

EXPLORATION LOG RSAO5-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: 8-27-2009
 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 with gravel, dark reddish brown (5YR 3/4), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine to coarse sub-angular to sub-rounded gravel, trace caliche fragments, loose to medium dense, dry, no plasticity,						
		SW	Collect RSAO5-10B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV ...gravel content to trace amounts						
		SW	...calichified, color to reddish brown (5YR 4/4), dense						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

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		SW	...heavy calcite cementation, color to light reddish brown (5YR 6/3)						
		SW	Collect RSAO5-25B, PID readings: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.0 ppmV						
		SW	...strong gypsum cementation						

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