

EXPLORATION LOG RSAK4

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7/6/2009
 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	Well graded cemented SAND, 95-100% fine to medium grained sand, 0-5% silt moderate to strong cementation. Collect sample RSAK4-20B, very dense, dry.						
		SM	Reddish brown (2.5YR 5/3) silty SAND, 50-70% fine grained sand, 30-50% silt. Low plasticity, dry. 25-26 feet, 1-3% coarse, subrounded, gravel. 26-27 feet, 5-8% caliche lenses/nodules.						
		ML	Muddy Creek Formation. Reddish brown (2.5YR 5/3) SILT with sand. 80-90% silt, 10-20% fine grained sand. Slightly moist. Collect sample RSAK4-31B, very stiff, moist. PID readings: 11.7 eV 0.0 ppmV, 10.6 eV 0.2 ppmV.						
			END OF BORING AT 32.5 FEET						

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.