

EXPLORATION LOG SA107-A2

PROJECT: TRONOX PHASE B

PROJECT NO.: 20092518V1

EXPLORATION LOCATION: TRONOX AREA 2

EXPLORATION DATE: 8-11-2009

EXPLORATION SIZE (dia.): 3" CORE BARREL

EQUIPMENT: SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE

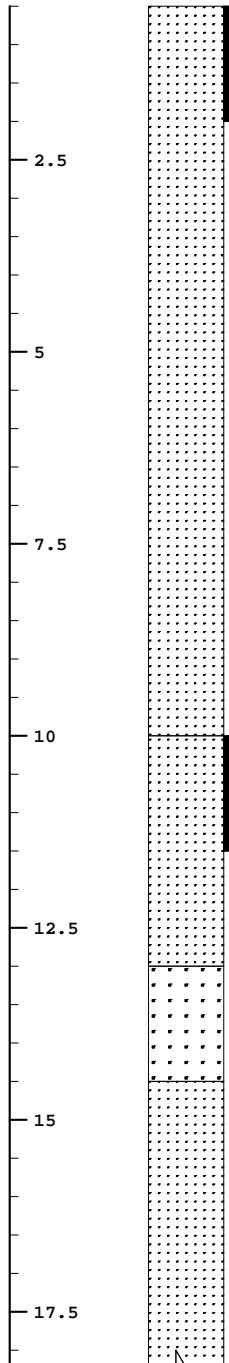
LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>12 18 15</p> </div> </div>		SW	Collect SA107-0.5B, PID readings: 10.6 eV = 4.2 ppmV, 11.7 eV = 3.8 ppmV SAND, reddish brown (5YR 5/4), 95% fine to coarse sub-angular to sub-rounded sand, 5% fine to medium sub-angular to sub-rounded gravel, medium dense, dry, strong HCl reaction						
10		SW	Collect SA107-10B, SA107009-10B						
12.5		SP	SAND, strong brown (7.5YR 4/6), 5% silt, 95% very fine to fine sub-angular to sub-rounded sand, dense, dry, low plasticity, strong HCl reaction						
15		SW	SAND, reddish brown (5YR 5/4), 95% fine to coarse sub-angular to sub-rounded sand, 5% fine to medium sub-angular to sub-rounded gravel, medium dense, dry, strong HCl reaction						
17.5									

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20		SW	Gravelly SAND, strong brown (7.5YR 4/6), 90% fine to coarse sub-angular to sub rounded sand, 10% fine to coarse sub-angular to sub-rounded volcanic gravel, dense, dry, zones of strong cementation (calcite cement), strong HCl reaction						
22.5									
25									
27.5		SW	...color to reddish brown (5YR 5/3)						
30		SW	Collect SA107-29B						
			END OF BORING AT 30.5 FEET						
32.5									
35									

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