

**ENVIRONMENTAL BIO-SYSTEMS, INC.**

P.O. Box 7171

San Jose, California 95150-7171

**FACSIMILE COVER SHEET**DATE: 8 / 13 / 99 TIME: 14:58 AM/PM PDTTO: Eva ChuOF: Alameda County Health Care Services AgencyFACSIMILE NUMBER: 1(510) 337-9335FROM: Dave Sadoff**Message: RE: East Bay Dischargers Authority**

Eva,

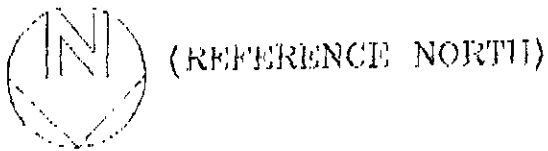
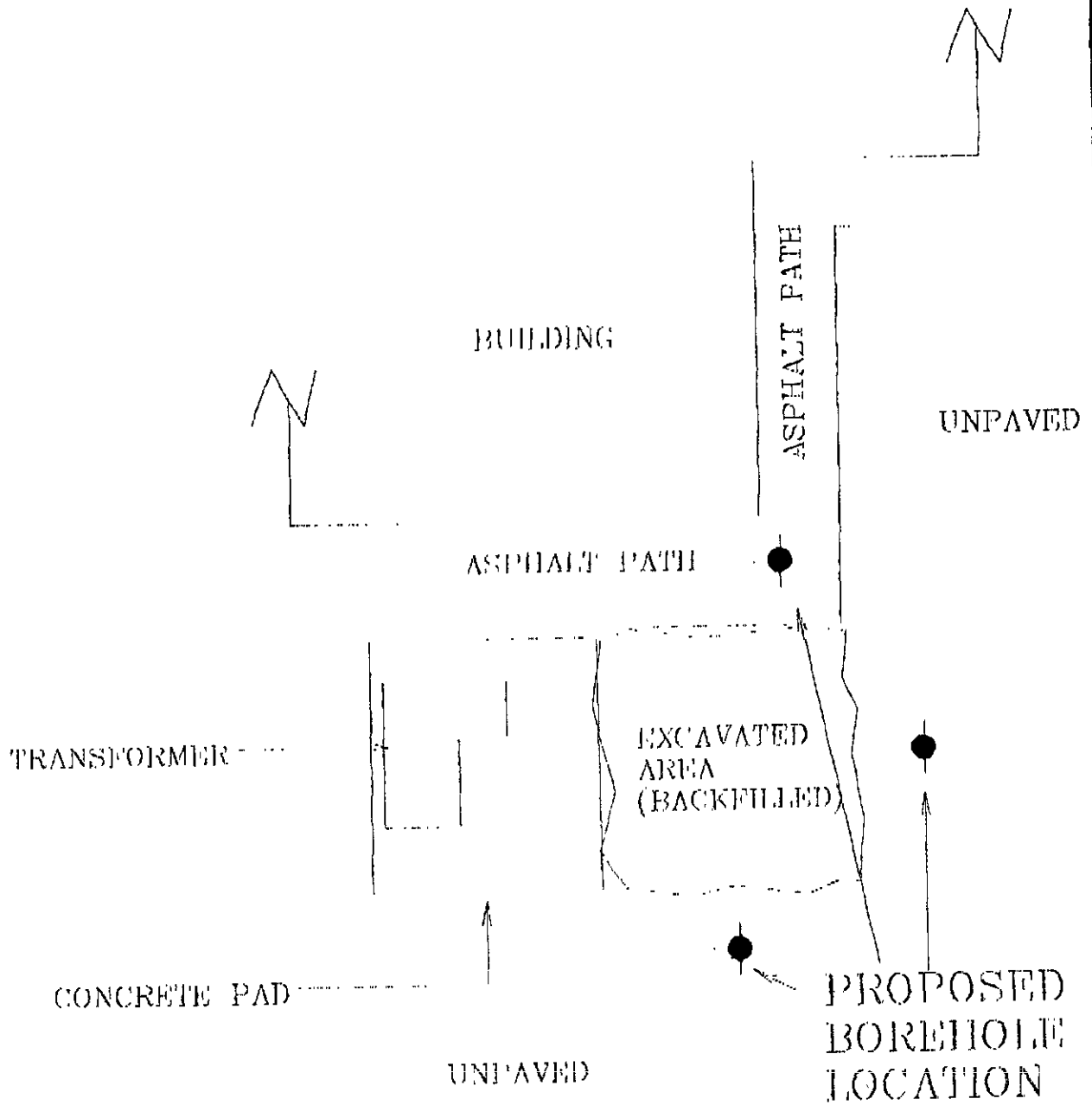
The following page shows the borehole locations we discussed during our phone conversation this afternoon. We also understand your desire to have all samples additionally analyzed for MTBE. Should one or more samples show positive for TPHd, the highest such sample (1 water, 1 soil) will be additionally analyzed for PAHs. You may reach me at my direct line (317-1455) with your comments or questions.


