BLYMYER
ENGINEERS, INC.

May 10, 2005
BEI Job No. 202016

Mr. Robert Schultz
Alameda County Health Care Services Agency
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Additional Site Investigation Data Transmittal**
Dolan Trust Property
6393 Scarlett Court
Dublin, California
ACHCSA Site # 4322

Dear Mr. Schultz:

Blymyer Engineers, Inc. is pleased to forward the attached additional data that has been generated at the subject site (Figures 1 and 2) in response to the Alameda County Health Care Services Agency (ACHCSA) letter dated November 15, 2004, and the subsequent workplan approval contained in the ACHCSA January 24, 2005 letter. This data transmittal is consistent with dynamic investigation procedures referenced in the January 2005 letter. Due to the very short period of time remaining prior to property transaction closure, and the consequent need to keep the project progressing forward, full reporting is proposed for a later date.

Background

For the most recent compendium of background information, please refer to the *First Quarter 2005 Groundwater Monitoring Event*, dated April 11, 2005.

Soil Bore Installation

On February 18, 2005, Blymyer Engineers mobilized to the site to install two dual-tube direct-push soil bores in an attempt to collect the approved soil and groundwater samples. As a precursor to the mobilization, a conduit survey was conducted. Due to poor soil recovery from soil bores SB-J and SB-K on that date, an additional mobilization to the site was required. After notifying, and obtaining approval from the ACHCSA, a Cone Penetrometer Test (CPT) direct-push rig was mobilized to the site on March 28, 2005, and two CPT soil bores were installed. Copies of logs for soil bores SB-J and SB-K, and CPT bores CPT-1 and CPT-2 are attached to this letter. Bore locations have been noted on Figure 2.

1829 CLEMENT AVENUE ALAMEDA, CA 94501•1395 PHONE 510•521•3773 FAX 510•865•2594

Soil bores SB-J and SB-K were positioned through or very near the former UST basin in an attempt to determine the presumed worst-case vertical extent for soil and groundwater contamination. Soil bore CPT-1 was positioned in close proximity to the former UST basin in order to examine deeper strata at essentially the same approximate location as bores SB-J and SB-K. Bore CPT-2 was positioned in the approximate downgradient direction; however, site operations and physical constraints limited the positioning.

Based on the analytical data, the vertical extent of impacted soil appears to have been delineated (Table IV). Although attempts were made to eliminate potential cross-contamination during the collection of grab groundwater samples, moderate concentrations of fuel hydrocarbon compounds were detected in deeper discrete grab groundwater samples (Table IIB). Based on these data, it appears that one or more additional groundwater monitoring wells will be required to more fully investigate and delineate the vertical and lateral extent of impacted groundwater beneath the site. It is noted that the deeper grab groundwater sample obtained from bore CPT-1 contains a higher concentration of fuel hydrocarbon compounds than the shallower sample. Therefore, an investigation below the 50 foot maximum explored depth may be required. This should be determined based on the groundwater analytical data generated from a deeper well (MW-7), where representative groundwater samples can be collected and groundwater contaminant trends can be evaluated.

The most appropriate location for well MW-7 is in the vicinity of the former UST basin such that it can definitively determine the vertical extent of impacted groundwater. However, currently anticipated remedial activities incorporate remedial overexcavation of the release location in order to remove significantly impacted soil and groundwater that remains at that location. Due to the strong probability that a well in close proximity to the anticipated excavation would be destroyed by excavation, Blymyer Engineers proposes that well MW-7 be positioned approximately 25 feet downgradient (south) from the southern perimeter of the former UST basin. The southerly flow direction is documented for deeper water-bearing zones at the adjacent Busick-Gearing site, as well as in the rose diagram of flow vectors for shallower water-bearing zones at the subject site (Figure 3). The rose diagram excluded wells MW-5 and MW-6 from flow and gradient calculations due to a much shallower screened interval in these two wells, and due to the significant use of water in the concrete batch process. Copies of all previous bore and well logs are also attached to this data transmittal. Table B-1 provides a tabulation of well construction information.

Soil bore CPT-2, located in the approximate downgradient direction, appears to indicate that the lateral extent of groundwater contamination may have essentially been defined during CPT bore installation.

Estate Timeline

The timeline which will be observed between the Dolan Estate and the property purchaser, Dublin Honda, is as follows:

- April 30, 2005: Tenants vacated
- May 15, 2005: Power off
- May 16 to 18, 2005: Destroy two water supply wells under Zone 7 permit
- June 1, 2005: Release of funds; begin building demolition, including pavement removal
- July 15, 2005: End building demolition period; begin site remediation period
- August 1, 2005: Start of substantial remediation period
- January 1, 2006: Close of escrow; end of substantial site remediation period
- January 2, 2006: Beginning of monitoring period

Other Site Activities

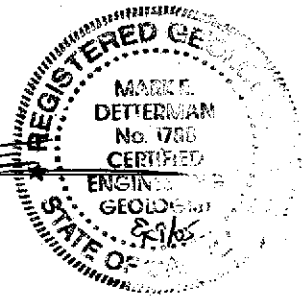
On April 13, 2005, CSS Environmental Services was present at the site to survey the horizontal position and vertical elevation of the six groundwater monitoring wells for entry into the GeoTracker database. Uploading into GeoTracker should occur within the next several weeks.

In the near future, Blymyer Engineers will be generating a revised Corrective Action Plan (CAP) as requested in the November 15, 2004 document. Most additional data requested in the November 15, 2004 letter will be incorporated into the CAP.

If you should have any questions, please call Mark Detterman at (510) 521-3773.

Sincerely,

By: _____
Mark E. Detterman, C.E.G. 1788
Senior Geologist



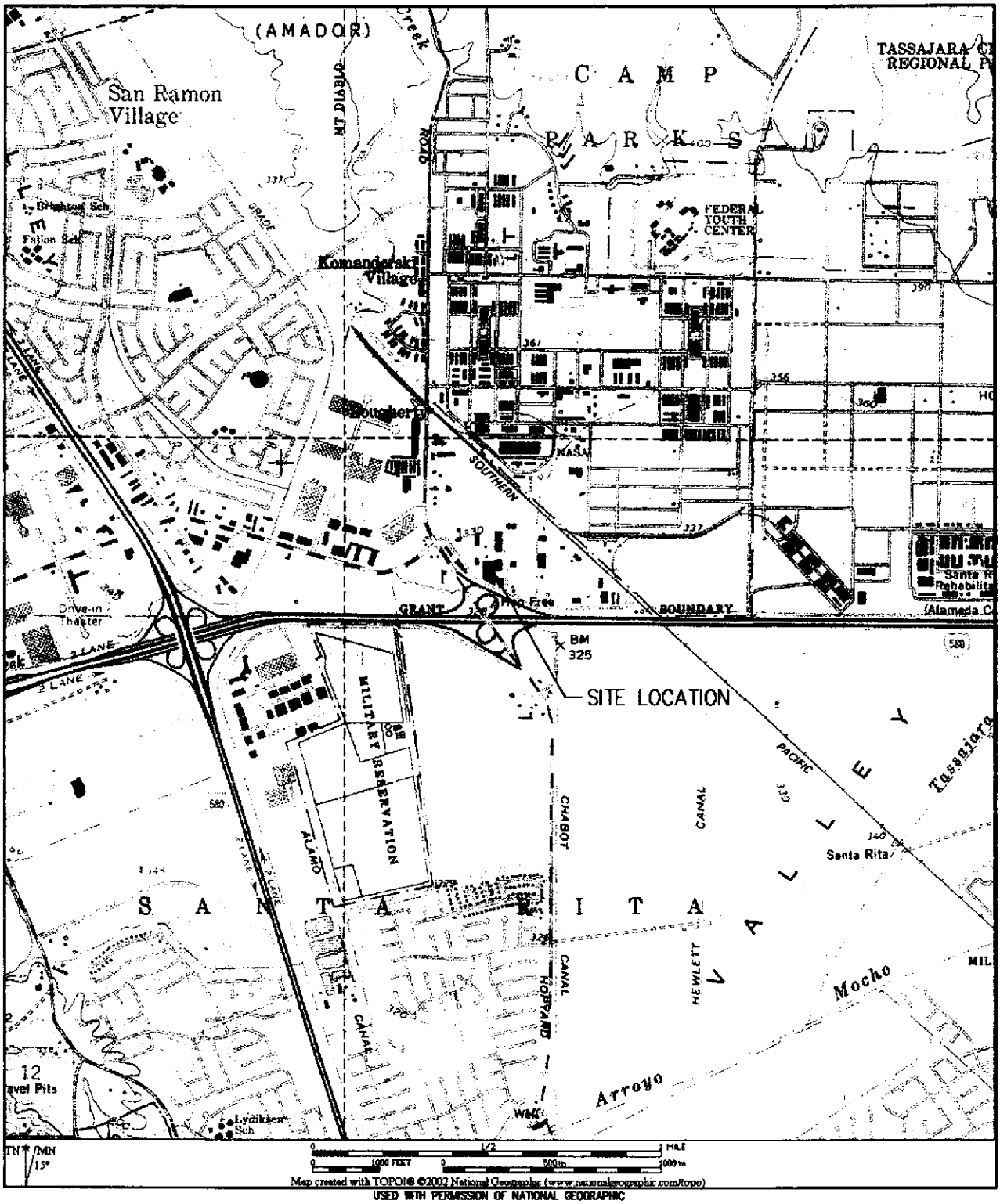
And: _____
Michael S. Lewis
Vice President, Technical Services

Enclosures: Figure 1: Site Location Map
Figure 2: Soil Bore and Monitoring Well Location Plan
Figure 3: Rose Diagram of Groundwater Flow Vectors

Table IIB: Summary of Miscellaneous Groundwater Sample Hydrocarbon Analytical Results
Table IV: Summary of Soil Sample Hydrocarbon Analytical Results
Table B-1: Summary of Groundwater Well Construction Details

Recent Bore Logs: SB-J, SB-K, CPT-1, and CPT-2
Previous Bore and Well Logs

cc. Mr. Michael Fitzpatrick, Trustee, Estate of Michael Dolan
Peter MacDonald, Esq.



BLYMYER ENGINEERS, INC.

