

EXPLORATION LOG RSAJ6

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7/17/2009
 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	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
		Fill	Road fill from grading, utility trench. Driller reports harder ground at 3 feet.						
		SM	<p>Alluvium. Light reddish brown (2.5YR 6/ 4) silty SAND. 70-80% fine grained sand, 20-30% silt, trace subangular gravel 2" in diameter. Low plasticity, dry. Weak-moderate cementation 3-4 feet.</p> <p>...weak to moderate cementation 8-10 feet, caliche nodules <2" diameter.</p> <p>Collect sample RSAJ6-10B, very dense, dry. PID reading: 10.6 eV=0.0 ppmV.</p> <p>11-12 feet; 3-7% gravel <2" in diameter, subangular-subrounded, volcanic.</p>						
		SP-SC	<p>Light reddish brown (2.5YR 6/4) poorly graded SAND with clay. 80-90% fine grained sand, 10-20% clay, trace gravel <2" diameter, subangular, volcanic, high plasticity.</p> <p>16-17 feet; moderate cementation.</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.