Regards,

Dave Sadoff

NUMBER OF PAGES (including cover): 2Original to follow via: N/A

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 ENVIRONMENTAL BIO-SYSTEMS, INC	DATE: 7/28/99	<b>FIGURE 1: PROPOSED BOREHOLE LOCATIONS</b>  East Bay Dischargers Auth 2651 Grant Avenue San Lorenzo, California
	DRAWN BY DAS	
	SCALE NTS	

**ENVIRONMENTAL BIO-SYSTEMS, INC.**

P.O. Box 7171

San Jose, California 95150-7171

**FACSIMILE COVER SHEET**DATE: 8 / 30 / 99 TIME: 10:42 AM/PM PDTTO: Eva ChuOF: Alameda County Health Care Services AgencyFACSIMILE NUMBER: 1(510) 337-9335FROM: Dave Sadoff**Message: RE: Last Bay Dischargers Authority**

Revised Figure 1 showing proposed exploratory borehole location to follow, per your request. You may reach me at my direct line (510-317-1455) should you have any questions or comments.

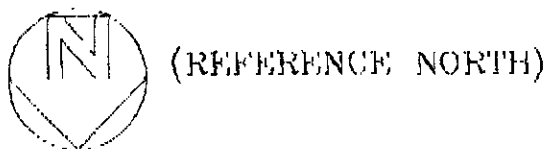
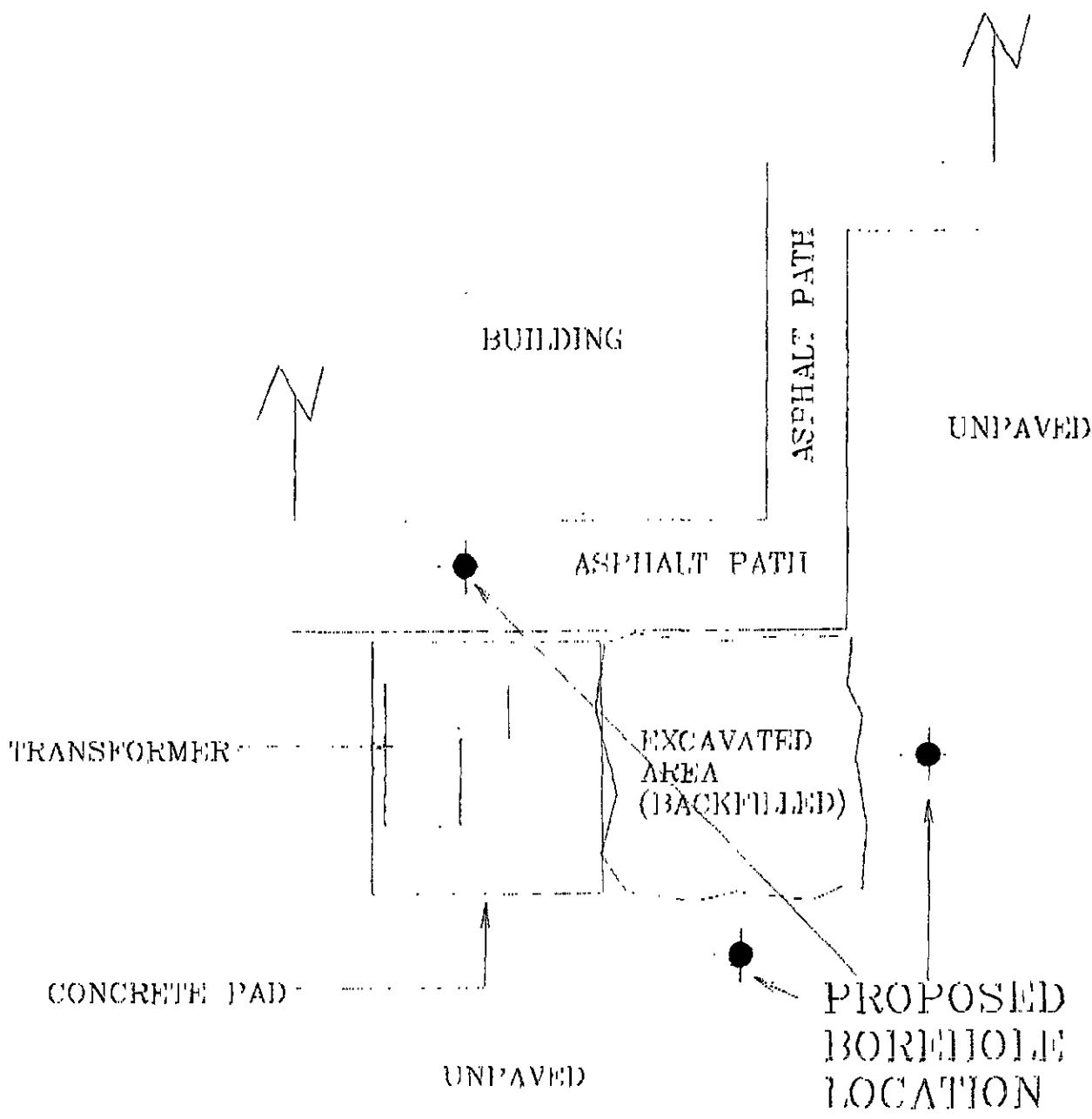
Regards,


