

EXPLORATION LOG SA206-A1

PROJECT: TRONOX PHASE B

PROJECT NO.: 20092518V1

EXPLORATION LOCATION: TRONOX AREA 1

EXPLORATION DATE: 7/6/2009

EXPLORATION SIZE (dia.): 3" CORE BARREL

EQUIPMENT: SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: SEARS/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)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
		SW-SM	<p>Reddish brown (5YR 4/4) well graded SAND with silt. 80-90% fine to coarse grained sand, 10-20% silt, trace subangular gravel, volcanic. Collect sample SA206-0.5B, loose, dry. PID readings: 11.7 eV 0.4, 10.6 eV 0.0 ppmV.</p> <p>7-8 feet, 2-5% subangular to subrounded gravel, less than 3 inches diameter, volcanic. Cobble at 8 feet.</p> <p>Collect sample SA206-10B, very dense, dry. PID readings: 11.7 eV 0.0 ppmV, 10.6 eV 0.4 ppmV.</p>						
		SM	<p>Reddish brown (5YR 4/3) silty SAND. 60 80% fine grained sand, 20-40% silt, low plasticity, dry.</p>						

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 SA206-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: 7/6/2009
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
		ML	<p>Muddy Creek Formation. SILT with sand, gypsiferous from 18-19 feet. 70-90% silt, 10-20% fine grained sand. Moist.</p> <p>Collect sample SA206-20B, very stiff, moist.</p> <p>Collect samples SA206-30B, SA206-30BMS, SA206-30BMSD. Very stiff, very moist. PID readings: 11.7 eV 0.0 ppmV, 10.6 eV 0.9 ppmV.</p>						
			END OF BORING AT 31.5 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.