

EXPLORATION LOG SA131

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7/23/2009
 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	
0		8 12 28	Fill							
2.5			Brown (7.5YR 5/3) silty SAND with gravel. 55% sand (70% fs, 20% ms, 10% cs). 35% silt, 10% gravel (70% fg, 20% mg, 10% cg up to 2"), dry, strong reaction with HCl, medium dense, black (7.5YR 2.5/1) ash layer at 10" less than 1" thick. Collect sample SA131-0.5B. PID readings: 10.6 eV=5.8 ppmV, 11.7 eV=6.3 ppmV.							
5		21 27 34	SP	Yellowish brown (10YR 5/8) poorly graded SAND. 75% sand (70% fs, 30% ms) 15% silt, 10% gravel (100% fg) moist, medium dense, weak reaction with HCl, some oxidation staining. Collect sample SA131-10B, PID readings: 10.6 eV=3.2 ppmV, 11.7 eV=1.6 ppmV.						
7.5										
10										
12.5										
15										

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			<p>...trace gravel.</p> <p>Collect sample SA131-27B. PID readings: 10.6eV=0.5 ppmV, 11.7 eV=0.3 ppmV.</p> <p style="text-align: center;">END OF BORING AT 27.8 FEET</p>						

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