

EXPLORATION LOG SA56

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 6/29/2009
 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
		Fill	Yellowish brown (10YR 5/4), poorly graded SAND with silt. 70% sand (85% fs, 15% cs), 30% silt, trace gravel, moist, dense.						
		SP-SM	Yellowish brown (10YR 5/6) poorly graded SAND with silt. 70% sand (85% fs, 15% cs), 30% silt, trace gravel, moist, weak to moderate cementation, strong reaction to HCl, medium dense. PID readings; 10.6 eV=4.2 ppmV, 11.7 eV=3.9 ppmV.						
			Collect sample SA56-10B. Yellowish red (5YR 5/6).						
		SM	Yellowish brown (10YR 5/4) sandy SILT. 40% sand (80% fs, 20% cs), 55% silt, 5%						

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		SC	<p>Muddy Creek Formation. Yellowish brown (10YR 5/6) clayey SAND. 60% fine grained sand, 40% lean clay, trace gravel, moist, laminated, weak reaction with HCl, medium dense.</p> <p>Collect sample SA56-37B. PID readings: 10.6 eV=4.8 ppmV, 11.7 eV=4.2 ppmV.</p>						
			END OF BORING AT 38.5 FEET						

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