

EXPLORATION LOG SA182-A1

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7-22-2009
 EQUIPMENT: SDC550-24 SONIC CORE RIG
 LOGGED BY: SEARS/BRINKERHOFF

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
 FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
20									
22.5		SC	MUDDY CREEK FORMATION: Clayey SAND, reddish brown (5YR 4/4), 40% lean clay, 60% fine sand, trace gravel, laminated, moist, weak to no HCl reaction						
25		SC	Collect SA182-25B, PID readings: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.6 ppmV						
27.5									
30		SC	...moisture content increases						
32.5		CL	Sandy CLAY, light yellowish brown (10YR 6/4), 60% lean clay, 40% fine sand, trace gravel, laminated, stiff, moist, weak HCl reaction						
35		SC	Clayey SAND, yellowish brown (10YR 5/4),						

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			35% lean clay, 65% fine sand, trace gravel, laminated, approximately 1" thick layers of poorly graded sand, wet, no HCL reaction						
		SC	Collect SA-182-38B, PID readings: 10.6 eV = 4.2 ppmV, 11.7 eV = 2.8 ppmV						
			END OF BORING AT 39.5 FEET						

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