

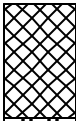
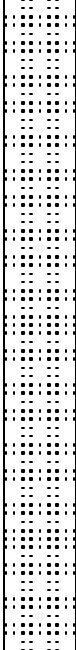
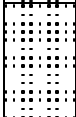
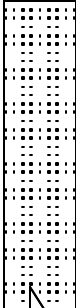
EXPLORATION LOG SA112-A3

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: 10-22-2009
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 with gravel, dark reddish brown (5YR 3/4)						
2.5		SW	SAND with gravel, reddish brown (5YR 4/ 4), 90% fine to coarse sand, 10% fine to medium sub-angular to rounded volcanic gravel, trace caliche fragments, loose, dry, no plasticity, strong HCl reaction						
5									
7.5									
10		SW	Collect SA112-10B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.2 ppmV						
12.5									
15		SW	...gravel to 5%						

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
	<div style="border: 1px solid black; width: 100%; height: 100%; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div>								
17.5									
20	17 17 18	SW	Collect SA112-20B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.2 ppmV						
22.5		SW	...weak gypsum cementation						
25		SP	SAND, strong brown (7.5YR 5/8), trace silt, very fine to fine sub-angular to sub-rounded sand, loose, damp, no to low plasticity,						
27.5									
30		SP	SAND with silt, strong brown (7.5YR 5/8) , 5% silt, 95% very fine to fine sand, trace calcite nodules, loose, damp, medium plasticity, no HCl reaction						
32.5									

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div>	SP	Collect SA112-34B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.1 ppmV END OF BORING AT 35.5 FEET						

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