

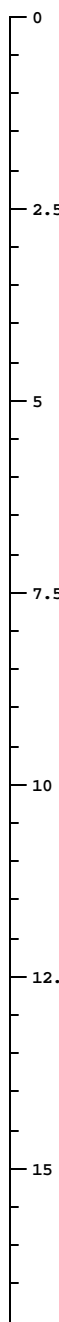
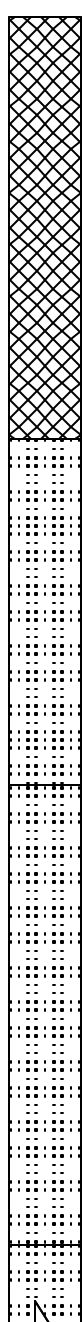
EXPLORATION LOG SA160-A3

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

PROJECT NO.: 20092518V1
EXPLORATION DATE: 10-14-2009
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
									
		FILL	FILL: SAND with gravel, SW, dark reddish brown (5YR 3/4), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine to coarse sub-angular to rounded volcanic gravel, trace caliche fragments, loose to medium loose, dry, no plasticity, strong HCl reaction						
		SW	SAND with gravel, reddish brown (5YR 4/4), 90% fine to coarse sand, 10% fine to medium gravel, medium loose to dense, dry, no plasticity, strong HCl reaction						
	15 10 9	SW	Collect SA160-10B, SA160-10BMS, SA160-10BMSD, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV						
		SW	...16'-19' below ground surface (BGS) volcanic cobbles present up to 5" diameter						

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		SW	Collect SA160-20B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.3 ppmV ...gravel content to 5%						
		SW	Gravelly SAND, dark reddish brown (5YR 3/4), 85% fine to coarse sub-angular to sub-rounded sand, 15% fine to coarse sub-angular to rounded gravel, medium loose, moist, no plasticity, weak cementation on gravel, no HCl reaction						

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<div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <div style="display: flex; flex-direction: column; align-items: center; margin-left: 5px;"> 23 19 21 </div> </div> </div>		SW	Collect SA160-34B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.1 ppmV <div style="text-align: center; border-top: 1px solid black; padding-top: 5px;"> END OF BORING AT 35.5 FEET </div>						

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