Dave Sadoff

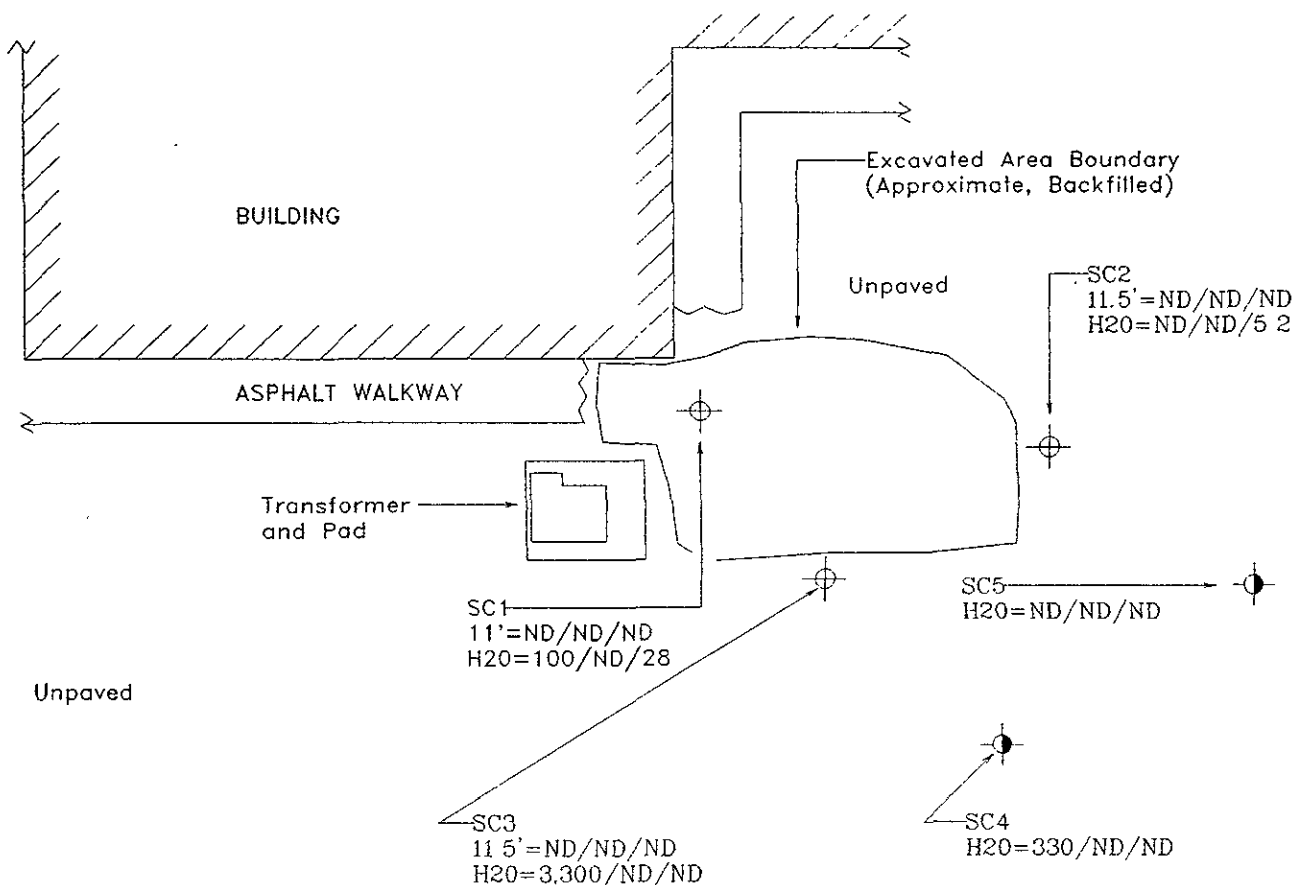
NUMBER OF PAGES (including cover): 2Original to follow via: N/A

