (addresses/locations): **None**
Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment or Disposal w/destination)	Date
Tank	1 UST	Disposed at Erickson, Inc. of Richmond, CA	9/1995
Soil	16.39 tons	Disposed at Forward, Inc, in Manteca, CA	6/2/00

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before[1]	After[2]	Before[3]	After[4]
TPH (Gas)	<1.0	<1.0	6,900	76
TPH (Diesel)	24	12	580	<100
Benzene	<0.5	<.005	<0.5	<0.5
Toluene	<0.5	<.005	<0.5	1.2
Ethylbenzene	<0.5	<.005	<0.5	<0.5
Xylenes	<0.5	<.005	<0.5	28.2
MTBE	NA	<.01	NA	3.0
Heavy Metals Cd,Cr,Pb,Ni,Zn	within geogenic levels		less than respective MCLs	
TOG	63	23	3,200	<500
Other SVOCs	see Note 5		see Note 6	
HVOCs	ND		ND	ND

NOTE 1 soil samples collected from waste oil tank excavation, 9/95
2 no overexcavation of pit. These results are from soil borings advanced around former UST excavation in Dec 1999.
3 grab ground water samples collected from waste oil excavation, 9/95
4 grab ground water samples from soil borings advanced in 12/99
5 soil sample from excavation contained 0.26ppm n-butyl-phthalate, 0.10ppm bis-phthalate
6 grab water sample contained 4ppb bis-phthalate

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Undetermined**
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Undetermined**
Does corrective action protect public health for current land use? **YES**
Site management requirements: **None**
Should corrective action be reviewed if land use changes? **YES**
Monitoring wells Decommissioned: **NA**
Number Decommissioned: **NA**
List enforcement actions taken: **NA**
List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Eva Chu** Title: **Haz Mat Specialist**

Signature: [signature] Date: 8/1/00

Reviewed by

Name: **Don Hwang** Title: **Haz Mat Specialist**

Signature: [signature] Date: 6/21/00

Name: **Thomas Peacock** Title: **Supervisor**

Signature: [signature] Date: 8-1-00

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/4/00 RB Response: Concur

RWQCB Staff Name: **Chuck Headlee** Title: **AEG**

Signature: [signature] Date: 8/7/00

VII. ADDITIONAL COMMENTS, DATA, ETC.

The property is currently leased to European Auto Salvage Yard (EASY) for the purpose of storing and repairing Mercedes Benz automobiles. (See Fig 1 and 2)

In September 1995 a 300-gallon waste oil UST was removed from the site. Approximately 10cy of soil were generated from the excavation. The tank invert was at approximately 7'bgs. Groundwater was encountered at 4.5'bgs, which was clear and flowed freely into the excavation. Native soil was encountered at ~6'bgs, consisting of bay mud (dark gray clay, moist, soft, and plastic). A petroleum odor and an iridescent sheen were observed on the bay mud. Two soil samples (NSW-1 and SSW-2) were collected from the sidewalls at 4'bgs. A grab groundwater sample (GW-1) was collected from the center of the pit. The soil and water samples were analyzed for TPHg, TPHd, TOG, BTEX, HVOCs, SVOCs, and 5 LUFT metals. (See Fig 3)

Confirmation sample results indicate that TOG and TPHd are present in soil and groundwater. Soil contained up to 24ppm TPHd and 63ppm TOG. Groundwater contained up to 580ppb TPHd and 3,200ppb TOG). TPHg (6,900ppb) was only detected in groundwater. BTEX and HVOCs were not present. SVOCs (n-butylphthalate and bis-phthalate) were detected in both the groundwater and method blank samples. Concentrations of all metals in groundwater were below MCLs for drinking water. (See Table 1)

In 1997 a former employee alleged that hazardous materials handling practices might have resulted in contamination to soil and groundwater. Locations of concern include:

- a 30-foot by 30-foot area in back where oil was purged from engines and poured onto the ground;
- a former open-top aboveground waste oil tank which overflowed;
- a drain outside the shop where oil and antifreeze was poured; and
- the concrete floor inside the wooden portion of the building had floors "slick and covered with oil".

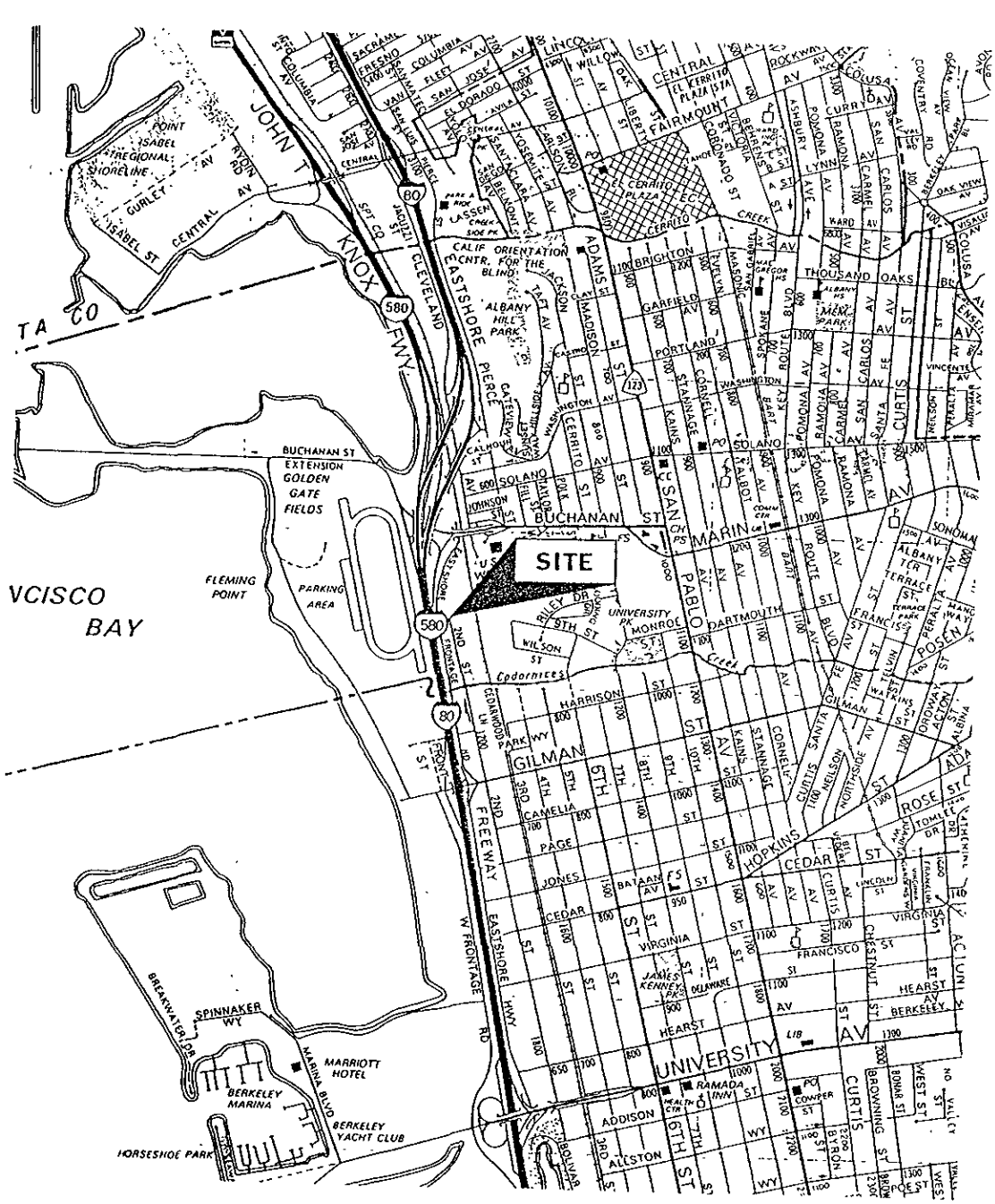
In December 1999 a total of eleven soil borings were drilled to evaluated environmental concerns raised by the above allegations. Four borings (BH-A through BH-D) were drilled around the former waste oil UST. Three borings (BH-E, BH-F, and BH-G) were placed in the 30 x 30' area in back, one boring (BH-H) was placed by the location of the former above ground tank, one boring (BH-I) was placed by the drain outside of the shop, and two borings (BH-J and BH-K) were placed in the building. Soil samples were collected from each boring, and grab groundwater samples were collected from borehole BH-A through BH-D and BH-F. (See Fig 4)

Relatively low concentration of TPH, and non-detect levels of VOCs, HVOCs, PNAs, and ethylene glycol were in the soil samples. Groundwater from the former waste oil tank area contained low levels of TPHg, BTEX, and MTBE. No TPHd, TPHmo or HVOCs were in these samples. (See Table 2 and 3)

Groundwater from borehole BH-F contained 63,700ppb TPHg, 12,800ppb TPHd, 136ppb ethylbenzene, and 274ppb total xylenes. The laboratory stated that the chromatogram patterns did not appear to be from gasoline or diesel, but rather the chromatogram patterns were more similar to kerosene or jet fuel. It could also be mineral spirits. Alcan Ingot and Powders, the property immediately to the north had significant mineral spirit contamination along the Alcan/Easy Mercedes property line. It is suspected that the TPH detected in groundwater from Sample BH-F is from the adjacent property. The TPH plume onto the site is limited in extent. Little or ND levels of TPH were detected in groundwater adjacent to the former waste oil UST. It does not appear that TPH at the site is likely to impact Codornices Creek.

