

BORING# <u>SB-01</u>	RIG: <u>GEOPROBE</u>	ENVIRON BORING LOG PROJECT: <u>AOC IMPLEMENTATION</u> CASE # <u>02-7616B</u> COMMENTS: F:\027616B\LOGS\7616BLOG1
PERMIT# <u>NA</u>	METHOD: <u>DIRECT PUSH</u>	
DATE: <u>12/13/99</u>	BORING DIA.: <u>3"</u>	
LOGGED BY: <u>ALYSSA GALL</u>	BORING DEPTH: <u>12'</u>	
DRILLING CO.: <u>VIRONEX</u>	DEPTH TO WATER: <u>NA</u>	
DRILLER: <u>DAVID WILEY</u>	SURFACE ELEV.: <u>NA</u>	

DEPTH (feet)	GRAPHIC LOG	SAMPLE TYPE	BLOW COUNTS	FID READINGS	SAMPLE INTERVAL (feet)	DESCRIPTIVE INTERVAL (feet)	DESCRIPTION
0-4'		SOIL			0-4'	0-4'	DARK BROWN & ORANGE, SANDY, WET WITH SOME ORGANIC MATERIAL. SLIGHTLY MOIST. COLLECTED SOIL SAMPLE SB01-SS01 FOR CoPAH, As, TOC ANALYSIS. (SM)
4-8'						4-8'	DARK BROWN SAND AND GRAVEL. MOIST. (SM w/GRAVEL)
8-10'					8-8.5	8-10'	DARK BROWN SAND AND GRAVEL. MOIST. COLLECTED SOIL SAMPLES SB01-SS02 FOR As ANALYSIS. (SM w/GRAVEL)
10-12'					10-10.5	10-12'	DARK BROWN DRY COMPACT SAND AND GRAVEL. COLLECTED SOIL SAMPLES (SMw/ SB01-SS03 FOR CoPAH ANALYSIS. GRAVEL)

<u>ENVIRON</u>	
BORING LOG	
PROJECT:	<u>AOC IMPLEMENTATION</u>
CASE #	<u>02-7616B</u>
COMMENTS:	
<u>F:\027616B\LOGS\7616BLOG2</u>	

DEPTH (feet)	GRAPHIC LOG	SAMPLE TYPE	BLOW COUNTS	FID READINGS	SAMPLE INTERVAL (feet)	DESCRIPTIVE INTERVAL (feet)	DESCRIPTION
0-0.75						0-0.75	DARK BROWN ORGANIC SOIL. (OL)
0.75-4'		SOIL			2.-2.5	0.75-2.5	GREY-BROWN SANDY SOIL, SOME GRAVEL. COLLECTED SOIL SAMPLES SB02-SS01 FOR CoPAH, TOC, As ANALYSIS. (SM w/GRAVEL)
4-6'		SOIL				4-6'	ORANGE-BROWN CLAYEY SOIL. (OL)
6-8'						6-8'	GREY-BROWN SILTY-CLAY. SATURATED. (ML)
8-8.5'					8-8.5'	8-8.5'	DARK BROWN SAND AND GRAVEL. COLLECTED SOIL SAMPLES SB02-SS02 FOR CoPAH ANALYSIS. (SM w/GRAVEL)
8.5-10'					8.5-10'	8.5-10'	DARK GREY SILTY CLAY. MOIST. (ML)
10-10.5'					10-10.5	10-10.5'	DARK GREY SILT & FINE SAND. SATURATED. COLLECTED SOIL SAMPLES SB02-SS03 FOR As ANALYSIS. (SM)
10.5-12'						10.5-12'	DARK GREY SILTY CLAY. (ML)

BORING# <u>SB-03</u>	RIG: <u>GEOPROBE</u>	ENVIRON BORING LOG PROJECT: <u>AOC IMPLEMENTATION</u> CASE # <u>02-7616B</u> COMMENTS: F: \027616B\LOGS\7616BLOG3
PERMIT# <u>NA</u>	METHOD: <u>DIRECT PUSH</u>	
DATE: <u>12/13/99</u>	BORING DIA.: <u>3"</u>	
LOGGED BY: <u>ALYSSA GALL</u>	BORING DEPTH: <u>13'</u>	
DRILLING CO.: <u>VIRONEX</u>	DEPTH TO WATER: <u>6'</u>	
DRILLER: <u>DAVID WILEY</u>	SURFACE ELEV.: <u>NA</u>	