BEI JOB NO.	DATE
202016	6-27-02

LEGEND

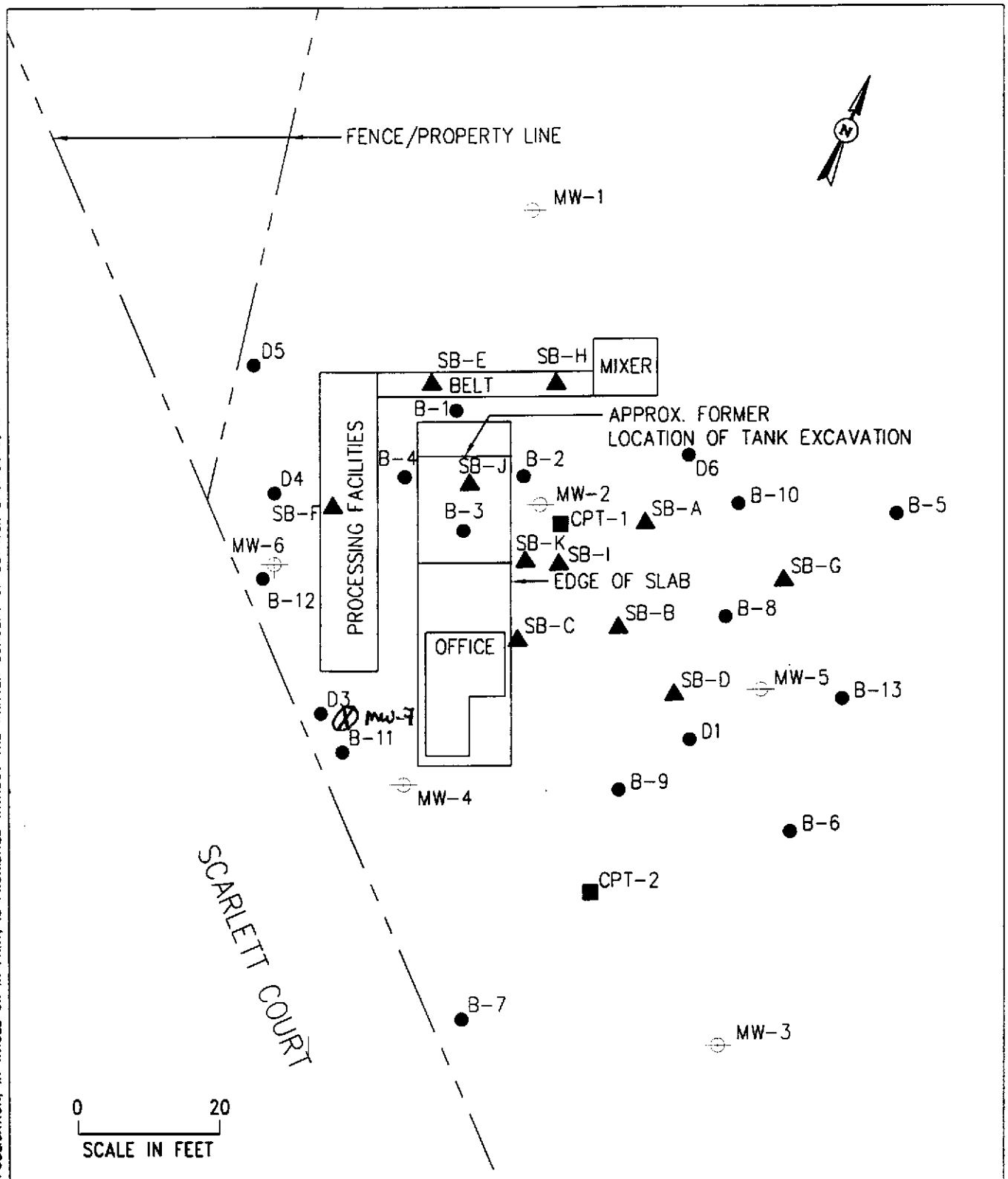
-

SITE LOCATION MAP

FORMER DOLAN RENTAL PROPERTY
6393 SCARLETT COURT
DUBLIN, CA

FIGURE 1

I:\Acad\2002dwg\202016\202016fig1.dwg 6/27/02 11:44 am



BASED ON SITE PLAN GENERATED BY AQUA SCIENCE ENGINEERS, INC.

BLYMYER ENGINEERS, INC.

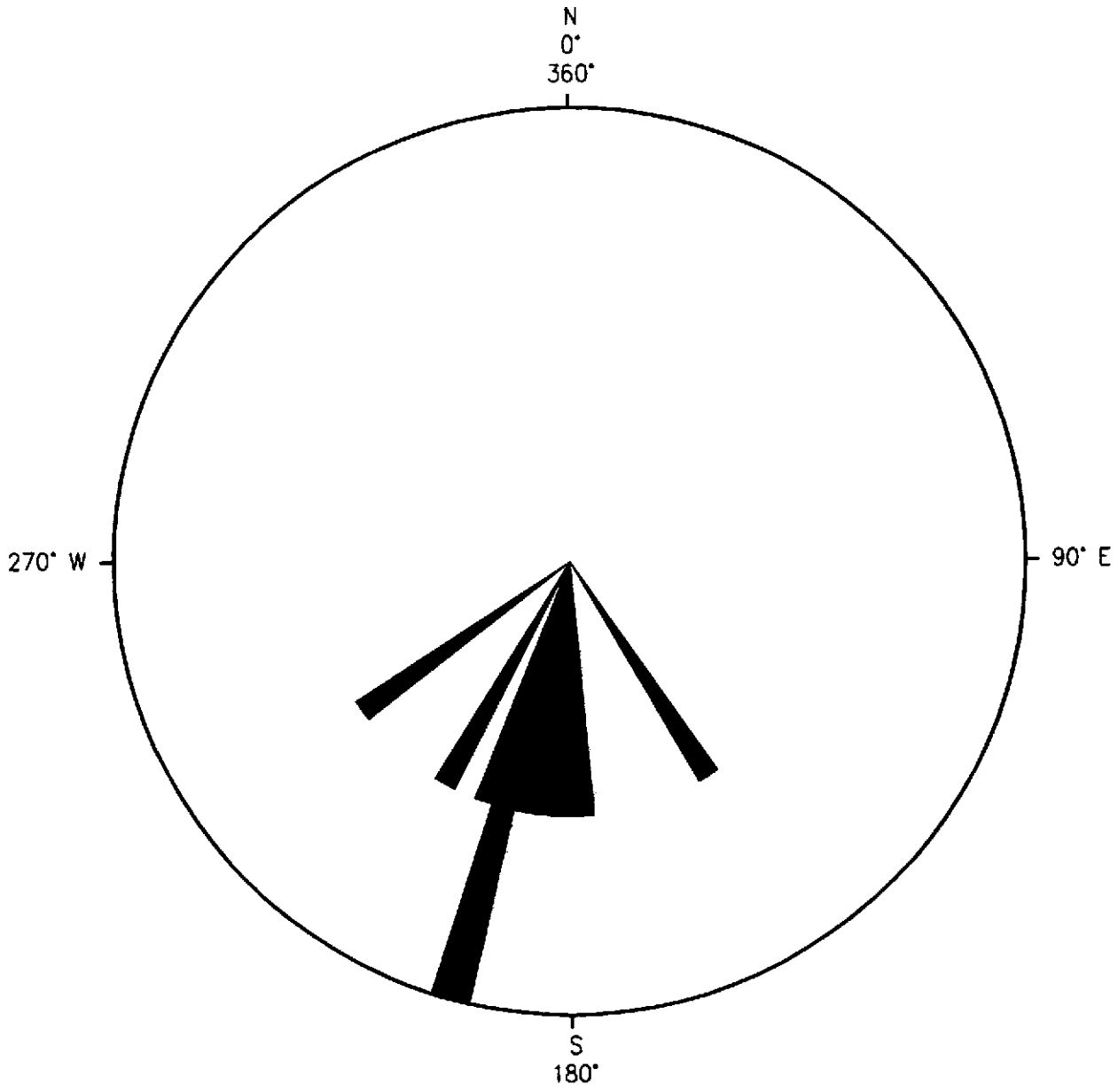
BEI JOB NO.	DATE
202016	5-4-05

LEGEND
- GROUNDWATER MONITORING WELL
- SOIL BORE (BY OTHERS)
- GEOPROBE SOIL BORE
- CPT BORE
- ⊗ Proposed well

SOIL BORE AND MONITORING WELL LOCATION MAP
FORMER DOLAN RENTAL PROPERTY
6393 SCARLETT COURT
DUBLIN, CA

FIGURE 2

L:\Acad\2002dwg\202016\202016fig2g.dwg May 04, 2005 - 11:08AM lwiltstock



NOTE:
EACH SHADED SPACE REPRESENTS ONE FLOW DIRECTION (VECTOR ±5°), OR ONE RANGE OF FLOW DIRECTIONS

BLYMYER ENGINEERS, INC.

BEI JOB NO.	DATE
202016	5-9-05

ROSE DIAGRAM OF GROUNDWATER FLOW VECTORS (EXCLUDING MW-5 & MW-6)
FORMER DOLAN RENTAL PROPERTY
6393 SCARLETT COURT
DUBLIN, CA

FIGURE 3

L:\Acad\2002dwg\202016\202016fig3b.dwg May 10, 2005 - 1:36PM twitstock

Table IIB, Summary of Miscellaneous Groundwater Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Date	Modified EPA Method 8015 (µg/L)		EPA Method 8020 (µg/L)				
		TPH as Gasoline	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
D1	10/3/90	**22,000**	NA	**250**	<30	**750**	**880**	NA
D3	10/3/90	**110,000**	NA	**600**	**200**	**800**	**1,000**	NA
D4	10/3/90	**15,000**	NA	**1,300**	<30	**700**	**1,000**	NA
D5	10/3/90	**420**	NA	**2.4**	<0.3	**14**	**4.2**	NA
D6	10/3/90	**320,000**	NA	**4,000**	**4,400**	**3,700**	**10,000**	NA
B-1	11/4/92	**Free Product**						
B-2	11/4/92	**Free Product**						
B-3	11/4/92	NA	NA	NA	NA	NA	NA	NA
B-4	11/4/92	**Free Product**						
B-5	11/4/92	<50	NA	<0.3	<0.3	<0.3	<0.3	NA
B-6	11/4/92	<50	NA	<0.3	<0.3	<0.3	<0.3	NA

Table IIB. Summary of Miscellaneous Groundwater Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Date	Modified EPA Method 8015 (μg/L)		EPA Method 8020 (μg/L)				
		TPH as Gasoline	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
B-7	11/4/92	<50	NA	<0.3	<0.3	<0.3	<0.3	NA
B-8	11/4/92	**Free Product**						
B-9	11/4/92	**170**	NA	**1.7**	<0.3	**2.4**	**1.4**	NA
B-10	11/4/92	**7,800**	NA	**48**	**19**	**190**	**150**	NA
B-11	11/14/92	<50	NA	<0.3	<0.3	<0.3	<0.3	NA
B-12	11/14/92	<50	NA	<0.3	<0.3	<0.3	<0.3	NA
B-13	12/10/92	<50	NA	<0.3	<0.3	<0.3	<0.3	NA
SB-K-4W	2/18/05	**74,000** [a,b]	**47,000** [b,c,d]	**9,100**	**840**	**4,200**	**11,000**	NA
SB-K-19.5W	2/18/05	**5,600** [a,b]	**2,400** [b,c,e]	**210**	**140**	**160**	**550**	NA
CPT1-34W	3/28/05	**150** [a]	<50	**11**	**6.5**	**5.3**	**17**	NA
CPT1-40W	3/28/05	**320** [a]	**61** [d]	**33**	**23**	**15**	**46**	NA

Table IIB, Summary of Miscellaneous Groundwater Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Date	Modified EPA Method 8015 (μg/L)		EPA Method 8020 (μg/L)				
		TPH as Gasoline	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
CPT2-23W	3/28/05	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
CPT2-35W	3/28/05	<50	**60** [d]	<0.5	<0.5	<0.5	<0.5	NA
RWQCB Groundwater ESL: Groundwater IS NOT a Current or Potential Source of Drinking Water (Table B)		500	640	46	130	290	13	1,800
RWQCB Groundwater ESL: Groundwater IS a Current or Potential Source of Drinking Water (Table A)		100	100	1.0	40	3.0	13	5.0

Table IIB, Summary of Miscellaneous Groundwater Sample Hydrocarbon Analytical Results, continued

Notes:
- µg/L = Micrograms per liter
- TPH = Total Petroleum Hydrocarbons
- MTBE = Methyl *tert*-butyl ether
- NA = Not analyzed
- <x = Less than the analytical detection limit (x)
- EPA = Environmental Protection Agency
- N/A = Not applicable
- [a] = Laboratory note indicates an unmodified or weakly modified gasoline pattern.
- [b] = Laboratory note indicates a lighter than water immiscible sheen / product is present.
- [c] = Laboratory note indicates diesel range compounds are significant; no recognizable pattern.
- [d] = Laboratory note indicates gasoline range compounds are significant.
- [e] = Laboratory note indicates oil range compounds are significant.

