

EXPLORATION LOG SA175-A2

PROJECT: TRONOX PHASE B

PROJECT NO.: 20092518V1

EXPLORATION LOCATION: TRONOX AREA 2

EXPLORATION DATE: 8-20-2009

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
		SW	SAND with gravel, brown (7.5YR 4/3), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine to coarse sub-angular to sub-rounded volcanic gravel, dense, dry, no to low plasticity, variable weak to moderate cementation (calcite cement), strong HCl reaction						
		SW	...gravel content to trace amounts, fine to medium						
	28 50/5	SW	Collect SA175-10B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV						
		SP	SAND, reddish brown (5YR 4/4), trace silt, 95% very fine to fine sand, dense, dry, low plasticity,						

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			strong HCl reaction, powdery						
20		SW	SAND, brown (7.5YR 4/3), 100% fine to medium sub-angular to sub-rounded sand, trace fine to coarse sub-angular to sub-rounded volcanic gravel, dense, dry, no to low plasticity, strong HCl reaction						
22.5									
25									
27.5									
30		SW	Collect SA175-28B, PID readings: 10.6 eV = 0.5 ppmV, 11.7 eV = 0.0 ppmV SAND, brown (7.5YR 4/4), 95% fine to coarse sand, 5% fine sub-angular to sub-rounded volcanic gravel, very dense, damp END OF BORING AT 29.5 FEET						
32.5									
35									

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