



# EXPLORATION LOG SA92-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:** 8-10-2009  
**EQUIPMENT:** SDC550-24 SONIC CORE RIG  
**LOGGED BY:** SEARS/FERRINGER

**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
20	50/5	SW-SM	Collect SA92-20B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV SAND with silt, reddish brown (5YR 4/3), 10% silt, 70%-80% fine to medium sand, 10%-20% coarse sand, trace fine sub-angular volcanic gravel, trace caliche nodules less than 1" diameter, very dense, dry, low plasticity, strong HCl reaction						
22.5									
25									
27.5									
30									
32.5	20 30 47	SW	Collect SA92-31B, PID readings: 10.6 eV = 0.4 ppmV, 11.7 eV = 2.4 ppmV SAND, brown (7.5YR 4/4), 75% fine to medium sand, 25% coarse sand, trace fine sub-angular volcanic gravel, dense, damp, no plasticity, strong HCl reaction, likely facies change prior to Muddy Creek Formation <b>END OF BORING AT 32.5 FEET</b>						
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The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.