EXPLORATION LOG RSAR8-A3

PROJECT: TRONOX PHASE B PROJECT NO.: 20092518V1
EXPLORATION LOCATION: TRONOX AREA 3 EXPLORATION DATE: 10-23-2009

EXPLORATION SIZE (dia.): 6.25" CORE BARREL **EQUIPMENT:** SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE **LOGGED BY**: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: N/A

FINAL DEPTH TO WATER	: NOTEN	NOT ENCOUNTERED DATE MEASURED:			N/A						
ELEVATION/ SOIL & SAMPL SYMBOLS	USCS	DESCRIPTION	Id	П	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION			
	DAVE	ACDITAL Transportation 20 think									
- 23	PAVE	ASPHALT approximately 3" thick									
22 28 36 - - - 2.5 - - - - - - - - - - - - - - - - - - -	SW	Collect RSAR8-0.5B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.5 ppmV SAND with gravel, light reddish brown (5YR 6/4), 90% fine to coarse sand, 10% fine to medium sub-angular to sub-rounded volcanic gravel, medium loose, dry, no plasticity, strong HCl reaction									
-10 18 - 11 - 11 12.5	SW	Collect RSAR8-10B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV									
- - - - - - - - -											

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.

Figure No.

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EXPLORATION LOG RSAR8-A3

PROJECT: TRONOX PHASE B
EXPLORATION LOCATION: TRONOX AREA 3
EXPLORATION SIZE (dia.): 6.25" CORE BARREL
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
EXPLORATION DATE: 10-23-2009
EQUIPMENT: SDC550-24 SONIC CORE RIG
LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: N/A

FINAL DEF	TH TO WATER.	INOT LINE	DOINTERED DATE MEASURED.	11//	٦				
ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	₫	1	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
- 35	13 16 12	SP	Collect RSAR8-34B, RSAR8-34BMS, RSAR8 34BMSD, PID readings: 10.6 eV = 0. 3 ppmV 11.7 eV = 0.1 ppmV	-					
-			END OF BORING AT 35.5 FEET						
37.5 - -									
- - - 40									
-									
- 42.5 - -									
- - 45									
-									
- 47.5 -									
- - 50									
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