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unable to do N~~E~~ boring - relocated,  
not enough water in south boring for  
PNAs. Ask Tom to do BTEX + MTBE  
and DS. And also estimate needed  
for not needing a permanent well.  
Cap lining ss were no for spill.

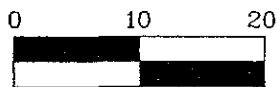


 <p>ENVIRONMENTAL BIO-SYSTEMS, INC.</p>	<p>DATE: 7/28/99</p>	<p>FIGURE 1 - PROPOSED BORHOLE LOCATIONS</p> <p>East Bay Dischargers Auth. 2651 Grant Avenue San Lorenzo, California</p>
	<p>DRAWN BY DAS</p>	
	<p>SCALE: NTS</p>	

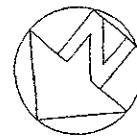


**NOTES**

- ⊕ SC3 11.5' = ND/ND/ND SOIL SAMPLE DEPTH TPHd/BENZENE/MTBE  
H2O = 3,300/ND/ND WATER SAMPLE TPHd/BENZENE/MTBE
  - ⊙ CORE LOCATION AND DESIGNATION (2/00)
- ALL RESULTS IN  $\mu\text{G/L}$  (WATER) OR  $\mu\text{G/KG}$  (SOIL)



SCALE IN FEET



DATE:  
3/9/00

PROJECT =  
157-544B

SCALE:  
AS SHOWN

**FIGURE 2: CORE LOCATIONS AND ANALYTICAL RESULTS**

E. BAY DISCHARGERS AUTH.  
2651 GRANT AVENUE  
SAN LORENZO, CALIFORNIA



### TPH Diesel in Water

Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
5681	SC4-H <sub>2</sub> O	TPH/Diesel	330 ①	50

Date Sampled: 02/15/00	Date Extracted: 02/23/00	QC Batch #: 1099
Date Received: 02/16/00	Date Analyzed: 02/23/0	Method: EPA 3510/8015M
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
5682	SC5-H <sub>2</sub> O	TPH/Diesel	ND ①	50

Date Sampled: 02/15/00	Date Extracted: 02/23/00	QC Batch #: 1099
Date Received: 02/16/00	Date Analyzed: 02/23/0	Method: EPA 3510/8015M
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

- ① The extract was treated with silica gel prior to analysis to remove non-petroleum based polar hydrocarbons. The hydrocarbons present in the chromatogram are primarily in the chromatographic region where weathered diesel would be observed (see enclosed chromatograms A, B & C). There also appears to be some hydrocarbons present with a slightly higher boiling point than diesel. It should be considered that Silica Gel may not completely remove all naturally occurring hydrocarbons in a complex water collected very near the edge of the San Francisco Bay.