In summary, case closure is recommended because:

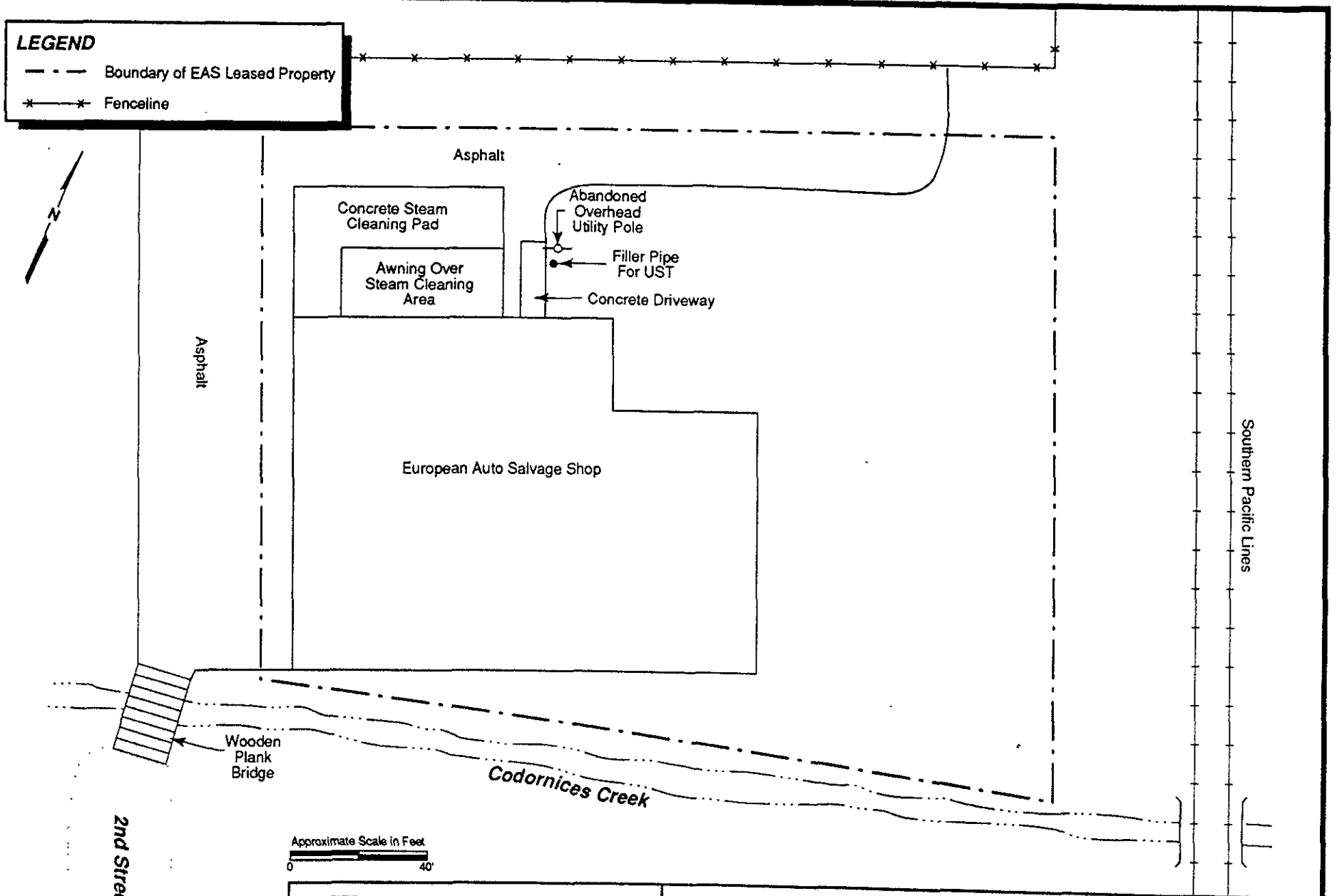
- the leak and ongoing sources have been removed;
- the site has been adequately characterized;
- the dissolved hydrocarbon plume is not migrating;
- no preferential pathways exist at the site;
- no water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted; and,
- the site presents no significant risk to human health or the environment.



SITE LOCATION MAP

EASY MERCEDES
1075 2nd STREET
ALBANY, CALIFORNIA

AQUA SCIENCE ENGINEERS, INC. | Figure 1



Industrial Compliance

A Subsidiary of SP Environmental Systems, Inc.

Project No.:	05100728	Date:	11/02/95
Drawn By:	Patti Decker	Checked By:	Richard Bateman

SITE PLAN
SOUTHERN PACIFIC TRANSPORTATION COMPANY
ALBANY YARD
ALBANY, CALIFORNIA

Figure: 2

Page No.: 4

Scale: as shown

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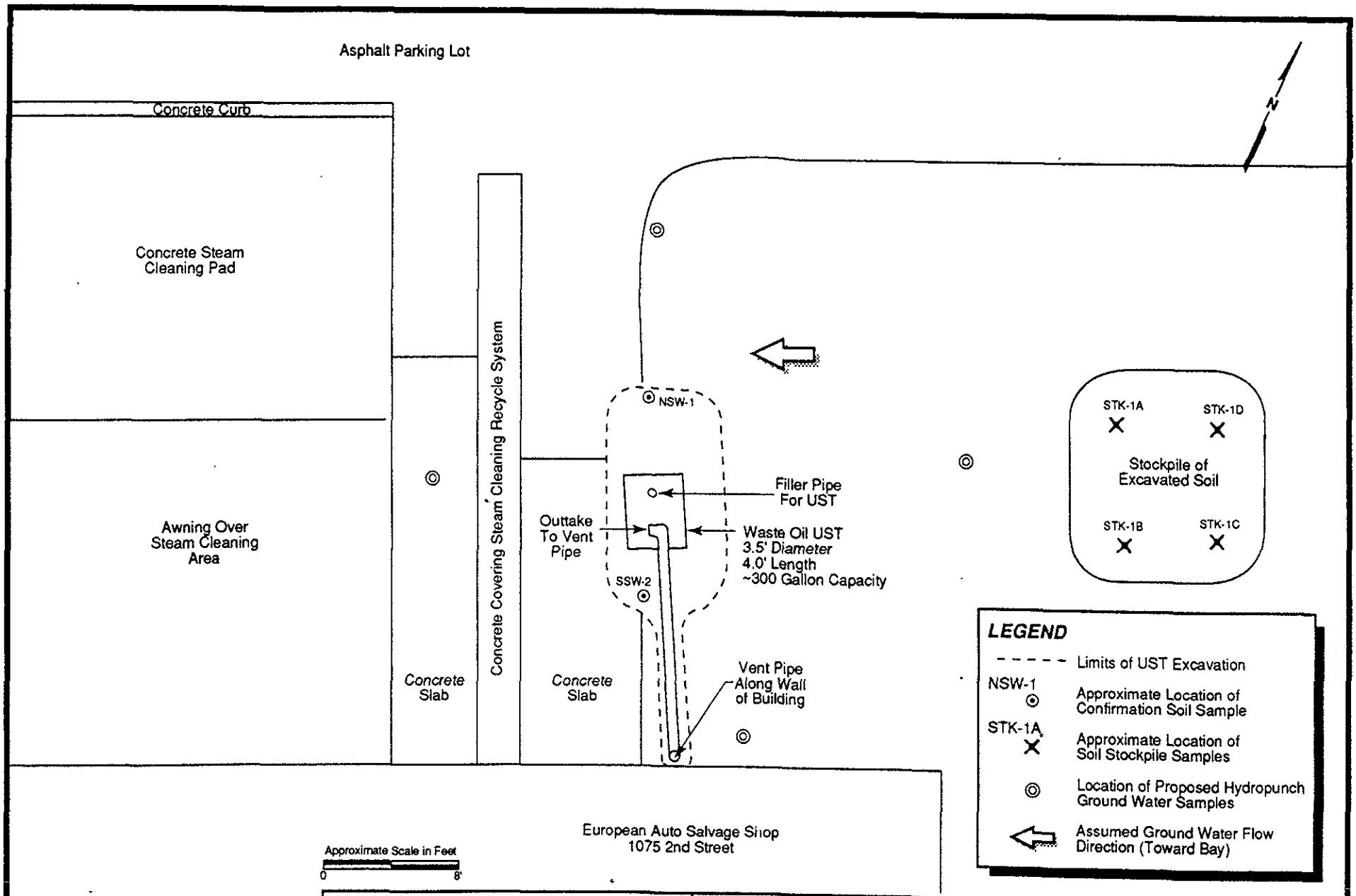

Industrial Compliance
A Subsidiary of SP Environmental Systems, Inc.

