

EXPLORATION LOG SA129-A2

PROJECT: TRONOX PHASE B
 EXPLORATION LOCATION: TRONOX AREA 2
 EXPLORATION SIZE (dia.): 3" CORE BARREL
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 9-21-2009
 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
		SP-SM	Silty SAND, yellowish brown (10YR 5/4), 35% silt, 65% fine to medium sand, trace gravel, loose, dry, strong HCl reaction						
		SP-SM	...4" thick ash layer, grey (10YR 6/1)						
		SP-SM	...weak to moderate cementation, slight chemical odor						
		SP-SM	Collect SA129-10B, PID readings: 10.6 eV = 0.3 ppmV, 11.7 eV = 1.3 ppmV						
		SP-SM	...gravel content increases to 10%						
		ML SP-SM	SILT with sand, light brown (7.5YR 6/3), 70% silt, 20% fine to medium sand, 10% fine to coarse gravel, dense, dry, strong HCl reaction Silty SAND, yellowish brown (10YR 5/4), 30% silt, 65% fine to medium sand, 5% fine to medium gravel, dense, dry, weak to moderate cementation, strong HCl reaction, slight chemical odor						

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.

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		SP-SM	...color to brown (7.5YR 4/4)						
		SP-SM	Collect SA129-29B, PID readings: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.0 ppmV						
			END OF BORING AT 30.5 FEET						

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