Bold results indicate detectable analyte concentrations.
Shaded results indicate analyte concentrations above the respective RWQCB ESL value (Groundwater IS Current or Potential Source of Drinking Water).

Table IV, Summary of Soil Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Depth (ft)	Date	Modified EPA Method 8015 (mg/Kg)		EPA Method 8020 or 8021B (mg/Kg)				
			TPH as Gas	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
East of 600 gal tank	7	2/5/90	740	1,100 *	14	35	23	110	NA
Dirt pile (composite)	---	2/6/90	1,700	2,000 **	15	78	37	210	NA
D1-10*	11.0	10/3/90	0.60	NA	<0.005	<0.005	<0.005	<0.005	NA
MW1-4A	11.0	11/22/91	<1	NA	<0.003	<0.003	<0.003	<0.003	NA
MW2-4A	11.0	11/22/91	140	NA	1.7	3.6	2.6	14	NA
MW3-4A	11.0	11/22/91	<1	NA	<0.003	0.005	<0.003	<0.003	NA
MW4-2A	11.0	11/22/91	<1	NA	<0.003	0.006	0.005	<0.003	NA
B-1	5.0	11/3/92	23	NA	0.13	0.033	1.4	0.038	NA
B-1	10.0	11/3/92	36	NA	0.095	0.030	0.69	1.7	NA
B-2	5.0	11/3/92	34	NA	0.28	1.4	0.63	4.1	NA
B-2	10.0	11/3/92	40	NA	1.3	0.63	0.98	4.8	NA

Table IV, Summary of Soil Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Depth (ft)	Date	Modified EPA Method 8015 (mg/Kg)		EPA Method 8020 or 8021B (mg/Kg)				
			TPH as Gas	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
B-3	5.0	11/3/92	<1	NA	<0.003	**0.004**	<0.003	**0.008**	NA
B-3	10.0	11/3/92	**42**	NA	**1.1**	**0.13**	**0.86**	**4.7**	NA
B-4	5.0	11/3/92	**470**	NA	**2.3**	**8.6**	**6.6**	**38**	NA
B-4	10.0	11/3/92	**23**	NA	**0.89**	**0.22**	**0.47**	**2.3**	NA
SB-A-3.5	3.5	9/16/03	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SB-B-7.5	7.5	9/16/03	**5.9** [a]	**1.4** [b]	**0.024**	**0.17**	**0.098**	**0.019**	<0.05
SB-B-17	17	9/16/03	**49** [a]	**10** [b]	**0.022**	**0.17**	**0.30**	**0.67**	<0.05
SB-C-8.5	8.5	9/16/03	**150** [a]	**32** [b c d]	**3.1**	**1.2**	**2.4**	**11**	<0.50
SB-C-18	18	9/16/03	**640** [a]	**180** [b c d]	**9.9**	**7.1**	**11**	**42**	<2.5
SB-D-10	10	9/16/03	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SB-D-13	13	9/16/03	**5.2** [a]	**2.9** [b d]	**0.014**	**0.040**	**0.088**	**0.046**	<0.05

Table IV, Summary of Soil Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Depth (ft)	Date	Modified EPA Method 8015 (mg/Kg)		EPA Method 8020 or 8021B (mg/Kg)				
			TPH as Gas	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
SB-E-13.5	13.5	9/16/03	**1.7** [a]	**2.6** [c d]	<0.005	**0.036**	<0.005	<0.005	<0.05
SB-F-17.75	17.75	9/16/03	**210** [a]	**62** [b c]	**0.27**	**0.56**	**2.1**	**1.0**	<5.0
SB-G-8	8	9/16/03	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05
SB-H-12	12	9/16/03	**65** [a]	**12** [b c d]	<0.025	**0.64**	**0.37**	**0.11**	<0.25
SB-I-3.5	3.5	9/16/03	**2,600** [a]	**1,500** [b c]	**3.1**	**3.4**	**51**	**20**	<10
SB-I-8.25	8.25	9/16/03	**1,600** [a]	**260** [b c]	**19**	**45**	**33**	**110**	<10
SB-I-13.5	13.5	9/16/03	**430** [a]	**110** [b c d]	**11**	**14**	**8.7**	**35**	<10
SB-J-7.5	7.5	2/18/05	**550** [a]	**33** [b c]	**2.8**	**0.83**	**8.5**	**13**	NA
SB-K-9	9.0	2/18/05	**130** [a]	**8.8** [b c]	**4.8**	**1.7**	**2.3**	**8.6**	NA
SB-K-19.5	19.5	2/18/05	**130** [a]	**4.4** [b c]	**0.48**	**1.2**	**1.6**	**6.2**	NA

Table IV, Summary of Soil Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Depth (ft)	Date	Modified EPA Method 8015 (mg/Kg)		EPA Method 8020 or 8021B (mg/Kg)				
			TPH as Gas	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
CPT1-23.5	23.5	3/28/05	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA
CPT1-29.5	29.5	3/28/05	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA
CPT1-41.5	41.5	3/28/05	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA
CPT2-8.0	8.0	3/28/05	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA
CPT2-28	28	3/28/05	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA
CPT2-43	43	3/28/05	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA

Table IV. Summary of Soil Sample Hydrocarbon Analytical Results
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Sample ID	Depth (ft)	Date	Modified EPA Method 8015 (mg/Kg)		EPA Method 8020 or 8021B (mg/Kg)				
			TPH as Gas	TPH as Diesel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
RWQCB ESL Commercial / Industrial Land Use; **Shallow Soils** (<3m); Groundwater IS Current or Potential Source of Drinking Water (Table A)			100	100	0.044	2.9	3.3	1.5	0.023
RWQCB ESL Commercial / Industrial Land Use; **Deep Soils** (>3m); Groundwater IS Current or Potential Source of Drinking Water (Table B)			100	100	0.044	2.9	3.3	1.5	0.023
RWQCB ESL Commercial / Industrial Land Use; **Shallow Soils** (<3m); Groundwater IS NOT a Current or Potential Source of Drinking Water (Table B)			400	500	0.38	9.3	13	1.5	5.6
RWQCB ESL Commercial / Industrial Land Use; **Deep Soils** (>3m); Groundwater IS NOT a Current or Potential Source of Drinking Water (Table D-2)			400	500	0.5	9.3	13	1.5	5.6

Table IV, Summary of Soil Sample Hydrocarbon Analytical Results, continued

Notes:

ft	=	feet
mg/Kg	=	Milligrams per kilogram
TPH	=	Total Petroleum Hydrocarbons
MTBE	=	Methyl *tert*-butyl ether
NA	=	Not analyzed
<x	=	Less than the analytical detection limit (x)
*	=	Depth mismarked in field.
EPA	=	Environmental Protection Agency
[a]	=	Laboratory note indicates an unmodified or weakly modified gasoline pattern.
[b]	=	Laboratory note indicates gasoline range compounds are significant.
[c]	=	Laboratory note indicates diesel range compounds are significant, with no recognizable pattern.
[d]	=	Laboratory note indicates oil range compounds are significant.

Bold results indicate detectable analyte concentrations.
Shaded results indicate analyte concentrations above the respective *commercial* RWQCB ESL value, (Groundwater IS Current or Potential Source of Drinking Water).

Table B-1, Summary of Groundwater Well Construction Details
BEI Job No. 202016, Dolan Rentals
6393 Scarlett Court, Dublin, California

Well Number	Installation Date	Bore Depth (feet, bgs)	Well Completion Depth (feet, bgs)	Screen Interval (feet, bgs)	Casing Diameter / Slot Size (inches)	Measured Depth March 23, 2005 (feet, bgs)	DTW March 23, 2005 (feet, bgs)	Consultant
MW-1	11/22/91	20	20	5 - 20	2 / 0.020	19.34	1.14	PES
MW-2	11/21/91	20	20	5 - 20	2 / 0.020	19.76	1.83	PES
MW-3	11/21/91	20	20	5 - 20	2 / 0.020	18.41	1.83	PES
MW-4	11/21/91	20	20	5 - 20	2 / 0.020	18.64	1.93	PES
MW-5	2/23/95	10	10	3 - 10	2 / 0.020	9.83	2.39	PES
MW-6	3/14/95	10	10	3 - 10	2 / 0.020	9.90	3.40	PES

Notes: bgs = Below grade surface
PES = PES Environmental, Inc.

BLYMYER ENGINEERS, INC.

Soil Bore Log: SB-J

Dolan Property
6393 Scarlett Court, Dublin, CA

Job Number:	: 202016	Drilling Equipment	: Dual-Walled Probe
Date Drilled:	: February 18, 2005	Sample Method	: Dual-Walled Probe
Logged By	: Mark Detterman	Soil Bore Diameter	: 1.25 inch
Drilling Company	: Gregg Drilling	Total Drilled Depth	: 20.0 feet
Driller	: Chris / Marco		

Sample Recovery: Collected; Retained; Analyzed; Unrecovered

Water Level: ▼ 3.0 feet; ▽

Depth in Feet	Blow Count	PID	Sample Recovery	Sample No.	DESCRIPTION	USCS	GRAPHIC
0					6 inches (raised) concrete slab.	GR	
1–4					No recovery 0.5 to 4 feet (Trace medium gray to dark gray CLEAN SAND; medium to course grained; (UST backfill))	SP	
4–7					Medium gray to dark gray; CLEAN SAND; medium to course grained; UST backfill; soft; wet	SP	
6		107					
7		231			Dark to medium grey SILTY CLAY; wet; odor	CL	
7.5–8				SB-J-7.5	with caliche nodules; 1/8 inch rounded pebbles	CL	
9–14					No recovery 9 to 14 feet.		
14–16					Medium greenish-gray SILTY CLAY; wet	CL	
16		238					
16–19					No Recovery 16 to 19 feet		
19–20					Medium to dark greenish-gray SILTY CLAY; wet	CL	
20					Bore Terminated at 20 feet.		

(Grouted upon completion)

04-14-2005 H:\Blymyer Jobs\2002\202016 dolan\202016.dol\Bore Logs\SB-J.bor

BLYMYER ENGINEERS, INC.