TPH Gasoline in Water

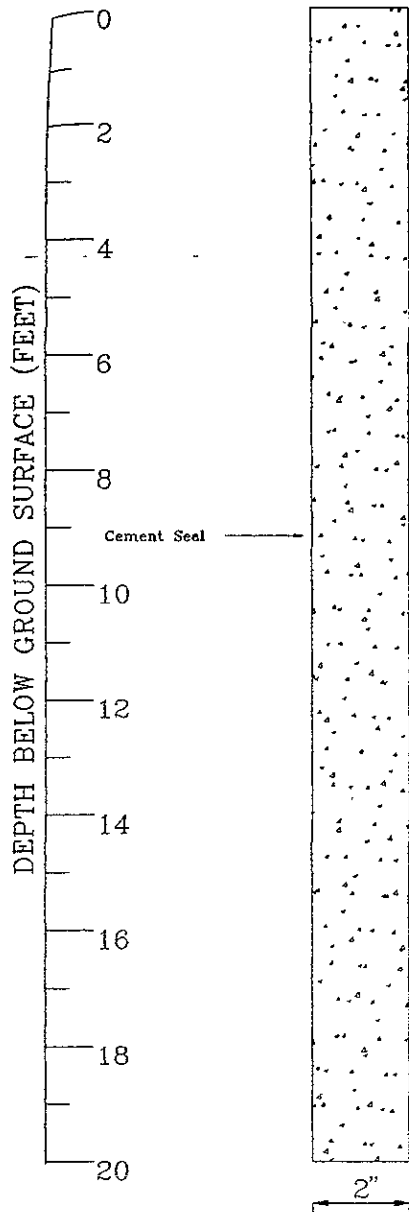
Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
5681	SC4-H <sub>2</sub> O	MTBE	ND	2.5
		Benzene	ND	0.5
		Toluene	8.1	0.5
		Ethyl Benzene	ND	0.5
		Xylenes	ND	1.5

Date Sampled: 02/15/00 Date Analyzed: 02/17/00 QC Batch #: 1080  
Date Received: 02/16/00 Method: EPA 5030/8015M/8020  
Holding Time Met: Yes  No

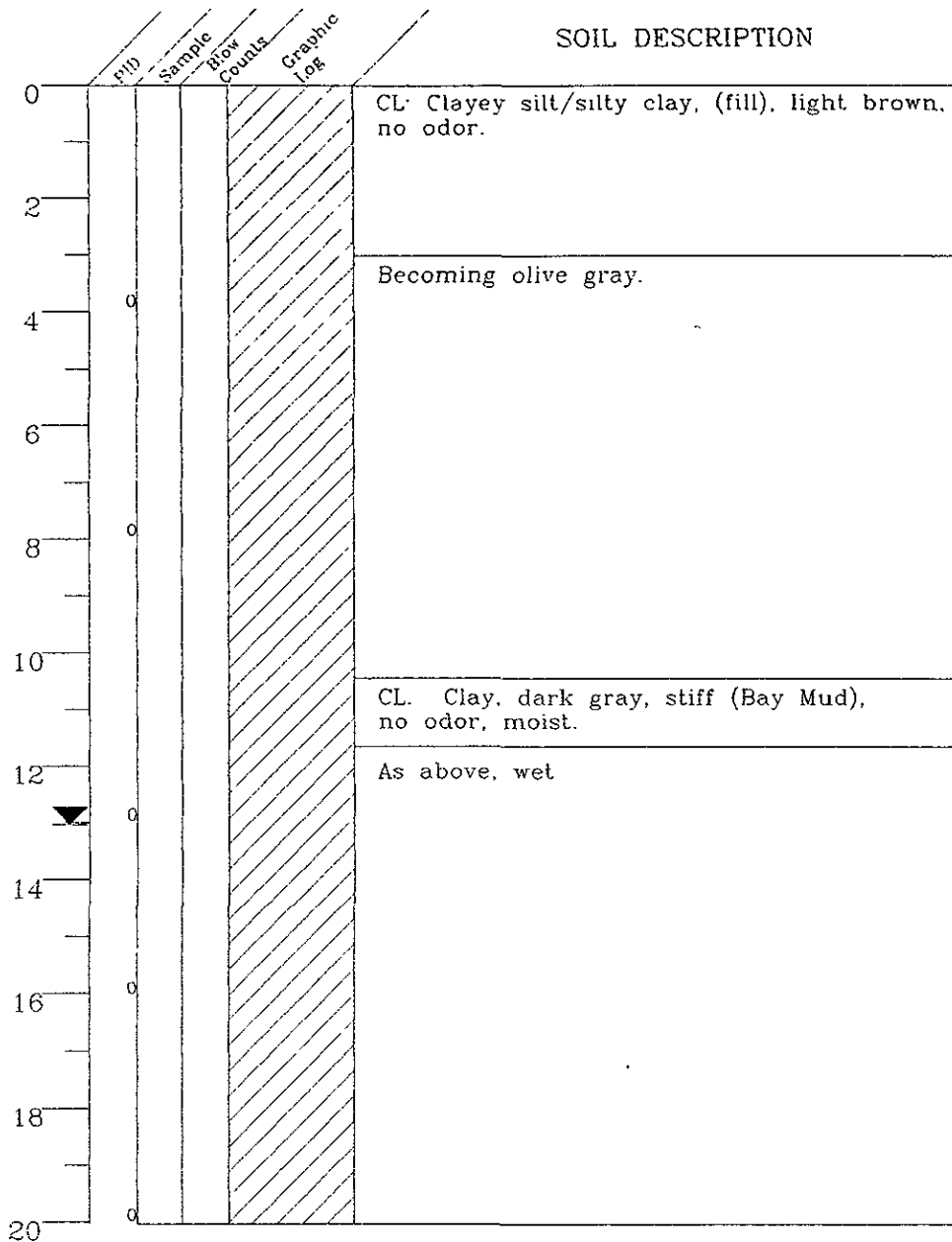
Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
5682	SC5-H <sub>2</sub> O	MTBE	ND	2.5
		Benzene	ND	0.5
		Toluene	ND	0.5
		Ethyl Benzene	ND	0.5
		Xylenes	ND	1.5

