## EXPLORATION LOG RSAL8

PROJECT: TRONOX PHASE B	PROJECT NO.: 20092518V1
EXPLORATION LOCATION: TRONOX AREA 1 EXPLORATION SIZE (dia.): 3" CORE BARREL	EXPLORATION DATE: 7/20/2009
ELEVATION: EXISTING GROUND SURFACE	EQUIPMENT: SDC550-24 SONIC CORE RIG LOGGED BY: SEARS/BRINKERHOFF
INITIAL DEPTH TO WATER: NOT ENCOUNTERED NOT ENCOUNTERED	DATE MEASURED: NA DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	P	TT	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
_ 0 _ _ _ _ 2.5 _ _		Fill							
- 5 - - - 7.5 - -		SP-SM	Alluvium, yellowish brown (10YR 5/4) poorly graded SAND (90% fine sand 10% coarse sand) with silt, trace gravel, moist, medium dense.	, more and				The state of the s	
- 10 - - -	28 28 27		Collect sample RSAL8-10B, very dense. PID reading 11.7 eV=0.5 ppmV.		entremant entremante e			**************************************	
- 12.5 - - - -			13-14 feet; weak to moderate cementation.		, we special to the state of th	THE PARTY OF THE P	1961		
- 15 - - -		SM	Reddish brown (5YR 5/3) silty SAND. 75% fs, 10% ms, 15% silt, trace gravel, medium dense, dry.	THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS			- TOTALINE AND		

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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PROJECT: TRONOX PHASE B

PROJECT NO.: 20092518V1

**EXPLORATION LOCATION: TRONOX AREA 1** 

**EXPLORATION DATE: 7/20/2009** 

EXPLORATION SIZE (dia.): 3" CORE BARREL

**EQUIPMENT:** SDC550-24 SONIC CORE RIG

**ELEVATION: EXISTING GROUND SURFACE** 

LOGGED BY: SEARS/BRINKERHOFF

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

**DATE MEASURED: NA** 

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION		Ы		MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL
-17.5										
- 20 -		SP-SM	Yellowish brown (10YR 5/4) poorly graded SAND with silt. 85% fs, 5% cs, 10% silt, laminated, moist, medium dense.		THE PARTY OF THE P					
- - 22.5 - - -				100.		, sometime.		e e e e e e e e e e e e e e e e e e e	Average and an average and a second	
- 25 - - -						T minutes and the second secon			TO MANAGEMENT CONTRACTOR OF THE PROPERTY OF TH	
- - 27.5 - -	25 20 50/5		Collect sample RSAL8-28B, very dense. P reading: 11.7 eV=2.3 ppmV.	PID	And and a second	, mint kin			Antidoppi mark	
30			END OF BORING AT 29.5 FEET							
-		, , , , , , , , , , , , , , , , , , , ,						Name .		
- - 32.5 -										AAAAA
[	The descriptions contained									

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Figure No.