

EXPLORATION LOG SA188-A2

PROJECT: TRONOX PHASE B

PROJECT NO.: 20092518V1

EXPLORATION LOCATION: TRONOX AREA 2

EXPLORATION DATE: 9-9-2009

EXPLORATION SIZE (dia.): 6.25" CORE BARREL

EQUIPMENT: SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE

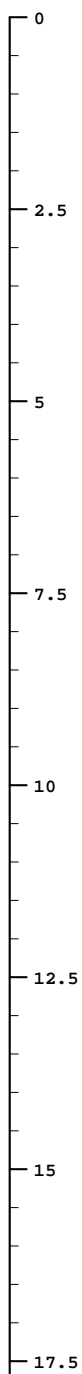
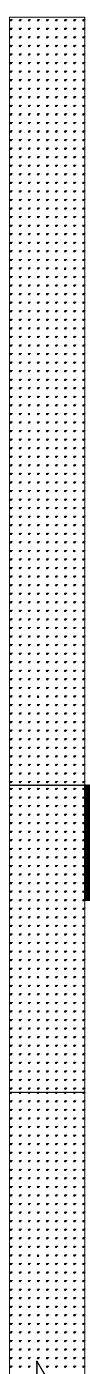
LOGGED BY: SEARS/GAREY

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, reddish yellow (7.5YR 6/6), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine gravel, caliche fragments present, loose to dense, dry, no plasticity						
	<div style="position: absolute; left: 170px; top: 665px; width: 20px; height: 15px; background-color: black; border: 1px solid black; display: flex; flex-direction: column; justify-content: center; align-items: center; font-size: 8px;"> 15 18 24 </div>	SW	Collect SA188-10B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 2.5 ppmV ...color to reddish brown (5YR 4/4)						
		SW	...weak caliche zone present						

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		SW	...hard cemented sand (gypsum cement)						
		SW	Collect SA188-25B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 2.1 ppmV Gravelly SAND, dark reddish brown (5YR 3/4), 85% fine to coarse sand, 15% gravel						
		SW	...gravel content to trace amounts						
		SP	SAND with silt, approximately 5% silt, 95% very fine to fine sand, dense to very dense, damp, low to medium plasticity, cemented sand nodules present, no to weak HCL reaction						

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			SP Collect SA188-37B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.2 ppmV						
			END OF BORING AT 38.5 FEET						

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