

EXPLORATION LOG RSAL5

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	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
		PAVE Fill SW-SM	Alluvium, reddish brown (5YR 4/3) well graded SAND with silt, trace gravel. 85- 90% fine-coarse grained sand, 10-15% silt, trace gravel, subrounded, <2" in diameter, volcanic. Medium dense, dry, low plasticity. Collect sample RSAL5-0.5B. PID readings: 10.6 eV=0.0 ppmV, 11.7 eV=0.0 ppmV. 7-7.5 feet; 3-7% gravel, subrounded, <3" diameter, volcanic. Collect sample RSAL5-10B. PID readings: 10.6 eV=0.4 ppmV, 11.7 eV=3.6 ppmV. ...trace clay.						

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
		SW	Light reddish brown well graded SAND. 90-95% fine-coarse sand, 5-10% silt, dry.						
		ML	Muddy Creek Formation. Reddish brown (2.5YR 4/3) SILT with sand. 80-90% SILT, 10-20% sand, moist. Collect sample RSAL5-30B. PID readings: 10.6 eV=0.3 ppmV, 11.7 eV=0.0 ppmV.						
			END OF BORING AT 31.5 FEET						

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