Project No.:	05100728	Date:	11/02/95
Drawn By:	Patti Decker	Checked By:	Richard Bateman

PLAN OF EXCAVATION, SAMPLES, AND PROPOSED HYDROPUNCH LOCATIONS SOUTHERN PACIFIC TRANSPORTATION COMPANY ALBANY YARD ALBANY, CALIFORNIA

Figure: 3
Page No.: 11
Scale: as shown

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ANALYTICAL RESULTS FROM CONFIRMATION AND STOCKPILE SAMPLES

Sample Number[a]	Sample Date	Total Petroleum Hydrocarbons		Oil and Grease	Volatile Organic Compounds				Volatile Organic Compounds	Semivolatile Organic Compounds			LUFT Metals				
		Gasoline	Diesel		Benzene	Toluene	Ethylbenzene	Xylenes		n-butyl-phthalate	bis-phthalate	Other SVOCs	Cadmium	Chromium	Lead	Nickel	Zinc
Analyzed by EPA Method		8015		413.1	8020				8010	8270			6010				
Confirmation Soil Samples (mg/kg)																	
NSW-1	09/15/95	<1.0	1.9	63	<0.5	<0.5	<0.5	<0.5	<0.005	0.12	0.10	ND[b]	0.8	30	15	61	38
SSW-2	09/15/95	<1.0	24	40	<0.5	<0.5	<0.5	<0.5	<0.005	0.26	0.06	ND[b]	1.0	26	19	34	78
Confirmation Ground Water Sample (µg/L)																	
GW-1	09/15/95	6,900[c]	580	3,200	<0.5	<0.5	<0 5	<0.5	<0.5	<2.0	4.0	ND[d]	<5.0	20	20	20	480
Stockpile Soil Samples (mg/kg)																	
STK-1A-D	09/18/95	<1.0	250	1,100	<0.005	<0.005	<0 005	<0.005	<0.005	1.5	1.5	ND[e]	1.5	23	46	38	130

a See Figure 2 for approximate locations of samples.

b Reporting limits for analysis of soil by EPA Method 8270 range from 0.05 to 0.25 mg/kg

c Hydrocarbons in the gasoline range with peak profile which does not match the standard chromatographic pattern.

d Reporting limits for analysis of ground water by EPA 8270 range from 2 to 10 µg/L.

e Reporting limits for analysis of soil by EPA Method 8270 range from 0.5 to 2.5 mg/kg

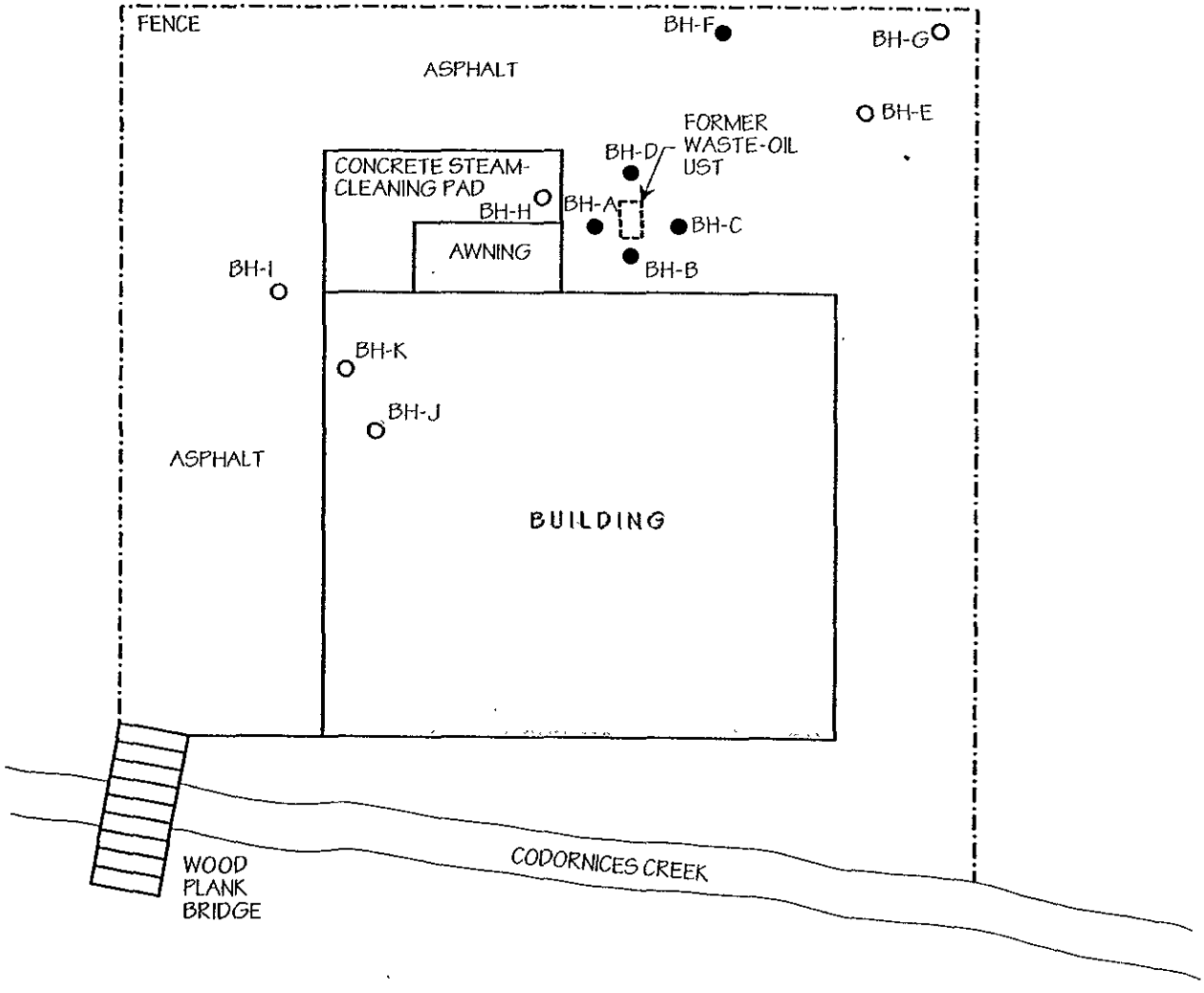
mg/kg Milligrams per kilogram

µg/L Micrograms per liter

< Symbol indicates constituents were not detected at or above the reporting limits as noted.

ND Not detected above the reporting limit for any analyte included in the analysis. See Appendix C for laboratory data sheets.

Table 1



LEGEND

BH-F ● SOIL BORING, SOIL AND GROUNDWATER SAMPLES COLLECTED

BH-K ○ SOIL BORING, SOIL SAMPLES COLLECTED

NORTH

SCALE
1" = 50'

SOIL BORING LOCATION MAP

EASY Mercedes
1075 2nd Street
Albany, California

AQUA SCIENCE ENGINEERS, INC.

Figure #4

TABLE ONE

Table 2

Summary of Chemical Analysis of SOIL Samples
Petroleum Hydrocarbons
All results are in parts per million

Boring	Sample Depth	TPH Gasoline	TPH Diesel	TPH Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE
BH-A	3.5'	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-B	3.5'	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-C	3.5'	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-D	3.5'	< 1.0	**12**	**23**	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-E	1.5'	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	**0.016**	< 0.01
BH-F	3.5'	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-G	1.0'	< 1.0	**23**	**184**	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-H	1.5'	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-I	2.5'	< 1.0	**17**	**234**	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-J	1.0'	< 1.0	< 10	**10**	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
BH-K	1.5	< 1.0	< 10	< 50	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
Stockpile		< 1.0	**13**	**66**	< 0.005	< 0.005	< 0.005	< 0.015	< 0.01
PRG		NE	NE	NE	0.62	520	230	210	NE

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

PRG is the United States Environmental Protection Agency (US EPA) Region IX Preliminary Remediation Goal (PRG) for industrial soil.

NE = PRGs are not established for this compound.

TABLE TWO

Cont. Table 2

Summary of Chemical Analysis of SOIL Samples
Extractables and Volatiles
All results are in parts per million

Boring	Sample Depth	Oil & Grease	Ethylene Glycol	Fluor-anthene	Other PNAs	Other SVOCs	HVOCs
BH-A	3.5'	-	-	-	-	-	-
BH-B	3.5'	-	-	-	-	-	-
BH-C	3.5'	-	-	-	-	-	-
BH-D	3.5'	-	-	-	-	-	-
BH-E	1.5'	-	< 10	-	-	-	< 0.005
BH-F	3.5'	-	< 10	-	-	-	< 0.005
BH-G	1.0'	-	< 10	-	-	-	< 0.005
BH-H	1.5'	-	-	-	-	-	< 0.005
BH-I	2.5'	-	< 10	< 0.3	ND	-	< 0.005
BH-J	1.0'	-	-	-	-	-	< 0.005
BH-K	1.5	-	-	-	-	-	< 0.005
Stockpile		**718**	-	**1.13**	ND	ND	< 0.005
PRG		NE	100,000	1,800	Varies	Varies	Varies

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

PRG is the United States Environmental Protection Agency (US EPA) Region IX Preliminary Remediation Goal (PRG) for residential soil.

