EXPLORATION LOG RSAM7

PROJECT: TRONOX PHASE B EXPLORATION LOCATION: TRONOX AREA 2 EXPLORATION SIZE (dia.): 3" CORE BARREL ELEVATION: EXISTING GROUND SURFACE	PROJECT NO.: 20092518V1 EXPLORATION DATE: 7/28/2009 EQUIPMENT: SDC550-24 SONIC CORE RIG LOGGED BY: SEARS/GAREY
INITIAL DEPTH TO WATER: NOT ENCOUNTERED FINAL DEPTH TO WATER: NOT ENCOUNTERED	DATE MEASURED: NA DATE MEASURED: NA

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	ā.	1	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
	14 15 17	SW	Alluvium. Brown (7.5YR 4/4) well graded SAND, loose, dry, subangular to subrounded, fine-medium grained, volcanic fragments. Collect sample RSAM7-0.5B.						
7.5 - - - 10 - - -	50		SAND, subangular to subrounded, volcanic fragments, weak cementation (calcite), max grain size 0.25 inches, very dense. Collect sample RSAm7-10B, RSAM7009-10B; PID readings: 10.6eV=0.3 ppmV, 11.7eV=0.0 ppmV. Core loss 11.5-21 feet.	THE REAL PROPERTY OF THE PROPE	- materials		The state of the s	Application of the control of the co	
- 12.5 - - - - 15 - -				The state of the s	ere			annum de la companya	

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.

EXPLORATION LOG RSAM7

PRO.	JFCT:	TRONOX	PHASER

PROJECT NO.: 20092518V1

EXPLORATION LOCATION: TRONOX AREA 2

EXPLORATION DATE: 7/28/2009

EXPLORATION SIZE (dia.): 3" CORE BARREL

EQUIPMENT: SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

DATE MEASURED: NA

	III IO WAIEK.	IAO I LIA	COUNTERED DATE MEASURED:	<u>NA</u>	 			
ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	uscs	DESCRIPTION	ā	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
- 17.5 20 22.5 25 27.5			Strong brown (7.5YR 4/6) SAND with trace silt, fine to coarse grained sand, subrounded to subangular, dense, dry, volcanic fragments, weak cementation (calcite). No recovery 24-28 feet.					
- - - 30 - - - - 32.5	37 50/5	SW	Reddish brown (5YR 4/3) SAND trace gravel, subangular to subrounded, 90% fine-coarse grained sand, 10% gravel, volcanic, fine grained, dense, wet, weakly calicte cemented. Collect sample RSAM7-28B, PID readings: 10.6eV=0.4 ppmV, 11.7eV=0.0 ppmV. END OF BORING AT 29.0 FEET					

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Figure No.