

EXPLORATION LOG SA201-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: 6/23 - 6/24 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
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>0</p><p>2.5</p><p>5</p><p>7.5</p><p>10</p><p>12.5</p><p>15</p><p>17.5</p> </div> </div>		SW	<p>Dark reddish brown (5YR 3/3) well graded SAND with silt trace gravel. 85-90% fine to coarse grained sand, 10-15% silt, 2-5% subrounded to angular gravel, volcanic. Dry.</p> <p>Weakly cemented 9-10 feet.</p> <p>Collect sample SA201-10B. Dry. PID readings: 11.7 eV 0.0 ppmV, 10.6 eV 1.0 ppmV.</p>						
		SW-SM	<p>Reddish gray (5YR 5/2) well graded SAND with silt and gravel. 70-90% fine to coarse grained sand, 10-15% subangular to subrounded gravel, 10-15% silt.</p>						
		SW-SM	<p>Reddish brown (5YR 5/3) well graded SAND with silt. 70-90% fine to coarse grained sand, 10-15% silt, 2-5% angular to subrounded gravel.</p> <p>13-15 feet, thin caliche lenses less than 2 inches thick.</p> <p>17-19 feet, thin caliche lenses less than 2 inches wide.</p>						

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			<p>25-26 feet, Reddish brown gravelly bed.</p> <p>Collect sample SA201-28B, SA201009-28B. Medium dense, moist. PID readings: 11.7 eV 19.3 ppmV, 10.6 eV 1.9 ppmV.</p>						
			END OF BORING AT 29.5 FEET						

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