NE = PRGs are not established for this compound.

~~TABLE THREE~~ cont. Table 2

Summary of Chemical Analysis of SOIL Samples
Metals
All results are in parts per million

Boring	Sample Depth	Cadmium	Chromium	Lead	Nickel	Zinc
BH-F	3.5'	< 2.5	**21.7**	**9.3**	**36.7**	**30.2**
BH-G	1.0'	< 2.5	**8.1**	**10**	**16**	**30**
BH-I	2.5'	< 2.5	**7.2**	**11.6**	**14.9**	**25.1**
Stockpile		< 2.5	**37.9**	**34.9**	**31.8**	**54.3**
~~PRG~~		9	210	130	150	22,000

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

PRG is the United States Environmental Protection Agency (US EPA) Region IX Preliminary Remediation Goal (PRG) for residential soil.

NE = PRGs are not established for this compound.

TABLE FOUR

Table 3

Summary of Chemical Analysis of WATER Samples
Petroleum Hydrocarbons
All results are in parts per billion

Boring	TPH Gasoline	TPH Diesel	TPH Oil	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE
BH-A	< 50	< 100	< 500	< 0.5	< 0.5	< 0.5	**28.2**	**1.1**
BH-B	**76**	< 100	< 500	< 0.5	**1.2**	< 0.5	< 1.5	**3.7*/2.4****
BH-C	< 50	< 100	< 500	< 0.5	**0.9**	< 0.5	< 1.5	**3**
BH-D	< 50	< 100	< 500	< 0.5	**0.8**	< 0.5	< 1.5	< 1
BH-F	**63,700**	**12,800**	< 500	< 0.5	< 0.5	**136**	**274**	< 1
MCL	NE	NE	NE	1	150	700	1,750	13

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

Detectable concentrations are in bold.

MCL is the California Department of Health Services maximum contaminant level for drinking water.

NE = MCLs are not established for this compound.

* = MTBE concentration by EPA Method 8020.
** = MTBE concentration by EPA Method 8260.

cont. Table 3

TABLE TWO

Summary of Chemical Analysis of WATER Samples
PNAs and HVOCs
All results are in parts per billion

Boring	PNAs	HVOCs
BH-B	-	< 0.5 - < 1.0
BH-F	< 10	< 0.5 - < 1.0
MCL	Varies	Varies

Notes:

Non-detectable concentrations are noted by the less than symbol (<) followed by the detection limit.

MCL is the California Department of Health Services maximum contaminant level for drinking water.

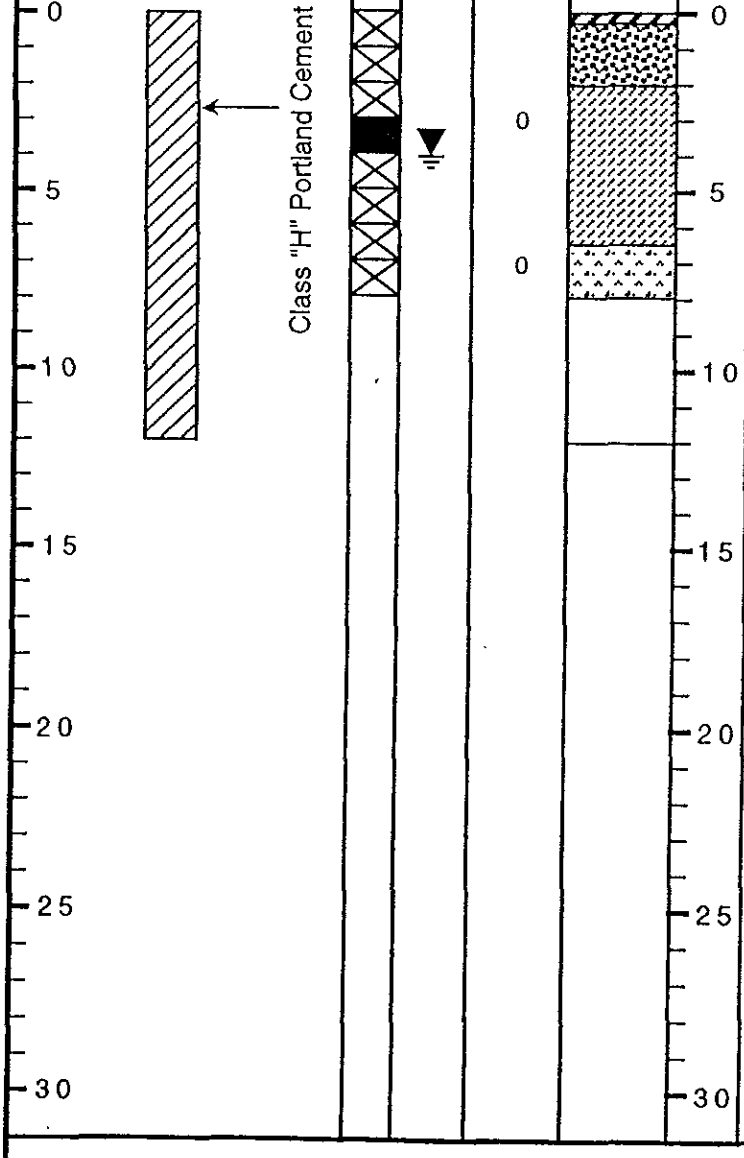
SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-A

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: 4'	Total Depth of Well Completed: NA
Static Depth of Water in Boring: 4'	Well Screen Type and Diameter: NA
Total Depth of Boring: 12'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



DESCRIPTION OF LITHOLOGY

standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.

Concrete

Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K, no odor

Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor

Gravely SAND (SW); yellow brown; medium dense; wet; 65% fine to medium sand; 20% subangular gravel to 1.5" diameter; 15% silt; non-plastic; high estimated K; no odor

No recovery between 8 and 12-feet

End of Boring at 12'

AQUA SCIENCE ENGINEERS, INC.

SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-B

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: 4'

Static Depth of Water in Boring: 4'

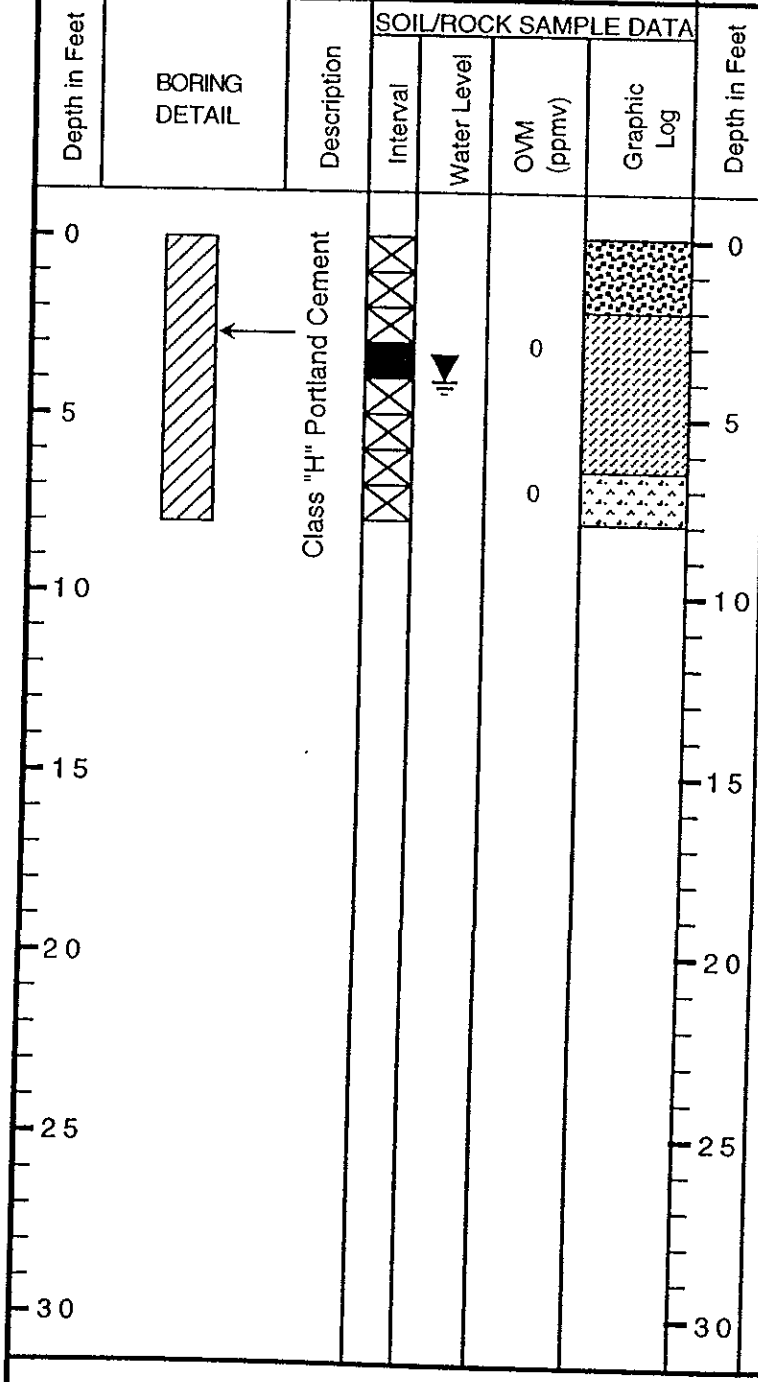
Total Depth of Boring: 8'

Total Depth of Well Completed: NA

Well Screen Type and Diameter: NA

Well Screen Slot Size: NA

Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



DESCRIPTION OF LITHOLOGY

standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.

Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor

Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor

Gravely SAND (SW); yellow brown; medium dense; wet; 65% fine to medium sand; 20% subangular gravel to 1.5" diameter; 15% silt; non-plastic; high estimated K; no odor

End of Boring at 8'

AQUA SCIENCE ENGINEERS, INC.

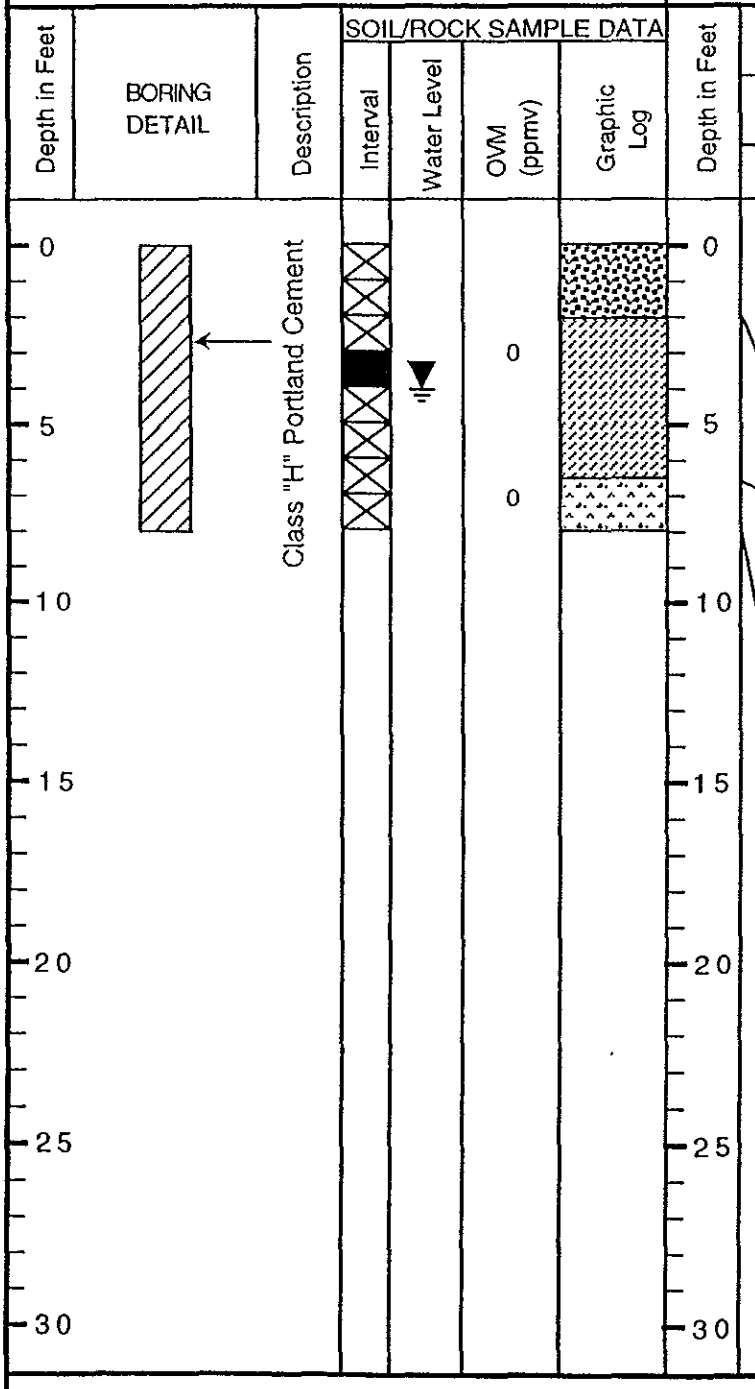
SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-C

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: 4'	Total Depth of Well Completed: NA
Static Depth of Water in Boring: 4'	Well Screen Type and Diameter: NA
Total Depth of Boring: 8'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



Depth in Feet	DESCRIPTION OF LITHOLOGY standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.
0	Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor
5	Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor
10	Gravely SAND (SW); yellow brown; medium dense; wet; 65% fine to medium sand; 20% subangular gravel to 1.5" diameter; 15% silt; non-plastic; high estimated K; no odor
	End of Boring at 8'

AQUA SCIENCE ENGINEERS, INC.

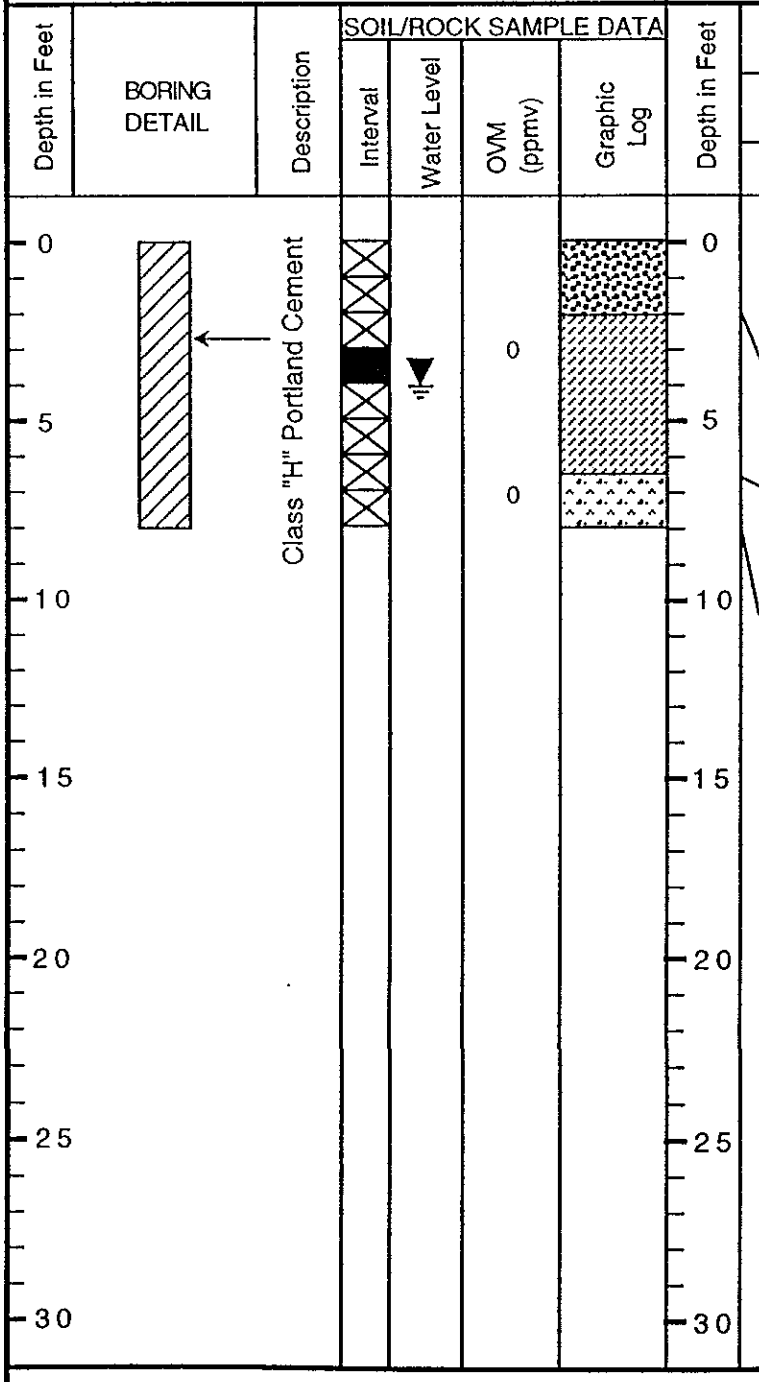
SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-D

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: 4'	Total Depth of Well Completed: NA
Static Depth of Water in Boring: 4'	Well Screen Type and Diameter: NA
Total Depth of Boring: 8'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



Depth in Feet	DESCRIPTION OF LITHOLOGY standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.
0	Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor
5	Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor
10	Gravely SAND (SW); yellow brown; medium dense; wet; 65% fine to medium sand; 20% subangular gravel to 1.5" diameter; 15% silt; non-plastic; high estimated K; no odor
	End of Boring at 8'

AQUA SCIENCE ENGINEERS, INC.