Soil Bore Log: SB-K

Dolan Property
6393 Scarlett Court, Dublin, CA

Job Number:	: 202016	Drilling Equipment	: Dual-Walled Probe
Date Drilled:	: February 18, 2005	Sample Method	: Dual-Walled Probe
Logged By	: Mark Detterman	Soil Bore Diameter	: 1.25 inch
Drilling Company	: Gregg Drilling	Total Drilled Depth	: 36 feet
Driller	: Chris / Marco		

Sample Recovery: Collected; Retained; Analyzed; Unrecovered

Water Level: ▼ 4.0 feet; ▽

(Grouted upon completion)

Depth in Feet	Blow Count	PID	Sample Recovery	Sample No.	DESCRIPTION	USCS	GRAPHIC
0					2 inches asphalt.		
1–3					Medium gray to greenish-gray SILTY CLAY; with 20% fine grained sand; sand decreasing at 2 ft bgs.	CL	
4							
5		575			Medium gray CLAYEY SAND; fine to medium grained; odor; wet	SC	
6				SB-K-4W	Medium gray SILTY CLAY; odor; wet.		
7–8		499				CL	
9				SB-K-9			
10		296					
11–13							
14					Light brown color mottling within medium greenish-gray SILTY CLAY; wet		
15		446					
16–18						CL	
19		22					
20				SB-K-19.5	Medium greenish-gray CLAYEY SAND; medium grained; wet.	SC	
21					No Recovery		
22–27							
28		82			Brown SILTY CLAY; wet.	CL	
29					No Recovery; soft		
30–31							
32		22			Brown SILTY CLAY; with native organic carbon flecks	CL	
33					No Recovery; firmer		
34–35							
36					Light brown SILTY SAND; course grained, with 20% course gravel; wet.	SP	
37					Bore Terminated at 36.0 feet.		
38–40							

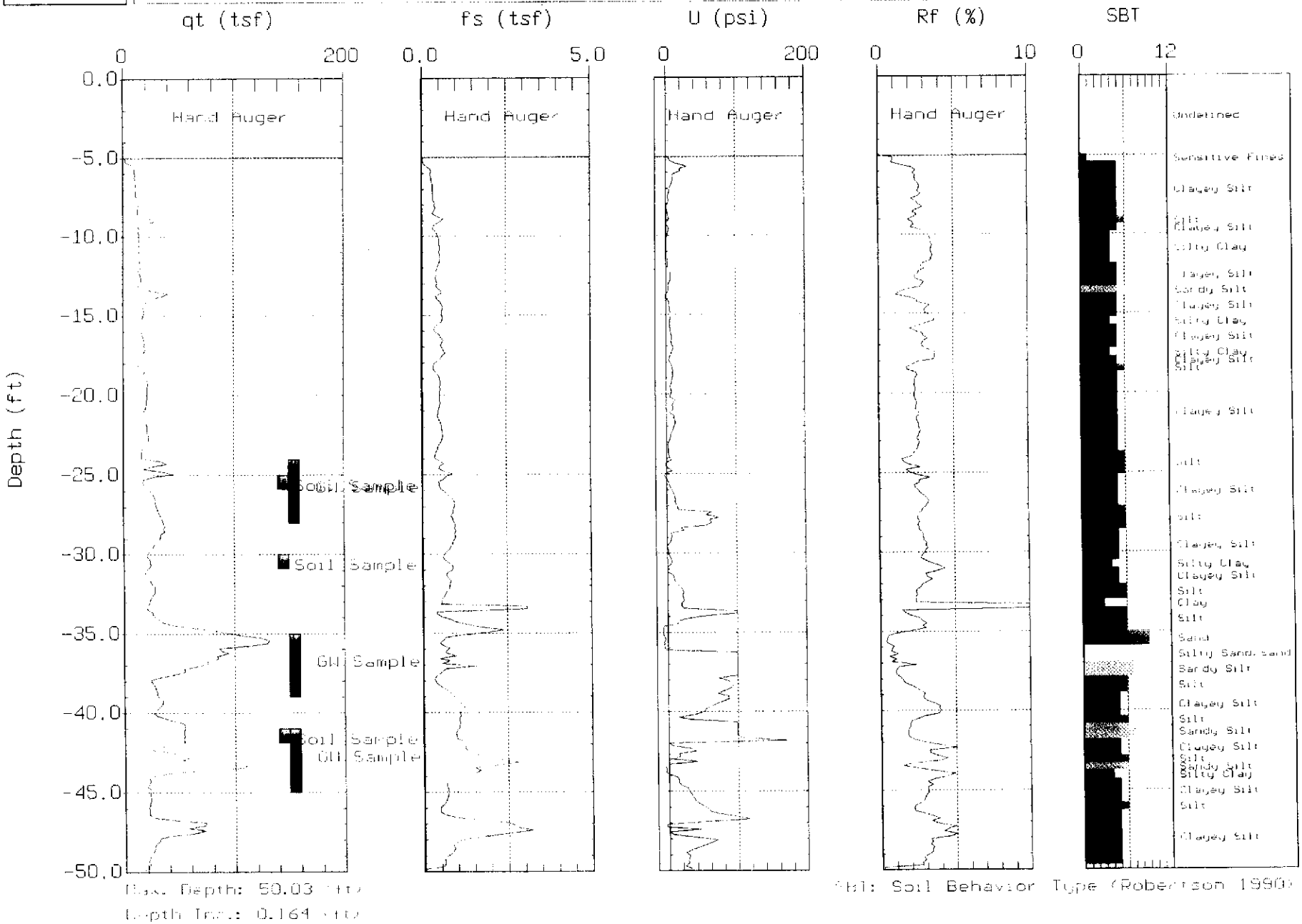
04-25-2005 H:\Blymyer_Jobs\2002\202016 dolan\202016.dot\Bore Logs\SB-K.bor

GREGG

BLYMYER ENG.

Site: DOLAN PROPERTIES
Location: CPT-01

Engineer: M.DETTERMAN
Date: 03:28:105 03:35

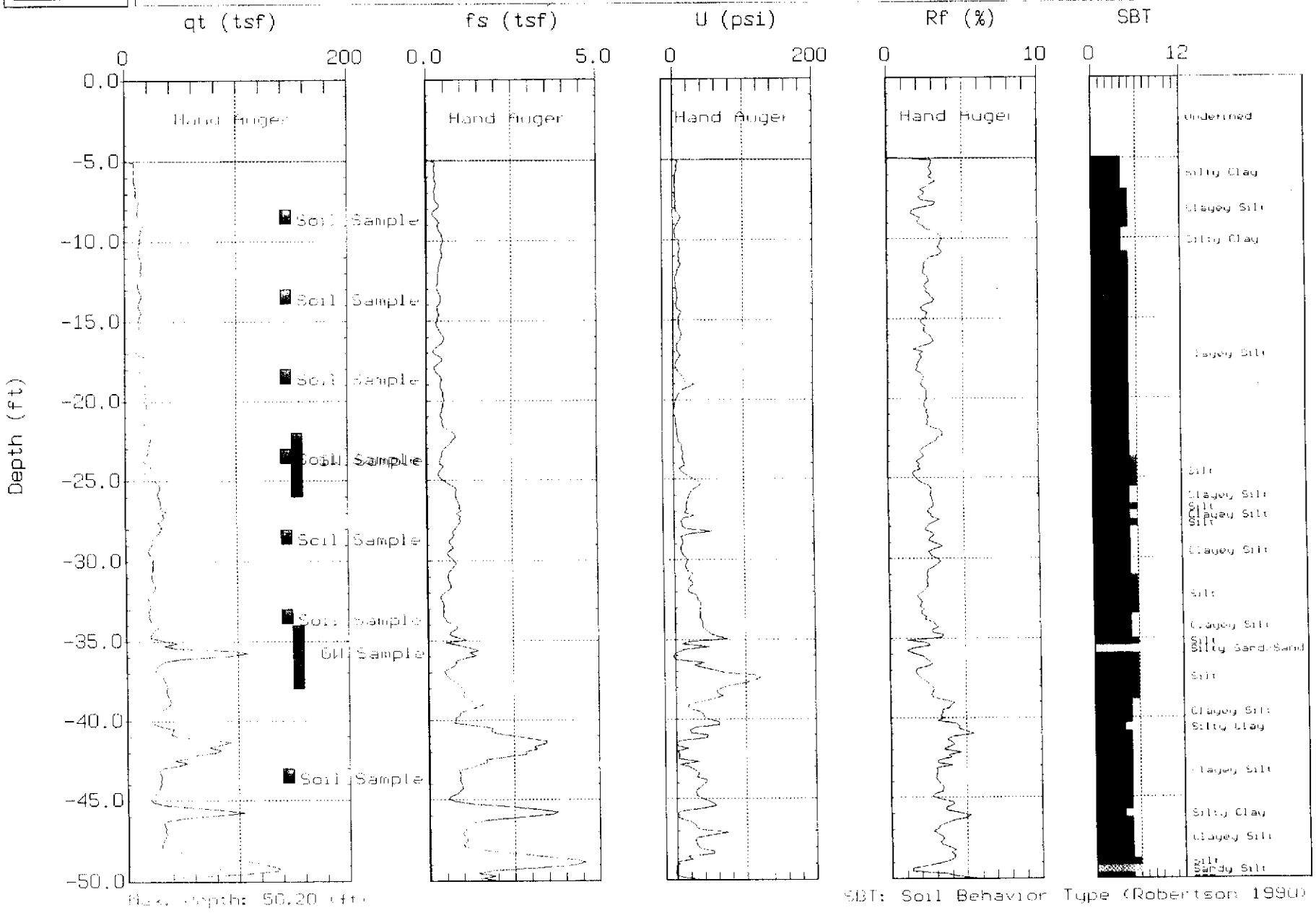


GREGG

BLYMYER ENG.

Site: DOLAN PROPERTIES
Location: CPT-02

Engineer: M.BETTERMAN
Date: 03:28:105 13:41



SBT: Soil Behavior Type (Robertson 1990)

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL MW-1

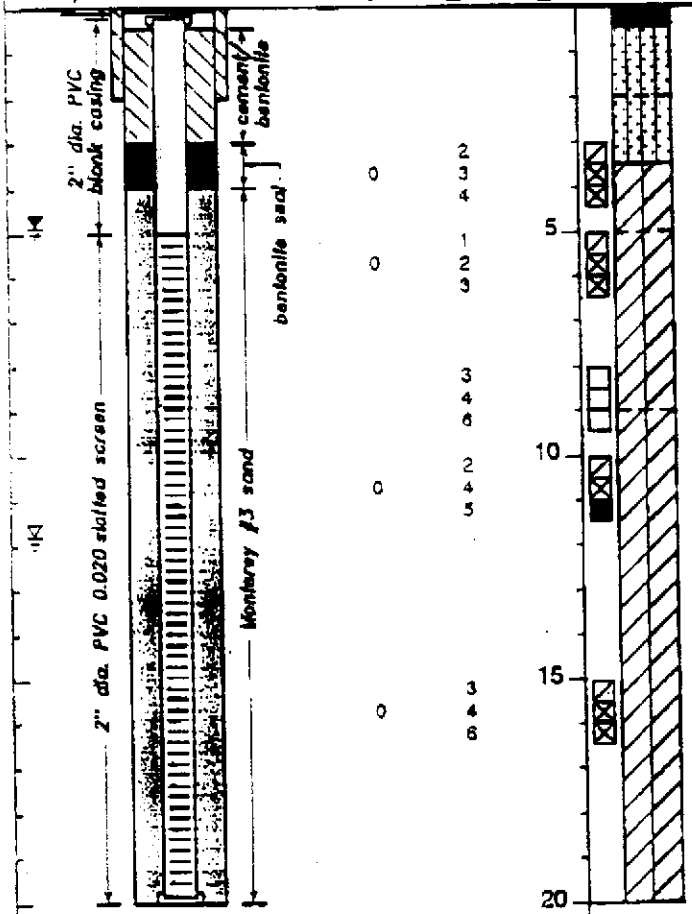
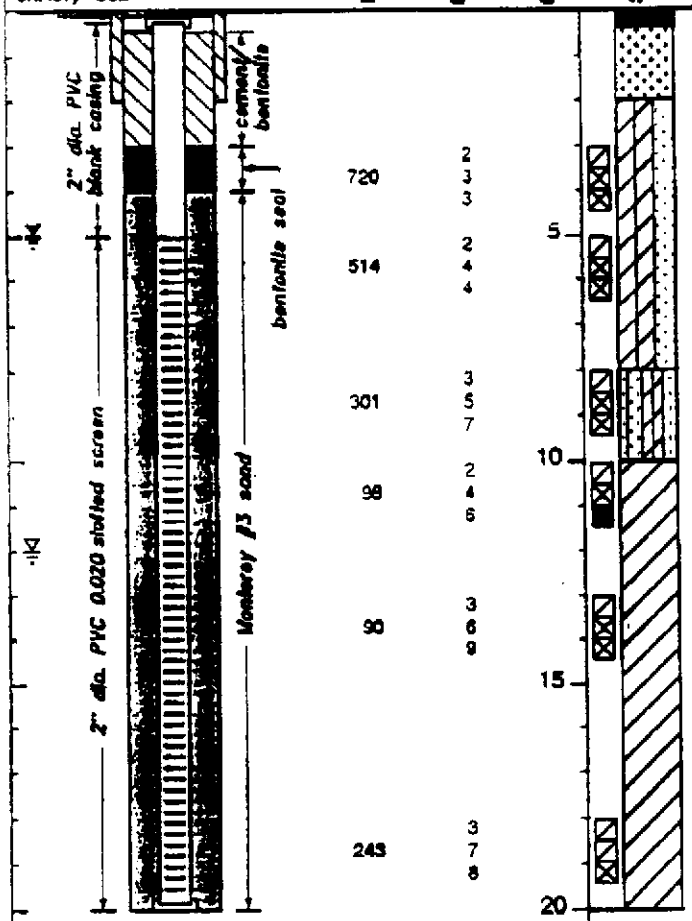


