

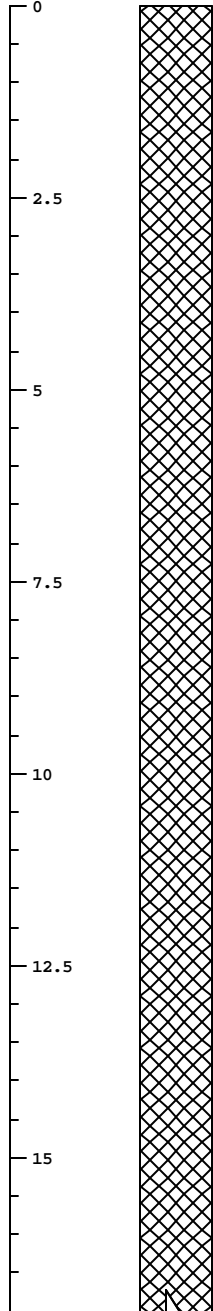
EXPLORATION LOG SA143-A3

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

PROJECT NO.: 20092518V1
EXPLORATION DATE: 10-15-2009
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
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>0</p><p>2.5</p><p>5</p><p>7.5</p><p>10</p><p>12.5</p><p>15</p> </div>  </div>		FILL	FILL: Manganese tailings, black (10R 2.5/1), 100% fine manganese sand, trace large chunks with white staining, dense, damp, faint chemical odor						

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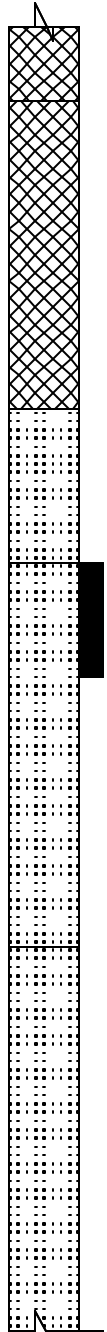
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		FILL	...dark reddish grey (5YR 3/2), trace fine to coarse sand and fine to medium gravel						
		SW	SAND, dark reddish brown (5YR 3/4), 95% fine to coarse sub-angular to sub-rounded sand, 5% fine to medium angular to sub-rounded volcanic gravel, trace caliche fragments, medium dense, dry, no plasticity, strong HCl reaction						
	21 32 27	SW	Collect SA143-24B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV						
		SW	...reddish brown (5YR 4/4), 10% gravel						

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		SW	Collect SA143-34B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV						
		SW	...no HCl reaction						
		SP	SAND, reddish brown (5YR 4/4), trace silt,						
		SP	100% fine sand SAND, dark reddish brown (5YR 3/4), 100% fine to medium sub-angular to rounded sand, medium dense, moist, no plasticity, trace gypsum cementation, weak HCl reaction						
		SP	Collect SA143-50B, SA143009-50B, PID readings: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.2						

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			ppmV END OF BORING AT 51.5 FEET						

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