

# EXPLORATION LOG SA75

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)	% SWELL	WELL CONSTRUCTION
		PAVE Fill							
		SW	Alluvium, reddish brown (5YR 4/4) well graded SAND with silt, trace gravel. 85- 95% fine-coarse grained sand, 5-15% silt, trace gravel (subangular, <2" in diameter), medium dense, dry. Collect sample SA75-0.5B, medium dense, dry. PID reading: 10.6 eV=0.0 ppmV.						
		SW-SM	Reddish brown (5YR 4/4) well graded SAND with silt, trace gravel. 80-90% fine-medium grained sand, 10-20% silt, trace gravel, low plasticity, dry.  Collect sample SA75-10B. Very dense, dry. PID reading: 10.6 eV=0.0 ppmV.  13-14 feet; 5-8% gravel, subrounded, <3" in diameter, volcanic.						

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			17-18 feet; 3-5% gravel, subrounded, <3" in diameter, dark gray carbonate and volcanics.						
		CL	Reddish brown (2.5YR 4/4) lean CLAY with fine grained sand.						
		SW	Well graded SAND, trace silt and gravel. 90-100% fine-medium grained sand, trace silt, trace gravel (subrounded, volcanic).						
			Collect sample SA75-28B, very dense, moderately cemented, dry. <b>END OF BORING AT 28.5 FEET</b>						

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