

EXPLORATION LOG RSAK6-A1

PROJECT: TRONOX PHASE B
EXPLORATION LOCATION: TRONOX AREA 1
EXPLORATION SIZE (dia.): 3" CORE BARREL
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
EXPLORATION DATE: 7/17/2009
EQUIPMENT: SDC550-24 SONIC CORE RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
		Fill							
		SW-SM	Alluvium. Reddish brown, well graded SAND with silt, trace gravel (subangular-subrounded, <2" in diameter) , dry, low plasticity.						
			Collect sample RSAK6-10B, medium dense, dry.						
		SM	Reddish brown (5YR 4/3) silty SAND. 70- 85% fine-medium grained sand, 15-30% silt, trace						

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			gravel (subrounded, <2" in diameter, volcanic), low plasticity, dry.						
22.5		SW	Well graded SAND, moderately cemented.						
25		SW-SM	Reddish brown (5YR 5/4) well graded SAND with silt. 80-90% fine-medium grained sand, 10-20% silt, low plasticity, dry. Collect sample RSAK6-24B, very dense, moist.						
			END OF BORING AT 25.5 FEET						
27.5									
30									
32.5									
35									

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