

EXPLORATION LOG SA169-A4

PROJECT: TRONOX PHASE B
EXPLORATION LOCATION: TRONOX AREA 4
EXPLORATION SIZE (dia.): 3" CORE BARREL
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
EXPLORATION DATE: 10-2-2009
EQUIPMENT: SDC550-24 SONIC CORE RIG
LOGGED BY: THOMPSON/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
20		SW	...gravel content increasing to 10%						
22.5		SW	...gypsum crystals present						
25		SW	Collect SA169-25B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 4.8 ppmV SAND with gravel, reddish brown (5YR 5/4), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine to medium gravel up to 2" diameter, dense, dry, weakly cemented zones, strong HCl reaction						
27.5									
30		SW	...gravel content to 5%						
32.5									
		SW	...color to light reddish brown (5YR 6/4)						

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.

