

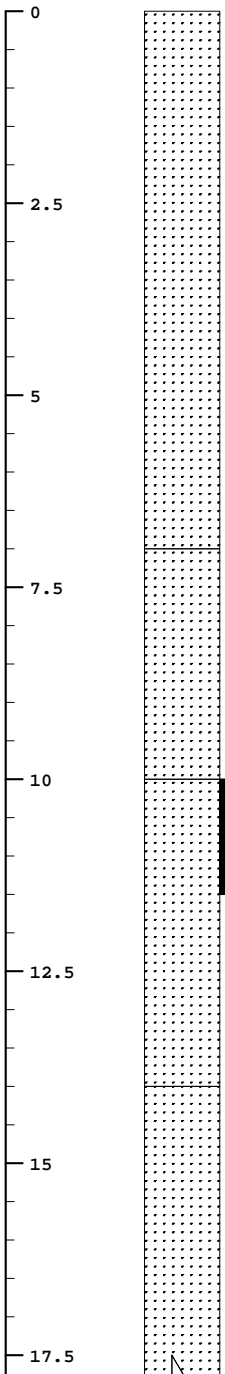
EXPLORATION LOG SA197-A2

PROJECT: TRONOX PHASE B
 EXPLORATION LOCATION: TRONOX AREA 2
 EXPLORATION SIZE (dia.): 3" CORE BARREL
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 8-20-2009
 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
0		SW	SAND, dark brown (7.5YR 3/3), 100% fine to coarse sub-angular to sub-rounded sand, trace gravel up to 2" diameter, very dense, dry, no plasticity, interbedded 4" layers of caliche, weak HCl reaction						
2.5		SW	...color to yellowish red (5YR 4/6), gravel content to 10%						
5		SW	Collect SA197-10B, SA197009-10B, PID readings: 10.6 eV = 0.5 ppmV, 11.7 eV = 0.0 ppmV						
7.5		SW	Gravelly SAND, yellowish red (5YR 5/6), 80% fine to coarse sand, 20% fine to medium gravel, dense, moist, no plasticity						
10									
12.5									
15									
17.5									

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.

