

EXPLORATION LOG RSAI5

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7/24/2009
 EQUIPMENT: SDC550-24 SONIC CORE RIG
 LOGGED BY: SEARS/BRINKERHOFF

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
17.5									
20									
22.5									
25		SC	Yellowish brown (10YR 5/4) clayey SAND. 65% sand (100% fs), 35% lean clay, trace gravel, moist, dense, strong reaction with HCl.						
27.5		SP	Brown (7.5YR 4/4) poorly graded SAND. 70% sand (80% fs, 20% cs), 15% silt, 15% gravel (100% fg, subangular-subrounded), moist, dense, strong reaction with HCl. Collect sample RSAI5-28B. PID readings: 10.6 eV=0.0 ppmV, 11.7 eV=0.0 ppmV. END OF BORING AT 28.9 FEET						
30									
32.5									

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.