

EXPLORATION LOG SA134

PROJECT: TRONOX PHASE B **PROJECT NO.:** 20092518V1
EXPLORATION LOCATION: TRONOX AREA 1 **EXPLORATION DATE:** 7/1 - 7/2/2009
EXPLORATION SIZE (dia.): 3" CORE BARREL **EQUIPMENT:** SDC550-24 SONIC CORE RIG
ELEVATION: EXISTING GROUND SURFACE **LOGGED BY:** THOMPSON/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED **DATE MEASURED:** NA
FINAL DEPTH TO WATER: NOT ENCOUNTERED **DATE MEASURED:** NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
	Fill SW-SM	Fill SW-SM	Approximately 2 inches of asphalt, 4 inches fill. Reddish brown (5YR 4/4) well graded SAND with silt. 80-90% fine to coarse grained sand, 10-20% silt. Collect sample SA134-0.5B. PID readings: 11.7 eV 1.2 ppmV, 10.6 eV 0.2 ppmV. Collect sample SA134-10B. Dense, dry. PID readings: 11.7 eV 0.5 ppmV, 10.6 eV 0.0 ppmV. 12.5-15 feet 10-20% subangular gravel, volcanic.						

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.

EXPLORATION LOG SA134

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

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7/1 - 7/2/2009
 EQUIPMENT: SDC550-24 SONIC CORE RIG
 LOGGED BY: THOMPSON/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
17.5			Collect sample SA134-20B. Very dense, dry. PID readings: 11.7 eV 0.4 ppmV, 10.6 eV 0.0 ppmV.						
20									
22.5		SM	Reddish brown (5YR 5/4) silty SAND. 85-90% fine grained sand, 10-15% silt. Low plasticity.						
25		SP-SM	Light reddish brown (2.5YR 7/3) poorly graded SAND with silt. 85-95% fine grained sand, 5-15% silt. Low plasticity.						
27.5		SM	Reddish brown (5YR 4/4) silty SAND. 70-90% fine grained SAND, 10-30% silt.						
30									
32.5			Collect sample SA134-31B, SA134009-31B. Medium dense, slightly moist. PID readings: 11.7 eV 0.0 ppmV, 10.6 eV 0.0 ppmV.						
			END OF BORING AT 32.5 FEET						

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.