

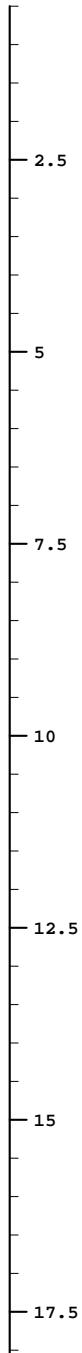
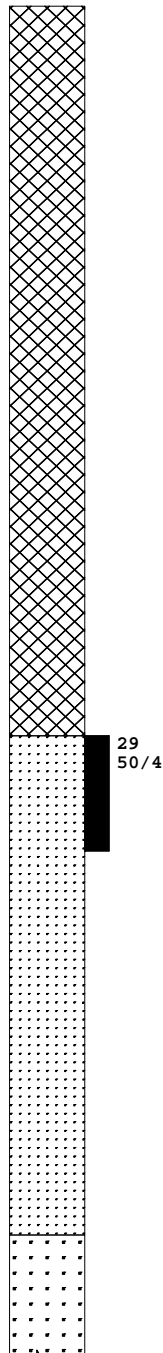
# EXPLORATION LOG RSAM6-A2

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

PROJECT NO.: 20092518V1  
 EXPLORATION DATE: 8/19/2009  
 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
		FILL           SW           SP	SAND with gravel, SW, dark brown (7.5YR 3/3), 90% fine to coarse sand, 10% angular to sub-rounded, fine to coarse gravel, trace caliche nodules, medium dense, dry, low plasticity,           Collect RSAM6-10B, PID readings: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.0 ppmV           SAND, reddish brown (5YR 4/3), 100% very fine to fine sand, loose to very dense where cemented, very dry, no plasticity, weakly to highly cemented						

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
20									
22.5									
25		SP	...coarse sand content increases, yellowish brown (10YR 5/6), no plasticity						
27.5		SW	Collect RSAM6-28B, RSAM6009-28B, PID readings: 10.6 eV = 0.5 ppmV, 11.7 eV 0.0 ppmV SAND, dark brown (7.5YR 3/3), 90% sub-angular to sub-rounded fine to coarse sand, 10% fine gravel, trace caliche nodules, very dense, damp, no plasticity						
30			<b>END OF BORING AT 29.5 FEET</b>						
32.5									
35									

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