

EXPLORATION LOG SA130-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: 10-8-2009
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="flex: 1;"> <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 style="flex: 1; border-left: 1px solid black; border-right: 1px solid black; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; height: 100%; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div> <div style="position: absolute; top: 90%; left: 50%; transform: translate(-50%, -50%); font-size: small;"> 13 18 19 </div> </div> </div>		FILL	FILL: SAND, SP, black (10R 2/1), fine to medium sand, medium loose, dry to damp, medium plasticity, weak HCl reaction, stained by tar like substance, weak chemical odor, PID readings: 10.6 eV = 0.3 ppmV						
		SW	SAND with gravel, reddish brown (5YR 4/ 4),						
		SW	85% fine to coarse sand, 15% fine to medium sub-angular to sub-rounded gravel, medium loose, dry, no plasticity, strong HCl reaction Collect SA130-10B, PID readings: 10.6 eV = 0.0 ppmV						
		SW	...13'-13.5' below ground surface (BGS) black staining is present						
		SW	...reddish brown (5YR 4/4)						

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		SW	...weak calcite cementation						
		SW	Collect SA130-25B, PID readings: 10.6 eV = 0.0 ppmV						
		SP	SAND, light reddish brown (5YR 6/4), 100% very fine to fine sand, medium dense, dry, no plasticity, trace gypsum cementation						
		SW	SAND with gravel, reddish brown (5YR 4/ 4), 90% fine to coarse sand, 10% fine to medium sub-angular to sub-rounded gravel, medium loose, dry, no plasticity, strong HCl reaction						

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<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>35</p><p>37.5</p><p>40</p><p>42.5</p><p>45</p><p>47.5</p><p>50</p> </div> </div>									
		SW	...heavy calcite cementation						
		SW	...gravel content to 5%						
	29 50/4	SW	Collect SA130-43B, PID readings: 10.6 eV = 0.1 ppmV ...trace gravel						
			END OF BORING AT 44.5 FEET						

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