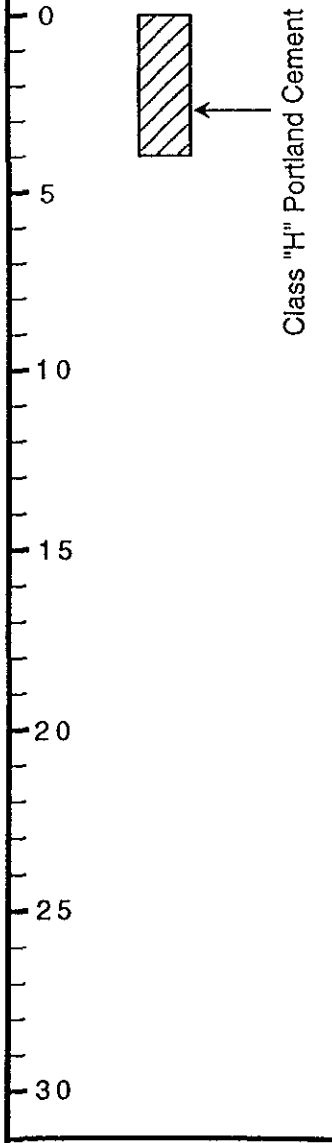
SOIL BORING LOG AND COMPLETION DETAILS

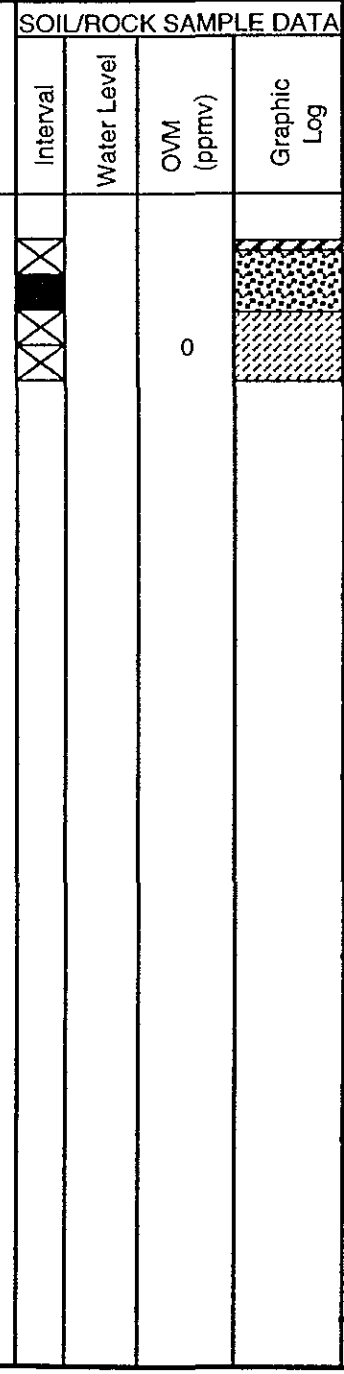
Boring BH-E

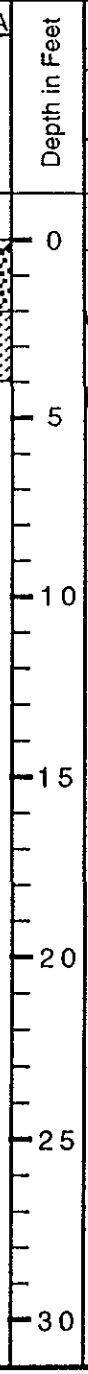
Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: Not encountered	Total Depth of Well Completed: NA
Static Depth of Water in Boring: NE	Well Screen Type and Diameter: NA
Total Depth of Boring: 4'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler







DESCRIPTION OF LITHOLOGY

standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.

Asphaltic concrete

Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor

Silty GRAVEL (GM); yellow brown; dense; moist;. 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor

End of Boring at 4'

AQUA SCIENCE ENGINEERS, INC.

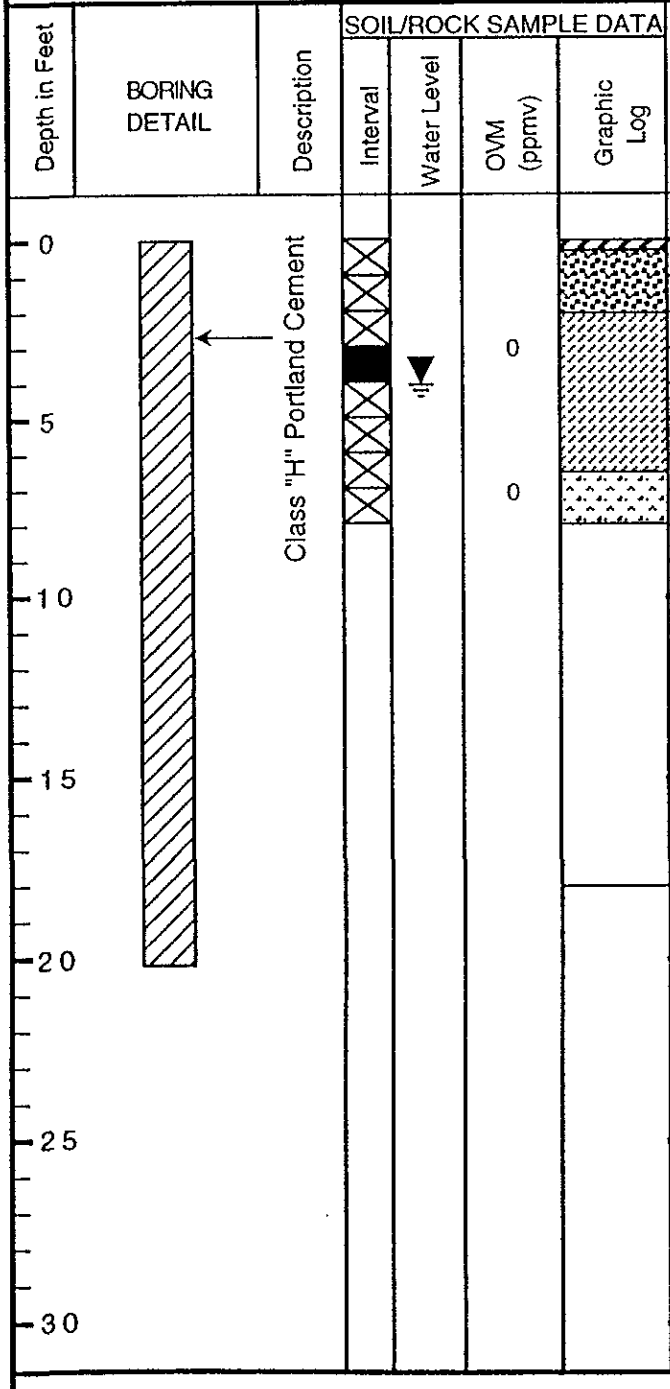
SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-F

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: 4'	Total Depth of Well Completed: NA
Static Depth of Water in Boring: 4'	Well Screen Type and Diameter: NA
Total Depth of Boring: 18'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



Depth in Feet	DESCRIPTION OF LITHOLOGY standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.
0	Asphaltic concrete
	Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor
5	Silty GRAVEL (GM); olive brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; slight paint-thinner like odor
10	Gravely SAND (SW); olive; medium dense; wet; 65% fine to medium sand; 20% subangular gravel to 1.5" diameter; 15% silt; non-plastic; high estimated K; paint-thinner like odor No recovery below 8-feet
15	
20	End of Boring at 18'
25	
30	

AQUA SCIENCE ENGINEERS, INC.

