

# EXPLORATION LOG SA128-A2

**PROJECT:** TRONOX PHASE B  
**EXPLORATION LOCATION:** TRONOX AREA 2  
**EXPLORATION SIZE (dia.):** 3" CORE BARREL  
**ELEVATION:** EXISTING GROUND SURFACE

**PROJECT NO.:** 20092518V1  
**EXPLORATION DATE:** 9-16-2009  
**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
		SW	SAND with gravel, reddish brown (5YR 5/ 4), 90% fine to coarse sub-angular to sub-rounded gravel, 10% fine to coarse sub-angular to sub-rounded volcanic gravel, trace reworked caliche nodules, loose, dry, no plasticity, strong HCl reaction, black organic staining to 3' below ground surface (BGS)						
		SW	...gravel content to 5%						
	<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     26 25 23                 </div>	SW	Collect SA128-10B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV						

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		SP	MUDDY CREEK FORMATION: SAND, yellowish brown (10YR 5/6), 5% silt, 95% very fine to fine sand, dense, dry, low plasticity, weakly cemented zones, weak HCl reaction						
		SP	...color to dark yellowish brown (10YR 4/6), damp						
		SP	Collect SA128-29B, PID readings: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.0 ppmV ...moderate plasticity, no HCl reaction						
			<b>END OF BORING AT 30.5 FEET</b>						

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