## EXPLORATION LOG RSAK5

PROJECT: TRONOX PHASE B						
EXPLORATION LOCATION: TRONOX AREA 1						
EXPLORATION SIZE (dia.): 3" CORE BARREL						
ELEVATION: EXISTING GROUND SURFACE						

PROJECT NO.: 20092518V1

EXPLORATION DATE: 7/15/2009 EQUIPMENT: SDC550-24 SONIC CORE RIG LOGGED BY: THOMPSON/DAVIS

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

## DATE MEASURED: NA DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	<u>a</u> .		MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
<b>-</b> 0	******								
-		Fill	Graded road, edge of berm for pond.						
- 2.5 		SW	Alluvium. Reddish brown (2.5YR 4/4) well graded SAND. 95-100% fine-coarse grained sand, 0-5% silt, non-plastic, dry.						
- - - - - - - - - - - - - - - - - - -	14 17 19	SW-SM	Collect sample RSAK5-10B. Medium dense, dry. Dark reddish brown (5YR 3/2) well graded SAND with silt. 80-90% fine-medium grained sand, 10-20% silt, trace light gray-white caliche nodules <2" in diameter. Dry.						
- 15  			borehole caving.						
	The descriptions contained it i	within this e is not intend	xploration log apply only at the specific exploration location and at the t ed to be representative of subsurface conditions at other locations or ti	ime th mes.	e exploi	ration was	made.		

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.

Figure No.

## **EXPLORATION LOG** RSAK5

PROJECT: TR	ONOX PHAS	EB				
EXPLORATION	LOCATION:	TRONOX AREA 1				
EXPLORATION	SIZE (dia.):	3" CORE BARREL				
ELEVATION: EXISTING GROUND SURFACE						

PROJECT NO .: 20092518V1 PROJECT NO.: 20092518V1 EXPLORATION DATE: 7/15/2009

EQUIPMENT: SDC550-24 SONIC CORE RIG

LOGGED BY: THOMPSON/DAVIS

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

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DATE MEASURED: NA DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	ā	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
- 17.5 - - - - 20 -		CL	Reddish brown (5YR 4/3) CLAY, trace sand,					
- - 22.5 - -	50/3 50/4 50/5	SM	Anigh plasticity.         Reddish brown (2.5YR 4/3) silty SAND. 70-         80% fine grained sand, 20-30% silt.         Collect sample RSAK5-22B, very dense, dry.         Cemented sand at 22 feet.         END OF BORING AT 23.0 FEET					
- - - - - - - 27.5								
- 30								
- 32.5			xploration log apply only at the specific exploration location and at the t ed to be representative of subsurface conditions at other locations or ti					

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