Date Sampled: 02/15/00 Date Analyzed: 02/17/00 QC Batch #: 1080  
Date Received: 02/16/00 Method: EPA 5030/8015M/8020  
Holding Time Met: Yes  No

## SOIL CORE DETAILS



## SOIL DESCRIPTION



Logged by: DAS  
 Inspector: N/A  
 Date: 2/15/00

Drilling Contractor: Fast-Tek  
 Drilling Method: DPT  
 Driller: Eric

Sanitary Seal/Backfill: Cement  
 Sampler Type: Acetate Sleeve  
 Total Boring Depth: 20 feet



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 BIO-SYSTEMS, INC.

### EXPLANATION

- ▼ water level during drilling
- ..... potential water level
- ... field sample
- chemical analysis sample
- geotechnical analysis sample
- field sample
- grade/ground
- NR no records
- CONTACTS
- certified
- approximate
- uncertain

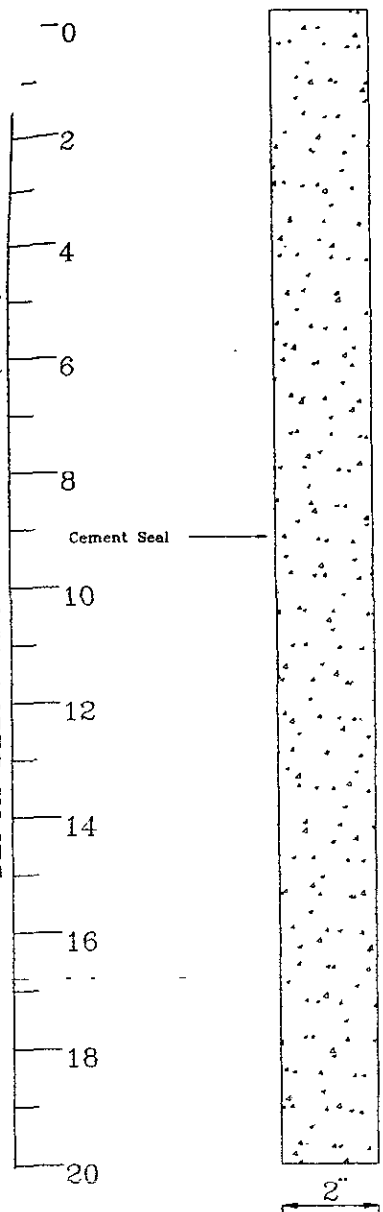
### SITE:

