

# EXPLORATION LOG SA132-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:** 10-23-2009  
**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	19 18 16		PAVE ASPHALT approximately 4" thick						
2.5	50/3		FILL Collect SA132-0.5B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV FILL: Gravelly SAND, dark reddish brown (5YR 3/4), 85% fine to coarse sand, 15% fine to medium gravel, trace caliche fragments, dry SAND with gravel, light reddish brown (5YR 6/4), 90% fine to coarse sub-angular to sub-rounded sand, 10% fine to coarse gravel, medium dense, dry, no plasticity, strong HCl reaction						
5									
7.5									
10									
12.5									
15									

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		SW	...damp						
		SW	Collect SA132-20B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV						
		SP	SAND, pinkish grey (5YR 7/2), 100% very fine to fine sand, damp, no plasticity, gypsum cementation						
		SP	...trace silt, medium loose, damp, low plasticity						
		SP	SAND with silt, yellowish red (5YR 4/6), 5% silt, 95% very fine to fine sand, scattered gypsum and calcite concretions, moist						

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	<div style="border: 1px solid black; padding: 2px; display: inline-block;">             9 11 8           </div>	SP	Collect SA132-34B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.7 ppmV  <b>END OF BORING AT 35.5 FEET</b>						

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