DEPTH (feet)	GRAPHIC LOG	SAMPLE TYPE	BLOW COUNTS	FID READINGS	SAMPLE INTERVAL (feet)	DESCRIPTIVE INTERVAL (feet)	DESCRIPTION
0-3'						0-3'	BROWN, DRY ORGANIC SOIL. (OL)
3-3.5'						3-3.5'	GREY DRY GRAVEL. (GW)
3.5-4'						3.5-4'	GREY MOIST GRAVEL. (GW)
4-4.5'					4-4.5'	4-4.5'	ORANGE-BROWN GRAVEL AND SILTY SAND. COLLECTED SAMPLES SB02-SS01 FOR CoPAH, As, TOC ANALYSIS. (SM w/GRAVEL)
4.5-6'						4.5-6'	BROWN, MOIST SILTY GRAVEL.
6-6.5'					6-6.5'	6-6.5'	DARK GREY, WET, SILTY FINE SAND. COLLECTED OIL SAMPLES SB03-SS02 FOR CoPAH ANALYSIS. (SM)
6.5-8'						6.5-8'	DARK GREY, SATURATED SILTY FINE SAND. (SM)
8-10'						8-10'	BROWN, WET SILTY FINE SAND. (SM)
10-12'						10-12'	DARK GREY, SATURATED SILTY FINE SAND. (SM)
12-12.5'						12-12.5'	BROWN GRAVEL. (GW)
12.5-13'						12.5-13'	DARK GREY FINE SILT. COLLECTED SOIL SAMPLE SB03-SS03 FOR As ANALYSIS.

[illegible]

BORING# <u>SB-05</u>	RIG: <u>GEOPROBE</u>	ENVIRON BORING LOG PROJECT: <u>AOC IMPLEMENTATION</u> CASE # <u>02-7616B</u> COMMENTS: F:\027616B\LOGS\7616BLOG5
PERMIT# <u>NA</u>	METHOD: <u>DIRECT PUSH</u>	
DATE: <u>12/13/99</u>	BORING DIA.: <u>3"</u>	
LOGGED BY: <u>ALYSSA GALL</u>	BORING DEPTH: <u>20'</u>	
DRILLING CO.: <u>VIRONEX</u>	DEPTH TO WATER: <u>11.5'</u>	
DRILLER: <u>DAVID WILEY</u>	SURFACE ELEV.: <u>NA</u>	

DEPTH (feet)	GRAPHIC LOG	SAMPLE TYPE	BLOW COUNTS	FID READINGS	SAMPLE INTERVAL (feet)	DESCRIPTIVE INTERVAL (feet)	DESCRIPTION
0-0.5'		SOIL				0-0.5'	BROWN, SLIGHTLY ORGANIC FINE SANDY SILT, SOME SMALL GRAVEL. COLLECTED SOIL SAMPLES SB05-SS01 FOR CoPAH ANALYSIS. (OL)
0.5-4'						0.5-4'	BROWN, SLIGHTLY ORGANIC FINE SANDY SILT, SOME SMALL GRAVEL. (OL)
4-6'						4-6'	BROWN, SLIGHTLY ORGANIC FINE SANDY SILT, SOME SMALL GRAVEL. (OL)
6-7'						6-7'	GRAVELY SILTY SAND. (SM w/GRAVEL)
7-7.5'		SOIL				7-7.5'	GREY SAND. COLLECTED SOIL SAMPLE SB05-SS02 FOR CoPAH, As, TOC ANALYSIS. (SW)
7.5-8'						7.5-8'	GREY SAND. (SW)
8-12'						8-12'	GRAVELLY SAND. 25% RECOVERY. (SM w/GRAVEL)
12-16'						12-16'	NO RECOVERY.
16-16.5'		SOIL				16-16.5'	DARK GREY-BLACK SILT WITH SOME GRAVEL, COLLECTED SOIL SAMPLE SB05-SS03 FOR As ANALYSIS. (OL w/GRAVEL)
16.5-20'						16.5-20'	NO RECOVERY.