				PLATE
CLIENT	Dolan Rental Company	DIAMETER OF HOLE	7.25 inches	
LOCATION	6393 Scarlett Court, Dublin, CA	TOTAL DEPTH OF HOLE	20.0 feet	
JOB NUMBER	102.01.001	TOP OF CASING ELEVATION	0.25 feet below ground surface	4
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	11/22/91	
DRILL RIG	CME-75	DATE COMPLETED	11/22/91	

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL MW-2

PAGE 1 OF 1



PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				PAVEMENT SECTION DARK BROWN GRAVELLY SAND (SW) loose to medium dense, moist, gravel to 3-inch diameter, mild hydrocarbon odor.
720	2 3 3			INTERBEDDED DARK GREEN GRAY SILTY CLAY (CL/CH) soft, moist to wet, and GRAY SAND (SP) loose, moist to wet, sand interbeds from 3 to 9 inches thick, clays predominant, strong hydrocarbon odor.
514	2 4 4	5		
301	3 5 7			GRAY GREEN SILTY CLAYEY SAND (SM) loose, moist, and DARK GRAY SILTY CLAY (CL/CH) with interbedded GRAY SAND (SP) layers to 1/4-inch thick.
98	2 4 6	10		YELLOWISH GRAY SILTY CLAY (CH) WITH VERY FINE-GRAINED SAND - medium stiff, slight hydrocarbon odor.
90	3 6 9			Becomes yellowish gray brown.
		15		
243	3 7 8			
		20		Bottom of Boring 20 feet below ground surface.
		25		
		30		

CLIENT	Dolan Rental Company	DIAMETER OF HOLE	7.25 inches
LOCATION	6303 Scarlett Court, Dublin, CA	TOTAL DEPTH OF HOLE	20.0 feet
JOB NUMBER	102.01.001	TOP OF CASING ELEVATION	0.25 feet below ground surface
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	11/21/91
DRILL RIG	CME-75	DATE COMPLETED	11/21/91

PLATE

5

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL MW-3

PAGE 1 OF 1

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
Christy Box					PAVEMENT SECTION
2" dia. PVC blank casing					BLACK SILTY SANDY CLAY WITH GRAVEL (CH) soft, moist.
cement/bentonite					GRAY SILTY SANDY CLAY (CL) soft, moist, very fine-grained sand.
	9	1 2 4			
bentonite seal					INTERBEDDED BLACK SILTY CLAY (CL/CH) soft, moist and GRAY SAND (SP) loose, moist to wet, sand interbeds from 2 to 12 inches thick.
	1.2	1 3 4	5		
	0	3 3 6			YELLOW BROWN AND GRAY SANDY SILTY CLAY (CL) medium stiff,moist.
Monterey #3 sand	0	1 3 5	10		Plasticity and moisture increase.
		3 5 7	15		OLIVE SILTY CLAY (CL/CH) WITH FINE-GRAINED SAND medium stiff, saturated.
2" dia. PVC 0.020 slotted screen			20		*Bottom of Boring 20 feet below ground surface.*
			25		
			30		

CLIENT	Dolan Rental Company	DIAMETER OF HOLE	7.25 inches
LOCATION	6393 Scarlet Court, Dublin, CA	TOTAL DEPTH OF HOLE	20.0 feet
JOB NUMBER	102.01.001	TOP OF CASING ELEVATION	0.25 feet below ground surface
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	11/21/91
DRILL RIG	CME-75	DATE COMPLETED	11/21/91

PLATE **6**

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL MW-4

PAGE 1 OF 1

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
Christy Box					LANDSCAPE AGGREGATE
2" dia. PVC blank casing; cement/bentonite					DARK BROWN SILTY CLAY (CL/CH) soft, moist.
					VERY DARK BROWN SILTY SAND (SM) loose, moist to wet.
bentonite seal	1.7	2 4 3			INTERBEDDED LIGHT BROWN SILTY SAND (SM) loose, moist to wet and BLACK SILTY CLAY (CH) soft, moist.
			5		
2" dia. PVC 0.020 slotted screen; Monterey #3 sand	1.7	2 3 4	10		GRAY BROWN SILTY CLAY (CL/CH) soft, moist.
	22	2 5 7	15		GRAY SILTY CLAY (CL) medium stiff,moist to wet, mild hydrocarbon odor.
			20		*Bottom of Boring 20 feet below ground surface.*
			25		
			30		

CLIENT	Dolan Rental Company	DIAMETER OF HOLE	7.25 inches
LOCATION	6393 Scarlett Court, Dublin, CA	TOTAL DEPTH OF HOLE	20.0 feet
JOB NUMBER	102.01.001	TOP OF CASING ELEVATION	0.25 feet below ground surface
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	11/21/91
DRILL RIG	CME-75	DATE COMPLETED	11/21/91

PLATE **7**

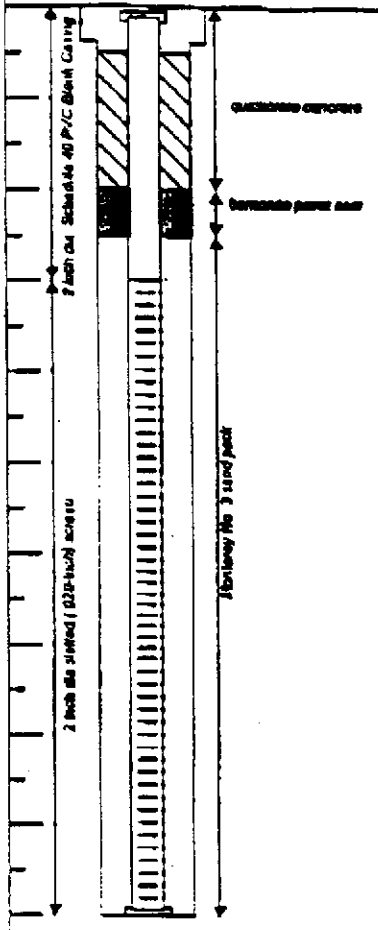
PES Environmental, Inc.
Engineering & Environmental Services

LOG OF MW-5

PAGE 1 OF 1

WELL CONSTRUCTION DETAIL

Christy Box



FID (PPM)	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
			ASPHALT WITH CONCRETE
ND			VERY DARK GRAY CLAY (CL) 2.5YR 3/1, soft, moist, ~5% fine-grained sand. fill material.
ND			
ND			DARK GRAY CLAYEY SAND (SC) 2.5Y 4/1, medium dense, wet, ~10% clay fines.
	5		
ND			VERY DARK GRAY CLAY (CL) 2.5Y 3/1, soft, moist, ~5% fine-grained sand.
ND			GRAYISH BROWN CLAY (CL) 2.5Y 5/2, soft, moist, ~10% fine-grained to medium-grained sand.
	10		*Bottom of boring at 10 feet below ground surface.*
	15		

DRAFT

CLIENT	DOLAN RENTAL COMPANY	DIAMETER OF HOLE	8 inches
LOCATION	Dublin, California	TOTAL DEPTH OF HOLE	10 feet bgs
JOB NUMBER	102.0100.003	TOP OF CASING ELEVATION	326.80 feet MSL
GEOLOGIST/ENGINEER	Alicia Andrews	DATE STARTED	2/23/95
DRILL RIG	CME 45	DATE COMPLETED	2/23/95

PLATE 4

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF MW-6

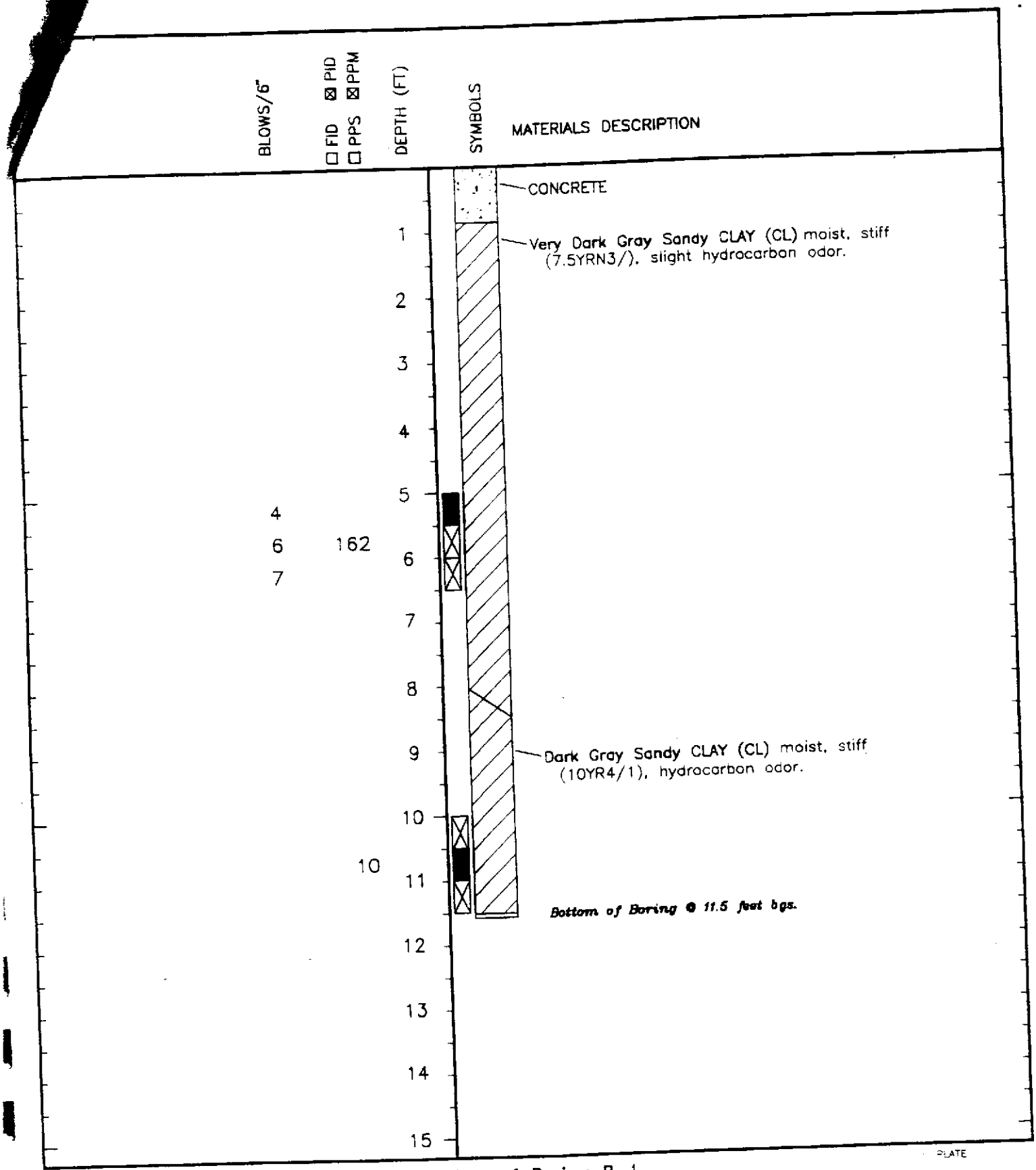
PAGE 1 OF 1

WELL CONSTRUCTION DETAIL	PID (PPM)	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
Christy Box				GRAVEL AT SURFACE
				SANDY FILL MATERIAL
	ND			OLIVE SANDY CLAY (CL) 5Y 4/3, firm, damp, ~40% poorly graded medium-grained sand, no odors.
	ND	5		DARK OLIVE GRAY SANDY CLAY (CL) 5Y 3/2, soft, moist, ~30% poorly graded medium-grained sand, no odors.
	ND			DARK GRAY CLAY (CL) 5Y 4/1, soft, moist, ~20% fine-grained sand, no odors.
		10		*Bottom of boring at 10 feet below ground surface.*
		15		

