


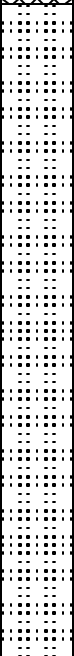
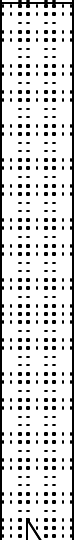
EXPLORATION LOG RSAN8-A3

PROJECT: TRONOX PHASE B
EXPLORATION LOCATION: TRONOX AREA 3
EXPLORATION SIZE (dia.): 6.25" CORE BARREL
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
EXPLORATION DATE: 10-13-2009
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		FILL	FILL: SAND, SW, dark reddish brown (5YR 3/4), 95% fine to coarse sand, 5% fine to medium volcanic gravel, dry						
2.5		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, small calichified zones, strong HCl reaction						
5									
7.5									
10	 17 41 50	SW	Collect RSAN8-10B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV						
12.5									
15									

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5		SW	...gravel content to 15%						
20		SW	Collect RSAN8-20B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV ...gravel content to 10%						
22.5									
25		SW	...sand is sub-angular to rounded						
27.5		SW	Collect RSAN8-28B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV SAND, light reddish brown (2.5YR 6/4) 95% fine to coarse sand, 5% medium sub- angular to sub-rounded gravel, loose to dense, moist, no plasticity, no HCl reaction ...wet						
30		SW							
32.5			END OF BORING AT 31.0 FEET						

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