E BAY DISCH AUTH  
 2651 GRANT AVENUE  
 SAN LORENZO, CA  
 PROJECT #157-544B

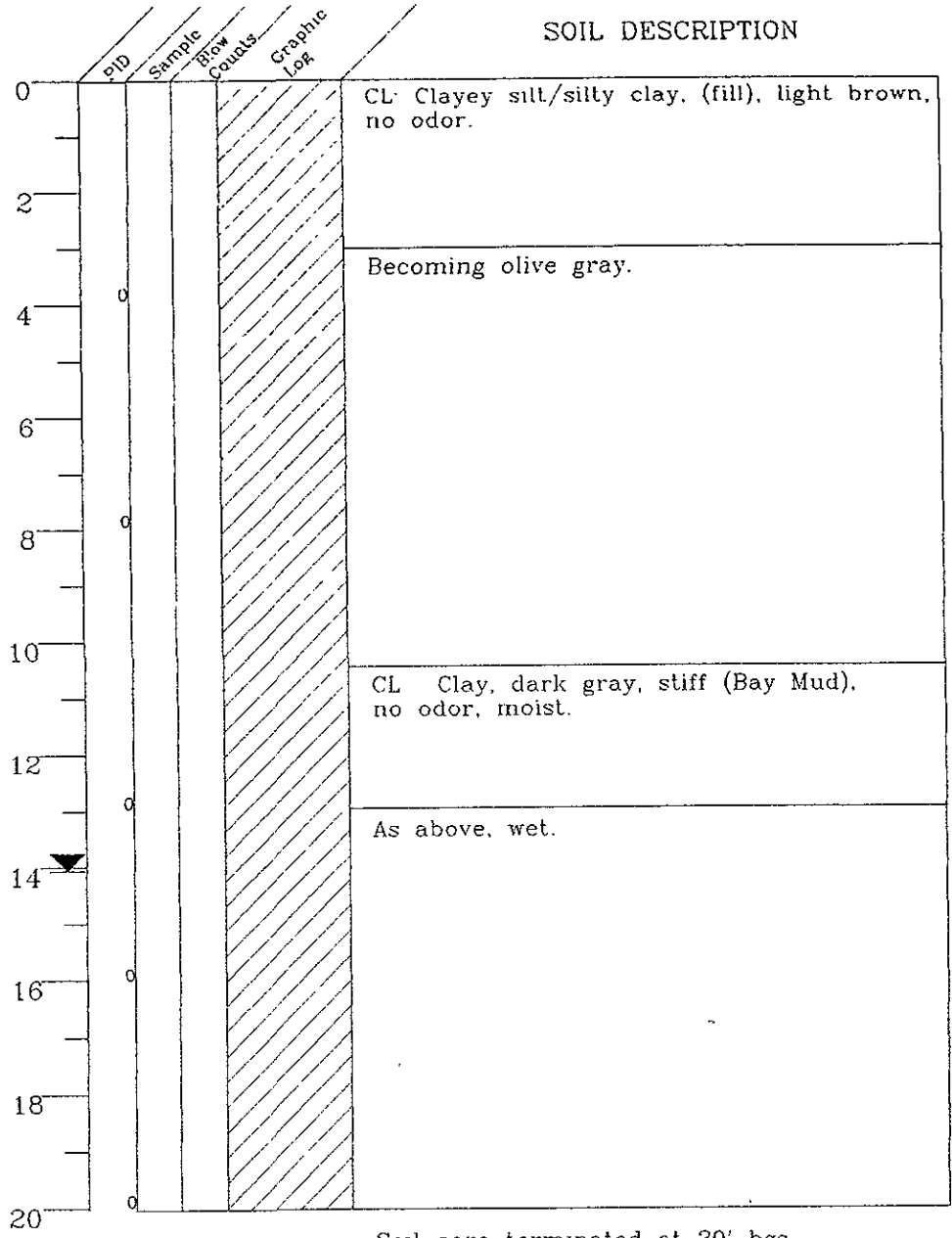
CHEN  
 E BAY DISCHARGERS AUTH  
 2651 GRANT AVENUE  
 SAN LORENZO, CALIFORNIA



## SOIL CORE DETAILS



## SOIL DESCRIPTION



Soil core terminated at 20' bgs.

Logged by: DAS Inspector: N/A Date: 2/15/00	Drilling Contractor: Fast-Tek Drilling Method: DPT Driller: Eric	Sanitary Seal/Backfill: Cement Sampler Type: Acetate Sleeve Total Boring Depth: 20 feet
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EXPLANATION	
▼ water level during drilling - - - potentiometric water level . . . and sample ■ (broth analysis) sample □ (general analysis) sample □ (grab sample)	--- gray mud --- (unlabeled) --- contacts --- (unlabeled) --- (unlabeled)

**SITE:**  
 E BAY DISCH AUTH  
 2651 GRANT AVENUE  
 SAN LORENZO, CA  
 PROJECT #157-544B

**CLIENT:**  
 E BAY DISCHARGERS AUTH  
 2651 GRANT AVENUE  
 SAN LORENZO CALIFORNIA