DRAFT

CLIENT	DOLAN RENTAL COMPANY	DIAMETER OF HOLE	8 inches
LOCATION	Dublin, California	TOTAL DEPTH OF HOLE	10 feet bgs
JOB NUMBER	102.0100.003	TOP OF CASING ELEVATION	327.23 feet MSL
GEOLOGIST/ENGINEER	Alida Andrews	DATE STARTED	3/14/05
DRILL RIG	Simco 2400	DATE COMPLETED	3/14/05

PLATE 5



PLATE

PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-1
Dublin Rock and Ready Mix
Dublin, California

A-2

JOB NUMBER 102.01.002
LOGGED BY DET, MKH, PL
CHECKED BY SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93

BLOWS/6"	☐ FID ☒ PID ☐ PPS ☒ PPM	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
		0		2" AC
				Brown Silty SAND (SM)) moist, medium dense (10YR4/3).
		1		Dark Brownish Gray Sandy CLAY (CL) moist, medium stiff (2.5Y4/2), hydrocarbon odor.
		2		
		3		
		4		
		5		Very Dark Gray Sandy CLAY (CL) moist, medium stiff (7.5YRN3/), slight hydrocarbon odor.
	96	6		
		7		
		8		
		9		
7		10		
8	318	11		*Bottom of Boring @ 11.5 feet bgs.*
9		12		
		13		
		14		
		15		

PLATE

A-3

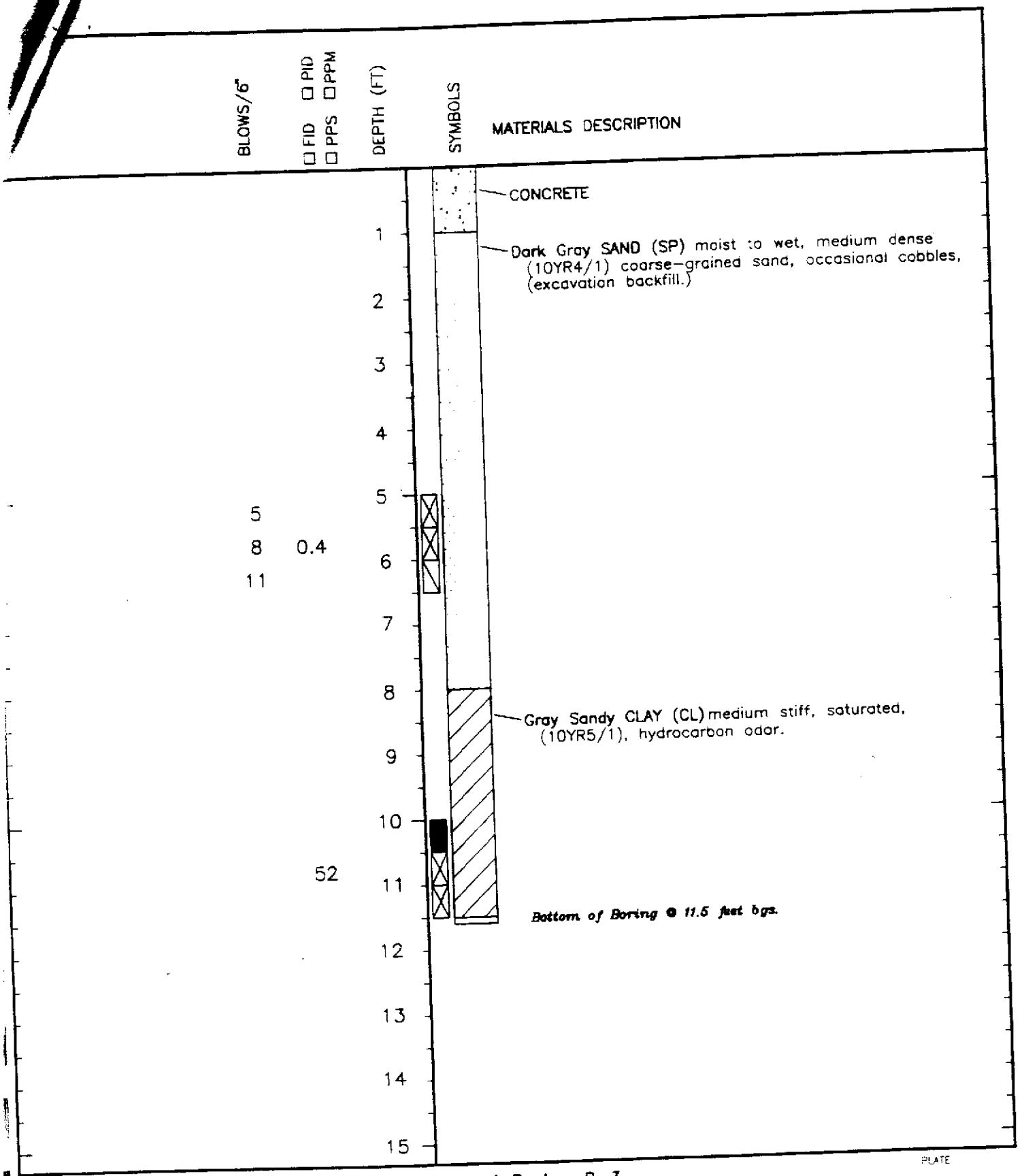
PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-2
Dublin Rock and Ready Mix
Dublin, California

102.01.002
DET, MGH, PL
SN

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93



PLATE

PES Environmental, Inc.
Engineering & Environmental Services

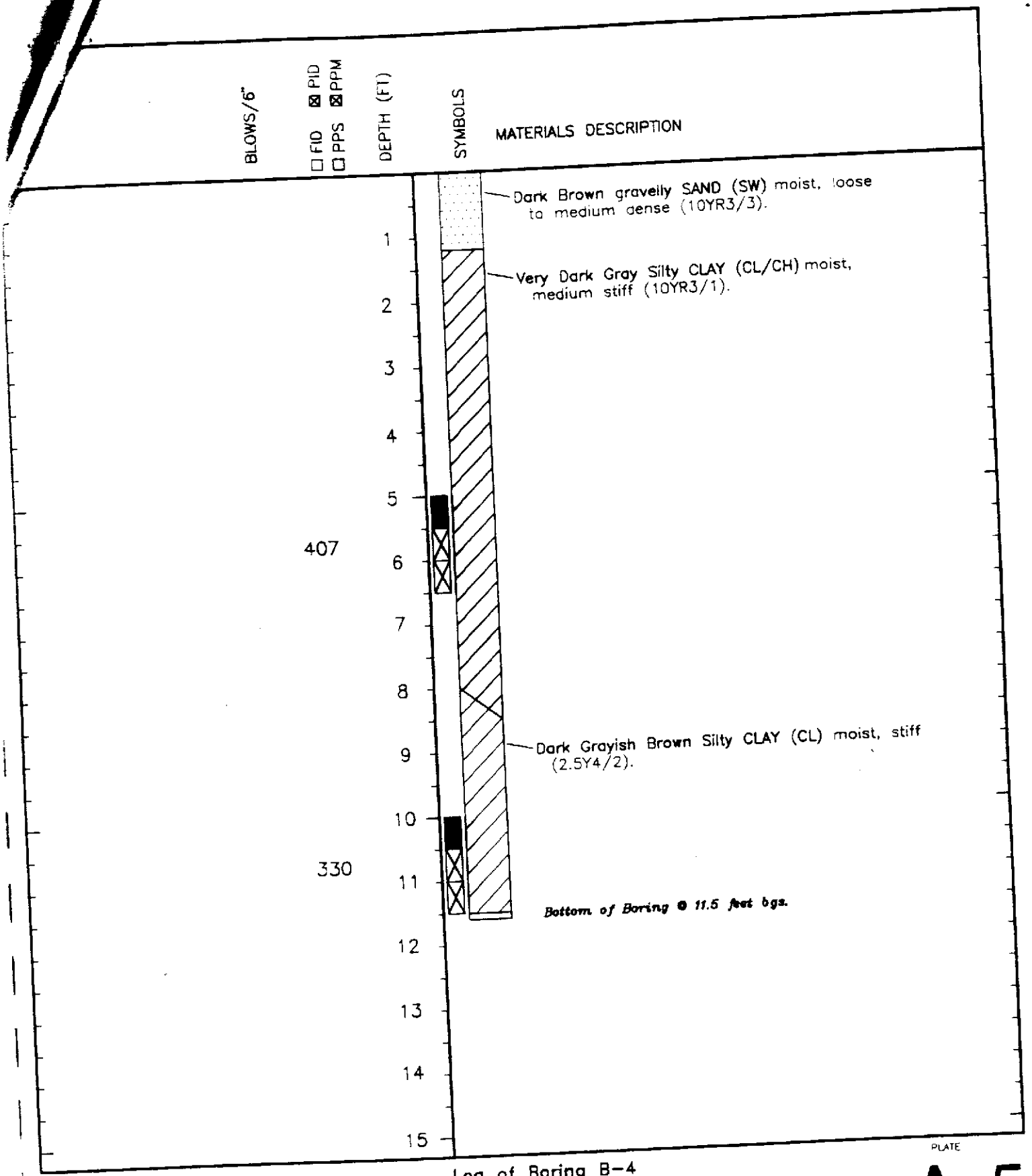
Log of Boring B-3
Dublin Rock and Ready Mix
Dublin, California

A-4

JOB NUMBER 102.01.002
LOGGED PERFORMED DET., MOH, PL
DRAWN SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93
REVISED DATE



