

# EXPLORATION LOG RSAI2

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

PROJECT NO.: 20092518V1  
 EXPLORATION DATE: 6/26/2009  
 EQUIPMENT: SDC550-24 SONIC CORE RIG  
 LOGGED BY: SEARS/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	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
		SW-SM	<p>Reddish brown (5YR 4/4) well graded SAND with silt and gravel. 60-80% fine to coarse grained sand, 10-20% subrounded to angular gravel less than 2 inches in diameter, volcanic, 5-10% silt. Low plasticity, dry.</p>						
		SW	<p>Reddish brown (5YR 4/4) well graded SAND with silt, trace gravel. 90-95% fine to coarse grained gravel, 5-10% silt, trace subrounded gravel. 5.5-6 feet, weakly cemented.</p> <p>9-10 feet, thin caliche lenses less than 2 inches wide.</p> <p>Collect sample RSAI2-10B, RSAI2009-10B. Very dense, dry. PID readings: 11.7 eV 0.6 ppmV, 10.6 eV 0.1 ppmV.</p> <p>16-17 feet thin caliche lenses less than 2 inches wide.</p>						

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.

