

EXPLORATION LOG SA141-A3

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 10-15-2009
 EQUIPMENT: SDC550-24 SONIC CORE BARREL
 LOGGED BY: SEARS/GAREY

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
17.5		SP	...10% gravel						
20		SP	...trace gravel						
22.5		SW	SAND with gravel, reddish brown (5YR 4/4), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine to medium volcanic gravel and caliche fragments, medium loose, damp, no plasticity, thin interbedded caliche, strong HCl reaction						
25		SW	Collect SA141-24B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.2 ppmV						
27.5		SW	SAND with gravel, reddish brown (5YR 4/4), 90% fine to coarse sand, 10% fine to medium gravel, medium loose, no plasticity, trace cementation						
30		SW	Collect SA141-30B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.1 ppmV						
31.5			END OF BORING AT 31.5 FEET						
32.5									

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.