EXPLORATION LOG SA88

PROJECT: TRONOX PHASE B PROJECT NO.: 20092518V1 **EXPLORATION LOCATION:** TRONOX AREA 1 **EXPLORATION DATE: 7/2/2009** EXPLORATION SIZE (dia.): 3" CORE BARREL **EQUIPMENT:** SDC550-24 SONIC CORE RIG **ELEVATION: EXISTING GROUND SURFACE** LOGGED BY: THOMPSON/DAVIS INITIAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: FINAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: NA CONSTRUCTION MOISTURE CONTENT (%) DRY DENSITY (pcf) % SWELL **ELEVATION/** SOIL & SAMPLE USCS DESCRIPTION 屲 **DEPTH SYMBOLS** FIII SW-SM Reddish brown (5YR 4/4) well graded SAND with silt, trace gravel. 80-90% medium grained sand, 10-20% silt, trace subangular to subrounded gravel. Low plasticity, dry. 2.5 7.5 8.5-9.5 feet thin, less than 2 inches thick, caliche lenses/nodules. 10 Collect sample SA88-10B, very dense, dry. PID readings: 11.7 eV 0.6 ppmV, 10.6 eV 0.0 ppmV. 12.5 13-14 feet, 2-5% subangular to subrounded gravel, less than 3 inches diameter, volcanic. Dry.

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16-19.5 feet, weak to moderate cementation.

15

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Figure No.

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EXPLORATION LOCATION: TRONOX AREA 1

EQUIPMENT: SDC550-24 SONIC CORE RIG

EXPLORATION DATE: 7/2/2009

EXPLORATION SIZE (dia.): 3" CORE BARREL

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: THOMPSON/DAVIS

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

DATE MEASURED: NA

FINAL DEF	TH TO WATER:	NOT EN	COUNTERED DATE MEASURED:	NA					
ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	ŀ		MOISTURE CONTENT (%)	DRY DENSITY (pof)	% SWELL	WELL CONSTRUCTION
— 17.5 - -									
- 20	11 18 18	SM	Reddish brown/reddish yellow (5YR 6/4) silty SAND. 70-80% fine sand, 20-30% silt. Low plasticity, dry. Collect sample SA88-20B, very dense, dry. PID readings: 11.7 eV 2.8 ppmV, 10.6 eV 0.0 ppmV.	1000 A 10					
— 22.5 - - -		ML	Muddy Creek Formation. Reddish brown (5YR 4/3) SILT with sand. 85-90% silt, 10-15% fine sand, trace clay. Low plasticity, slightly moist.		, mind also				
25 - - -				THE PROPERTY OF THE PROPERTY O	THE PARTY OF THE P		1770.04	TOTAL AND	
27.5 - - -	ELECTRICAL STATE OF THE STATE O			THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS			THE PARTY OF THE P	THE STATE OF THE S	
30 - - -	8		Collect sample SA88-32B. Very stiff, moist.	omine Russ		e produce de la companya de la comp		And and an analysis of the second	
— 32.5 - -	12 17		PID readings: 11.7 eV 1.3 ppmV, 10.6 eV 0.0 ppmV. END OF BORING AT 33.5 FEET						
[-	L								

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