

EXPLORATION LOG RSAL7-A1

PROJECT: TRONOX PHASE B

PROJECT NO.: 20092518V1

EXPLORATION LOCATION: TRONOX AREA 1

EXPLORATION DATE: 8/6/2009

EXPLORATION SIZE (dia.): 3" CORE BARREL

EQUIPMENT: SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE

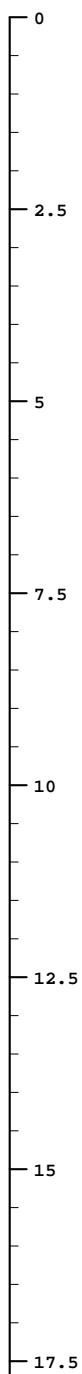
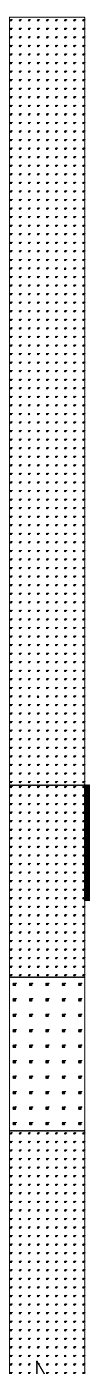
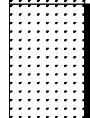
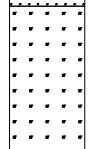
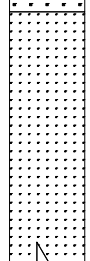
LOGGED BY: SEARS/GAREY

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, dark reddish brown (5YR 3/3), 95% sub-angular to sub-rounded fine to coarse sand, 5% sub- angular to sub-rounded volcanic gravel, calichified, dense, dry, strong HCl reaction,						
	<div style="display: flex; align-items: center;">  <div style="margin-left: 5px; text-align: center;"> <p>38 35 40</p> </div> </div>	SW	Collect RSAL7-10B, RSAL7009-10B, PID readings: 10.6 eV = 6.3 ppmV, 11.7 eV = 2.7 ppmV						
		SP	SAND, pale brown (10YR 6/3), 100% trace silt, 100% very fine to fine sand, dry						
		SW	SAND, brown (10YR 5/3), 100% very fine to coarse sand, dense, dry						

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
20									
22.5		SP	SAND, light brown (7.5YR 6/4), trace silt, 100% very fine sand, dense, dry						
25		SW	SAND, brown (7.5YR 4/3), 95% sub-angular to sub-rounded very fine to coarse sand, 5% fine gravel, calichified zones, dense, damp,						
27.5		SW	Collect RSAL7-27B, PID readings: 10.6 eV = 1.5 ppmV, 11.7 eV = 0.4 ppmV						
30			END OF BORING AT 28.5 FEET						
32.5									
35									

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