

EXPLORATION LOG SA167-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: 8/19/2009
 EQUIPMENT: SDC550-24 SONIC CORE RIG
 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
		SW	SAND, reddish brown (5YR 4/3), trace silt, 95% fine to coarse sand, approximately 5% fine to medium gravel, thin interbedded calcite, loose to dense, dry, low plasticity, strong HCl reaction, no odor						
		SW	Collect SA167-10B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV						
		SP	SAND, brown (7.5YR 4/2), trace silt, 100% very fine to fine, sub-angular to sub-rounded sand, dense, dry, low plasticity, strong HCl reaction, areas of weak to moderate calcite cementation						

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
		SW	SAND with gravel, reddish brown (5YR 4/4), 90% fine to coarse sand, 10% fine to medium gravel, trace calcite lenses, dense, damp, no plasticity, strong HCl reaction						
		SM	Silty SAND, yellowish red (5YR 5/8), 15% silt, 85% very fine to fine sand, loose, damp to moist, medium plasticity, no HCl reaction Collect SA167-28B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV						
		SM							
			END OF BORING AT 29.5 FEET						

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