

EXPLORATION LOG SA165-A2

PROJECT: TRONOX PHASE B
EXPLORATION LOCATION: TRONOX AREA 2
EXPLORATION SIZE (dia.): 3" CORE BARREL
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
EXPLORATION DATE: 9-17-2009
EQUIPMENT: SDC550-24 SONIC CORE RIG
LOGGED BY: SEARS/FERRINGER

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
	6 19 50/5	SP	Collect SA165-0.5B, PID readings: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV SAND, reddish brown (5YR 4/3), 100% fine to medium sand, organic material present, loose to dense, damp, low plasticity, weak HCl reaction						
	24 24 41	SP	Collect SA165-10B, SA165-10BMS, SA165-10BMSD PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV SAND, brown (7.5YR 5/3), 90% fine to medium sand, 5% coarse sand, 5% fine angular volcanic gravel, trace caliche nodules approximately 0.5" diameter, dense, dry, no plasticity, weakly cemented zones, moderate to strong HCl reaction						

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20		SP-SM	SAND with silt, brown (7.5YR 4/4), 10% silt, 90% very fine to fine sand, loose, moist, low plasticity, no HCl reaction						
22.5									
25									
27.5									
29.5		SP-SM	Collect SA165-28B, PID readings: 10.6 eV = 1.1 ppmV, 11.7 eV = 0.0 ppmV						
30			END OF BORING AT 29.5 FEET						
32.5									
35									

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