

EXPLORATION LOG RSAK8

PROJECT: <u>TRONOX PHASE B</u>	PROJECT NO.: <u>20092518V1</u>
EXPLORATION LOCATION: <u>TRONOX AREA 1</u>	EXPLORATION DATE: <u>7/20/2009</u>
EXPLORATION SIZE (dia.): <u>3" CORE BARREL</u>	EQUIPMENT: <u>SDC550-24 SONIC CORE RIG</u>
ELEVATION: <u>EXISTING GROUND SURFACE</u>	LOGGED BY: <u>SEARS/BRINKERHOFF</u>

INITIAL DEPTH TO WATER: <u>NOT ENCOUNTERED</u>	DATE MEASURED: <u>NA</u>
FINAL DEPTH TO WATER: <u>NOT ENCOUNTERED</u>	DATE MEASURED: <u>NA</u>

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	% SWELL	WELL CONSTRUCTION
		Fill							
		SP-SM	<p>Reddish brown poorly graded SAND with silt. 75% sand (80% fs, 20% ms), 15% silt, 10% gravel, trace gypsum, moist, medium dense, strong reaction to HCl.</p> <p>...gravel <2" diameter, volcanic. Collect sample RSAK8-10B. PID readings: 10.6 eV=0.5 ppmV, 11.7 eV=0.0 ppmV.</p> <p>...weak to moderate cementation, strong reaction to HCl.</p> <p>Yellowish brown poorly graded SAND with silt. 80% sand (85% fs, 15% cs), 20% silt, trace</p>						

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			<p>gravel, moist, laminated, strong reaction with HCl.</p> <p>...light yellowish brown, trace clay.</p>						
		SC	<p>Muddy Creek Formation, abrupt contact with overlying soil. Yellowish brown (10YR 5/4) clayey SAND. 75% sand (100% fine sand), 25% lean clay, trace gravel, moist, laminated, strong reaction with HCl, stiff.</p> <p>Collect sample RSAK8-26B. PID readings: 10.6 eV=2.4 ppmV, 11.7 eV=1.6 ppmV.</p>						
			END OF BORING AT 27.5 FEET						

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