PLATE

PES Environmental, Inc.
Engineering & Environmental Services

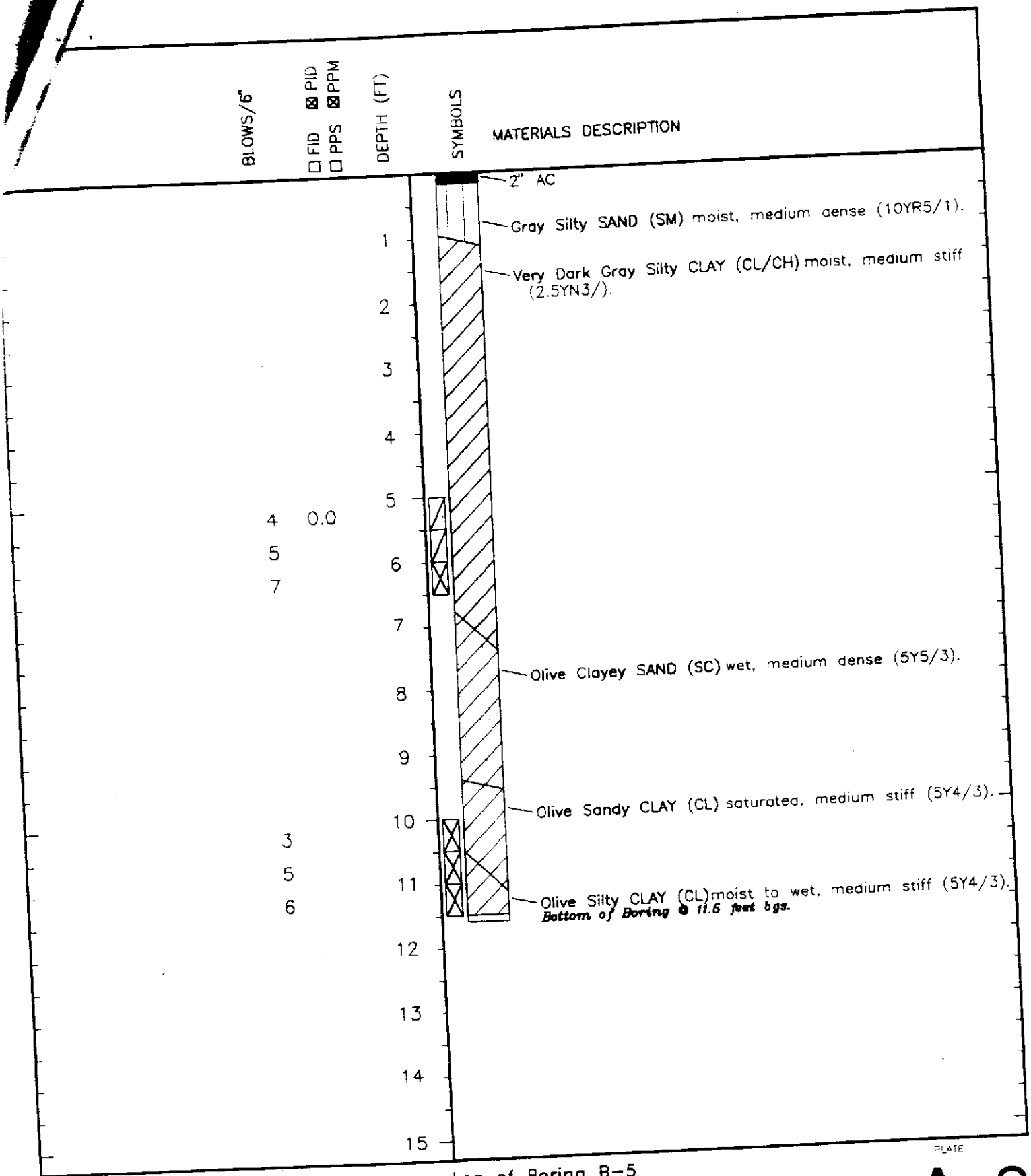
Log of Boring B-4
Dublin Rock and Ready Mix
Dublin, California

A-5

JOB NUMBER 102.01.002
LOGGED BY DET, MKH, PL
DRAWN SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 5/93
REVISED DATE



PLATE

A-6

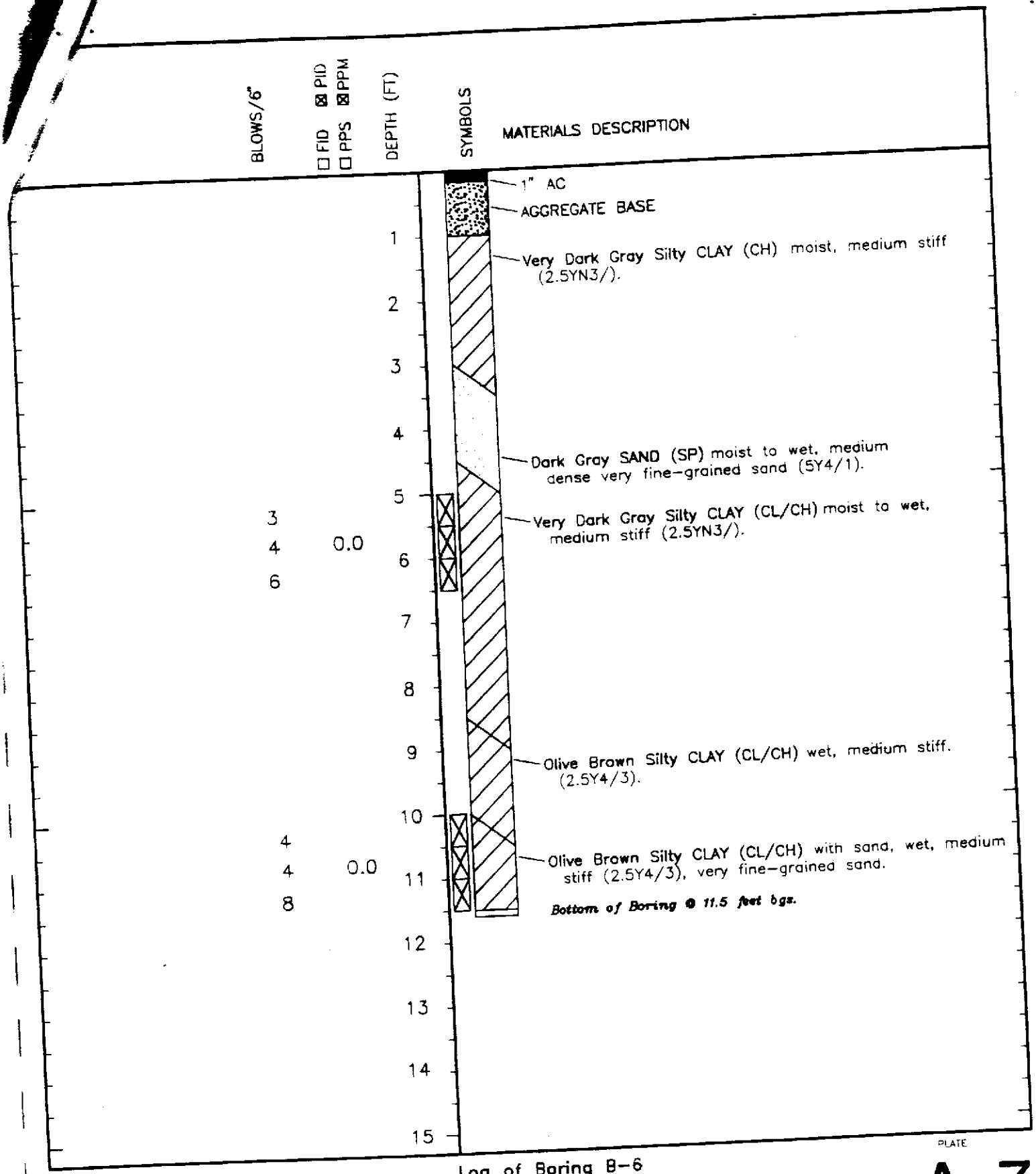
PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-5
Dublin Rock and Ready Mix
Dublin, California

JOB NUMBER 102.01.002
LOGGED/REVIEWED DET, MKH, PL
DRAWN SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 5/95
REVISED DATE



PLATE

PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-6
Dublin Rock and Ready Mix
Dublin, California

A-7

JOB NUMBER 102.01.002
LOGGED BY DET, MKH, PL
CHECKED BY SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93
REVISED DATE

BLOWS/6"	☐ FID ☒ PID ☐ PPS ☒ PPM	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
		0		2" AC
				AGGREGATE BASE
		1		INTERBEDDED
				Very Dark Gray Silty CLAY (CL/CH) moist, medium stiff (2.5YN3/) AND
		2		Olive Brown Silty SAND (SM) moist, medium dense (2.5Y4/4).
		3		
		4		
3		5		
4	0.0			Very Dark Gray Silty CLAY (CL/CH) moist to wet, medium stiff (2.5YN3/).
5		6		
		7		
		8		
		9		Grayish Brown Silty CLAY (CL) with Sand moist to wet medium stiff (2.5Y5/2), very fine-grained sand.
		10		
4	0.0			
4		11		
7				*Bottom of Boring @ 11.5 feet bgs.*
		12		
		13		
		14		
		15		

PLATE

PES Environmental, Inc.
Engineering & Environmental Services

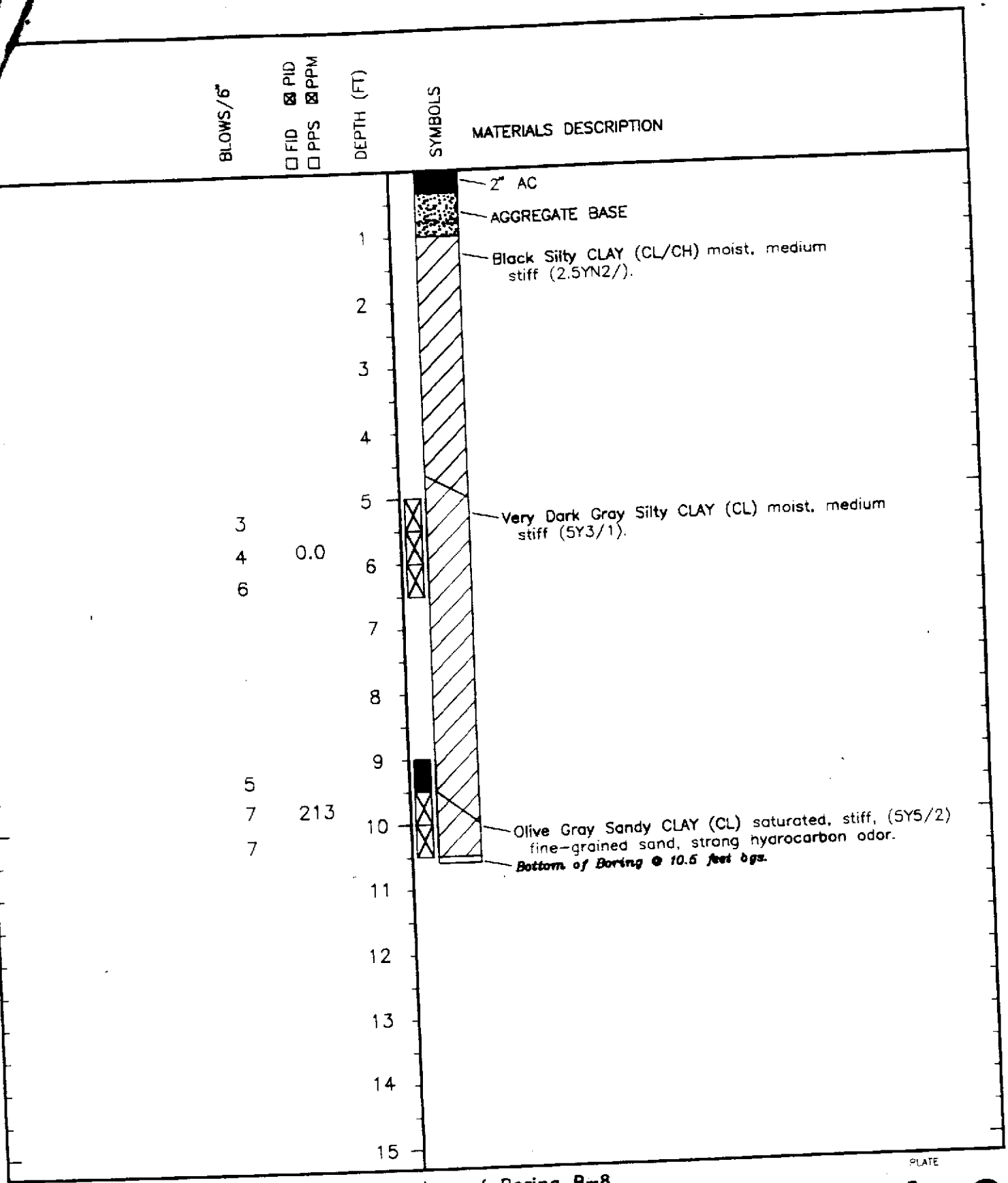
Log of Boring B-7
Dublin Rock and Ready Mix
Dublin, California