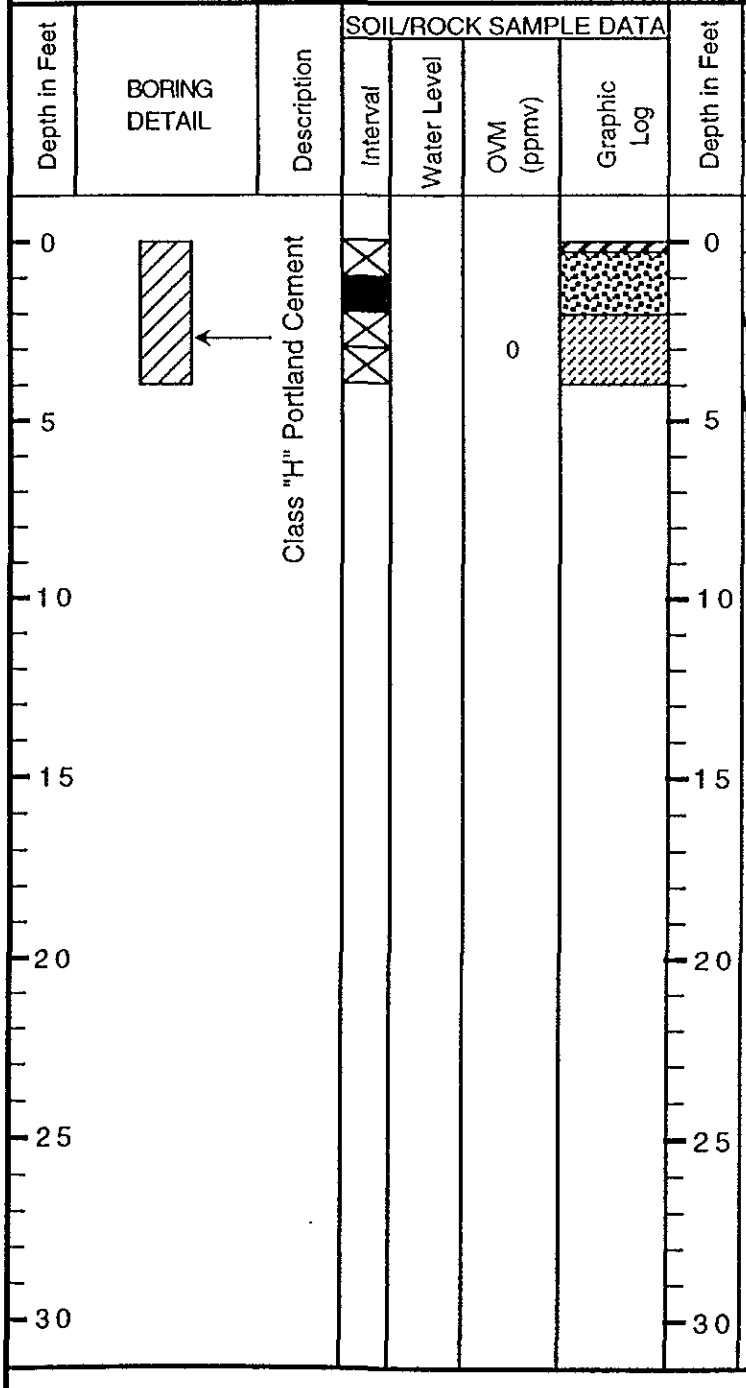
SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-G

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: Not encountered	Total Depth of Well Completed: NA
Static Depth of Water in Boring: NE	Well Screen Type and Diameter: NA
Total Depth of Boring: 4'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



Depth in Feet	DESCRIPTION OF LITHOLOGY standard classification; texture, relative moisture, density, stiffness, odor-staining, USCS designation.
0	Asphaltic concrete
	Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor
5	Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor
	End of Boring at 4'

AQUA SCIENCE ENGINEERS, INC.

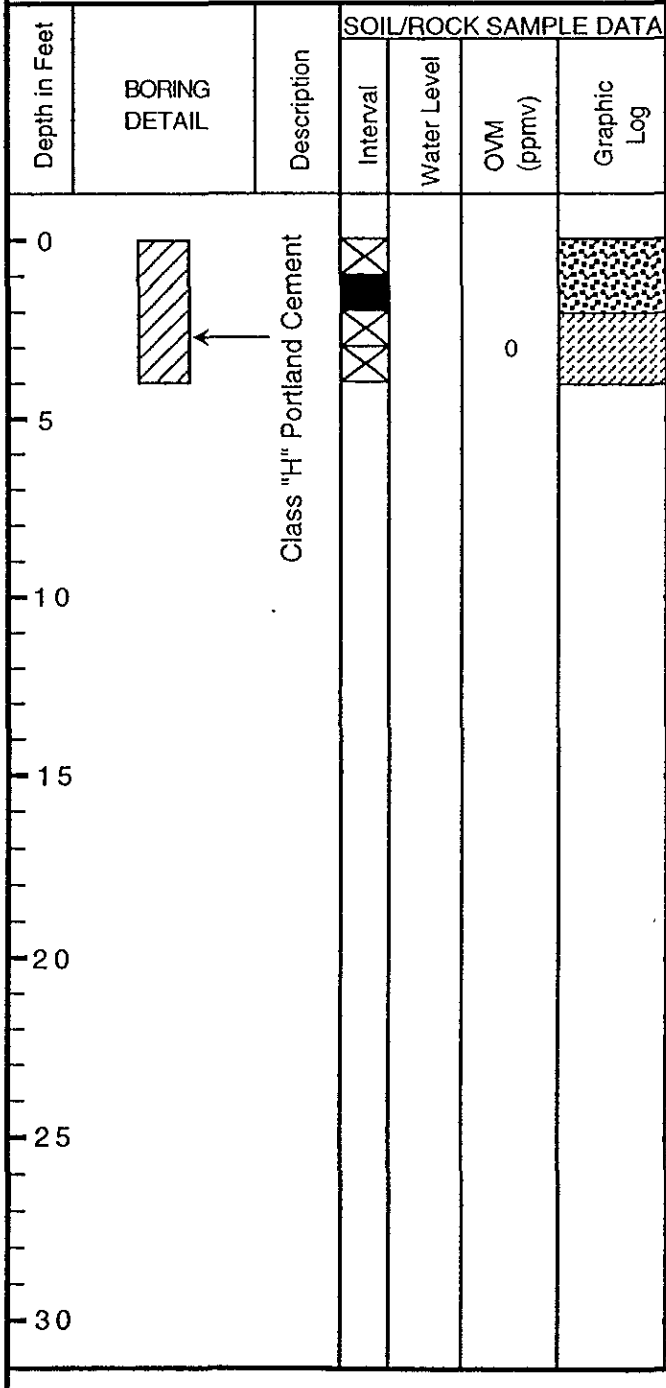
SOIL BORING LOG AND COMPLETION DETAILS

Boring BH-H

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: Not encountered	Total Depth of Well Completed: NA
Static Depth of Water in Boring: NA	Well Screen Type and Diameter: NA
Total Depth of Boring: 4'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler



Depth in Feet	DESCRIPTION OF LITHOLOGY standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.
0	Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor
5	Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor
	End of Boring at 4'

AQUA SCIENCE ENGINEERS, INC.

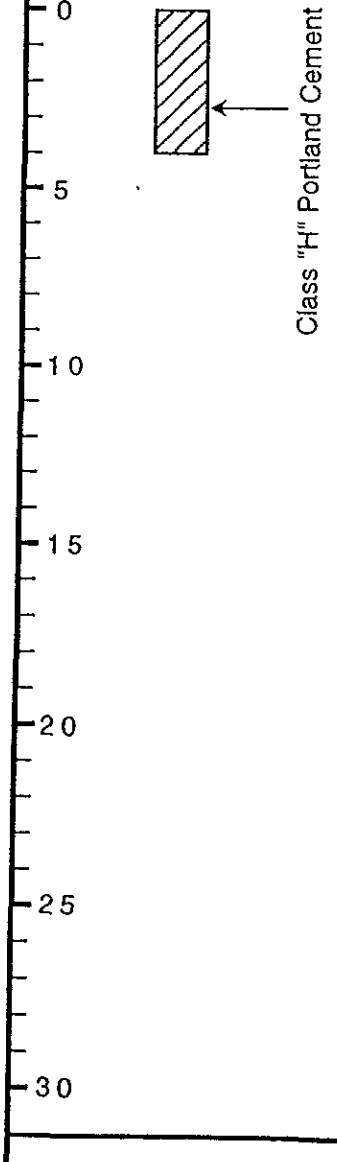
SOIL BORING LOG AND COMPLETION DETAILS

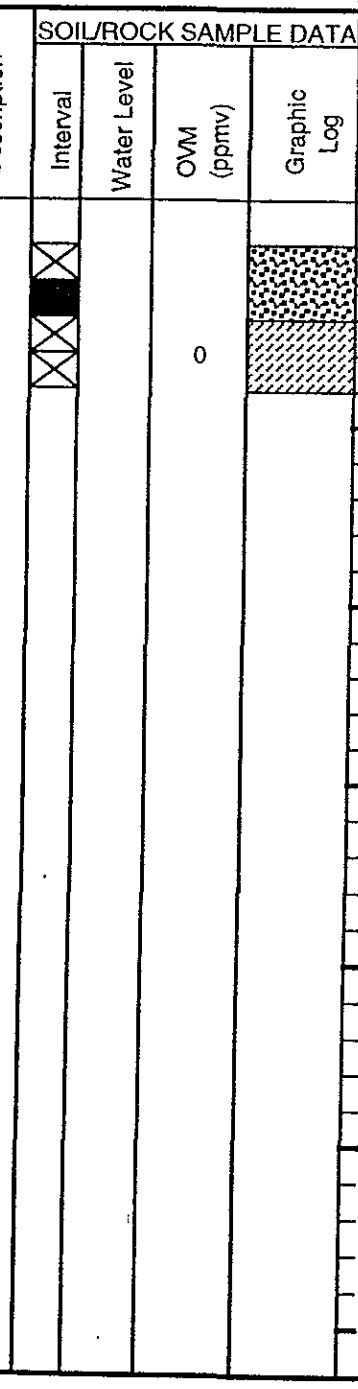
Boring BH-I

Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: Not encountered	Total Depth of Well Completed: NA
Static Depth of Water in Boring: NA	Well Screen Type and Diameter: NA
Total Depth of Boring: 4'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler





DESCRIPTION OF LITHOLOGY

standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.

Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor

Silty GRAVEL (GM); *yellow brown; dense; moist;* 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor

End of Boring at 4'

AQUA SCIENCE ENGINEERS, INC.

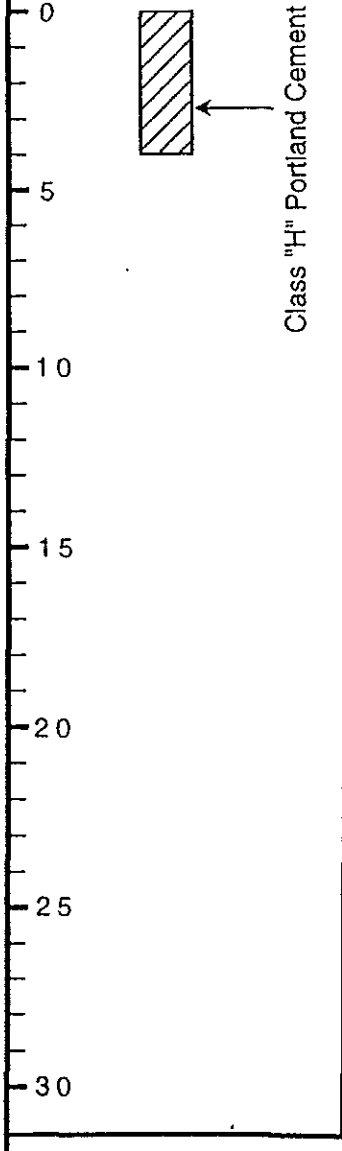
SOIL BORING LOG AND COMPLETION DETAILS

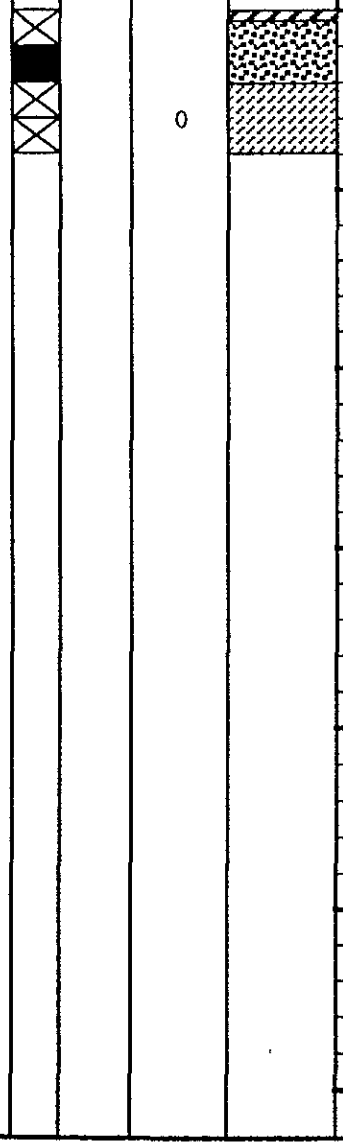
Boring BH-J

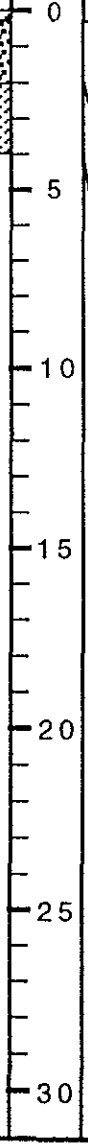
Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: Not encountered	Total Depth of Well Completed: NA
Static Depth of Water in Boring: NE	Well Screen Type and Diameter: NA
Total Depth of Boring: 4'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler







DESCRIPTION OF LITHOLOGY

standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.

Concrete

Sandy GRAVEL (GW); black; loose; damp; 65% subangular to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor

Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor

End of Boring at 4'

AQUA SCIENCE ENGINEERS, INC.

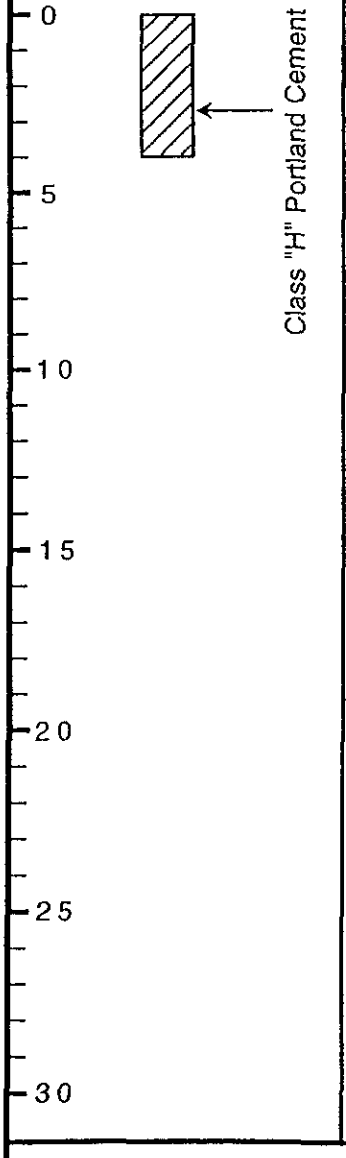
SOIL BORING LOG AND COMPLETION DETAILS

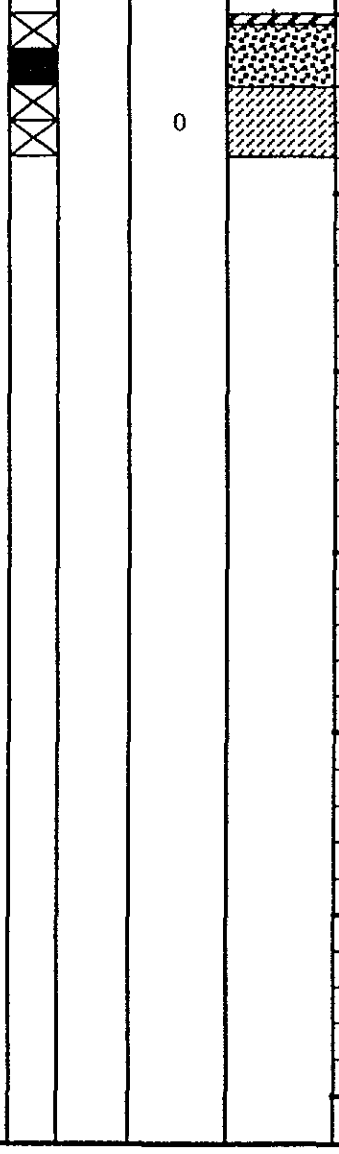
Boring BH-K

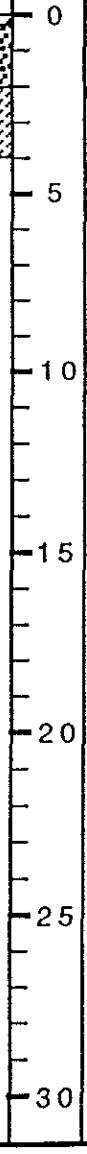
Project Name: Easy Mercedes	Project Location: 1072 2nd Street, Albany, CA	Page 1 of 1
Driller: Vironex	Type of Rig: Geoprobe	Size of Drill: 2.0" Diameter Direct Push
Logged By: Robert E. Kitay, R.G.	Date Drilled: December 29, 1999	Checked By: Robert E. Kitay, R.G.

WATER AND WELL DATA

Depth of Water First Encountered: Not encountered	Total Depth of Well Completed: NA
Static Depth of Water in Boring: NE	Well Screen Type and Diameter: NA
Total Depth of Boring: 4'	Well Screen Slot Size: NA
	Type and Size of Soil Sampler: 2.0" I.D. Macrocore Sampler







DESCRIPTION OF LITHOLOGY

standard classification, texture, relative moisture, density, stiffness, odor-staining, USCS designation.

Concrete

Sandy GRAVEL (GW); black; *loose; damp; 65% subangular* to subrounded gravel to 1.5" diameter; 30% fine to medium sand; 5% silt; non-plastic; high estimated K; no odor

Silty GRAVEL (GM); yellow brown; dense; moist; 75% angular to subangular gravel to 2" diameter; 15-20% silt; 5-10% medium sand; non-plastic; high estimated K; no odor

End of Boring at 4'

AQUA SCIENCE ENGINEERS, INC.