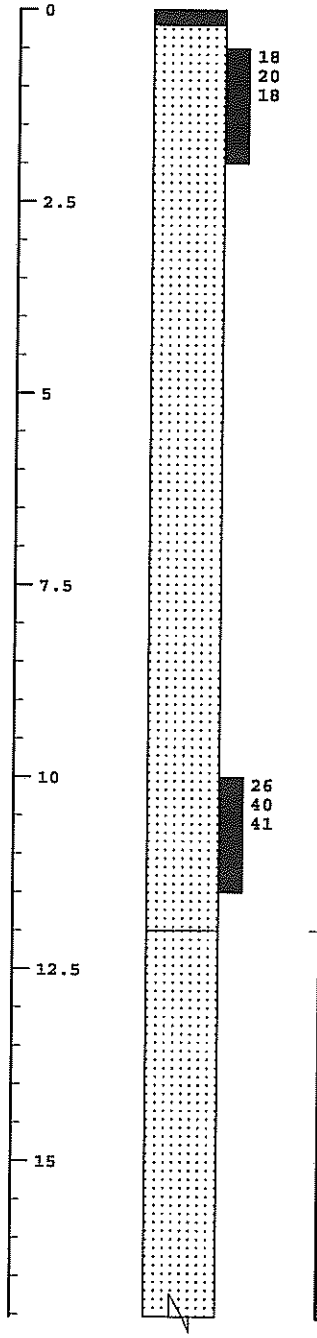
EXPLORATION LOG
RSAL6

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

PROJECT NO.: 20092518V1
EXPLORATION DATE: 7/29/2009
EQUIPMENT: SDC550-24 SONIC CORE RIG
LOGGED BY: SEARS/GAREY

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
		PAVE							
		SW	Strong brown (7.5YR 5/8) well graded SAND, 95% fine to coarse grained sand, subangular to subrounded , 5% fine grained, subangular gravel, non plastic, high K, no odor, strong reaction with HCl. Collect sample RSAL6-0.5B, PID readings: 10.6eV=0.5 ppmV, 11.7eV=0.6 ppmV.						
			...moderate to strong calcite cementation.						
			Collect sample RSAL6-10B, PID readings: 10.6eV=0.0 ppmV, 11.7eV=0.3 ppmV.						
		SW	Yellowish brown (10YR 7/8) well graded SAND, 100% fine to coarse grained sand, subangular to subrounded, non plastic, modertae K, reacts with HCl.						

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.

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.

Figure No.

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RSAL6

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EXPLORATION DATE: 7/29/2009
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EQUIPMENT: SDC550-24 SONIC CORE RIG
ELEVATION: EXISTING GROUND SURFACE
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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
17.5									
20		SP-SM	Light brown (7.5YR 6/3) poorly graded SAND with silt, 90% fine grained, subangular to subrounded sand, 10% silt, low plasticity, low K, no odor, reacts with HCl.						
22.5									
25		SW	...well graded SAND.						
27.5	29 37 46	SP-SM	Reddish yellow (7.5YR 6/8), poorly graded SAND with silt, 90% fine grained, subangular to subrounded sand, 10% silt, low plasticity, low K, reacts with HCl, no odor, moist. Collect sample RSAL6-28B, PID readings: 10.6eV=1.4 ppmV, 11.7eV=0.0 ppmV.						
30			END OF BORING AT 29.5 FEET						
32.5									

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Figure No.