A-8

102.01.002
DET, MKH, PL
SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

3/93



PLATE

PES Environmental, Inc.
Engineering & Environmental Services

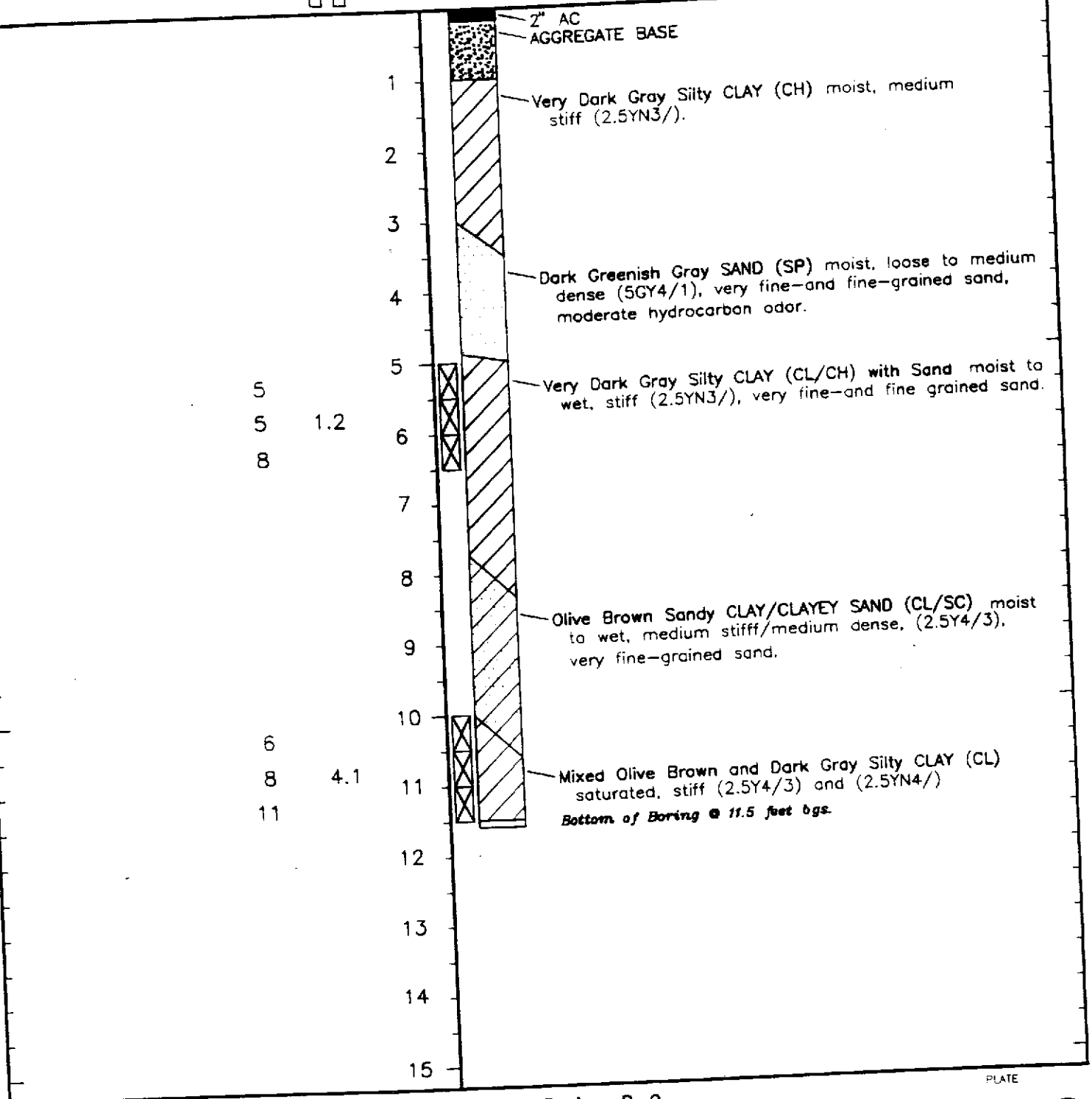
Log of Boring B-8
Dublin Rock and Ready Mix
Dublin, California

A-9

JOB NUMBER 102.01.002
LOGGED BY DET, MKH, PL
DRAWN SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93



PLATE

PES Environmental, Inc.
Engineering & Environmental Services

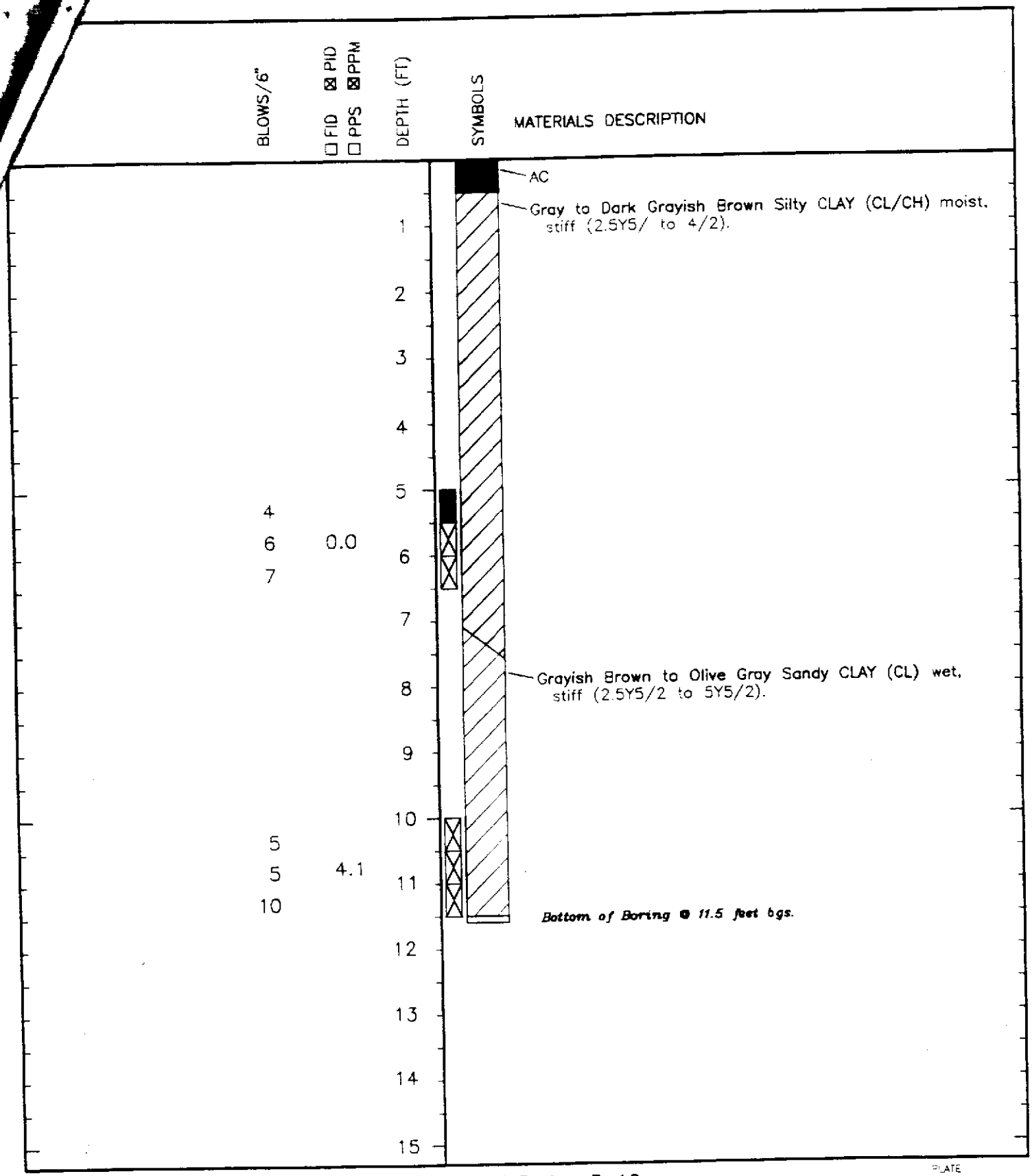
Log of Boring B-9
Dublin Rock and Ready Mix
Dublin, California

A-10

102.01.002
DET, MKH, PL
SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0"
DRILL RIG Hand Augered

DATE 5/93



PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-10
Dublin Rock and Ready Mix
Dublin, California

PLATE
A-11

102.01.002
LOGGED BY: DET, MKH, PL
DRAWN: SH

DIAMETER OF HOLE: 4"
TOTAL DEPTH OF HOLE: 9.0'
DRILL RIG: Hand Augered

DATE: 3/93

BLOWS/6"	☐ FID ☒ PID ☐ PPS ☒ PPM	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				LANDSCAPING AGGREGATE
		1		Dark Brown Silty CLAY (CL/CH) moist, medium stiff (10YR3/3).
		2		
		3		Dark Brown Silty CLAY (CL/CH) moist, medium stiff fine-grained sand (2.5YN5/).
		4		Gray Silty SAND (SM) moist, medium dense (2.5YN5/).
		5		Light Olive Brown CLAY (CL/CH) with Sand moist to wet, (2.5Y5/3).
		6		
		7		*Bottom of Boring @ 6.7 feet bgs.*
		8		
		9		
		10		
		11		
		12		
		13		
		14		
		15		

PLATE

PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-11
Dublin Rock and Ready Mix
Dublin, California

A-12

102.01.002
DET, MRH, PL
SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0"
DRILL RIG Hand Augered

3/93

BLOWS/6"	☐ FID ☐ PID ☐ PPS ☐ PPM	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
				LANDSCAPE AGGREGATE
		1		Dark Brown Silty CLAY (CL/CH) moist, medium stiff (10YR3/3).
		2		
		3		
		4		INTERBEDDED Gray Silty CLAY (CL/CH) moist, medium stiff (2.5YN5/). AND Dark Gray SAND (SP) moist to wet, medium dense (2.5YN4/), fine-grained sand.
		5		
		6		
		7		*Bottom of Boring @ 6.7 feet bgs.*
		8		
		9		
		10		
		11		
		12		
		13		
		14		
		15		

PLATE

PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-12
Dublin Rock and Ready Mix
Dublin, California

A-13

JOB NUMBER 102.01.002
LOGGED BY DET, MSH, PL
DRAWN SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93

BLOWS/6"	☐ FID ☒ PID ☐ PPS ☒ PPM	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
		0		2" AC
				Aggregate Base
		1		
		2		Dark Gray SAND (SP), moist, loose to medium dense, fine-grained sand (5Y4/1).
	4.0	3		Very Dark Gray Sandy CLAY (CL), moist, medium stiff, (5Y3/1), fine-grained sand.
		4		
		5		
	0.0			Very Dark Gray Silty CLAY (CL) with SAND, moist, to wet, medium stiff; (2.5YN3/), fine-and medium grained sand, trace fine-grained gravel.
		6		
		7		
		8		
	0.0			Dark Grayish Brown Silty CLAY (CL/CH), wet to, saturated, medium stiff (2.5Y4/2).
		9		*Bottom of Boring @ 9.0 feet bgs.*
		10		
		11		
		12		
		13		
		14		
		15		

PLATE

PES Environmental, Inc.
Engineering & Environmental Services

Log of Boring B-13
Dublin Rock and Ready Mix
Dublin, California

A-14

JOB NUMBER 102.01.002
LOGGED BY DET, MKH, PL
CHECKED BY SH

DIAMETER OF HOLE 4"
TOTAL DEPTH OF HOLE 9.0'
DRILL RIG Hand Augered

DATE 3/93