

# EXPLORATION LOG RSAM7

PROJECT: <u>TRONOX PHASE B</u>	PROJECT NO.: <u>20092518V1</u>
EXPLORATION LOCATION: <u>TRONOX AREA 2</u>	EXPLORATION DATE: <u>7/28/2009</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/GAREY</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
		SW	Alluvium. Brown (7.5YR 4/4) well graded SAND, loose, dry, subangular to subrounded, fine-medium grained, volcanic fragments. Collect sample RSAM7-0.5B.						
		SP	Strong brown (7.5YR 4/6) poorly graded SAND, subangular to subrounded, volcanic fragments, weak cementation (calcite), max grain size 0.25 inches, very dense.  Collect sample RSAm7-10B, RSAM7009-10B; PID readings: 10.6eV=0.3 ppmV, 11.7eV=0.0 ppmV.  Core loss 11.5-21 feet.						

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			<p>Strong brown (7.5YR 4/6) SAND with trace silt, fine to coarse grained sand, subrounded to subangular, dense, dry, volcanic fragments, weak cementation (calcite).</p> <p>No recovery 24-28 feet.</p>						
	37 50/5	SW	<p>Reddish brown (5YR 4/3) SAND trace gravel, subangular to subrounded, 90% fine-coarse grained sand, 10% gravel, volcanic, fine grained, dense, wet, weakly calcite cemented. Collect sample RSAM7-28B, PID readings: 10.6eV=0.4 ppmV, 11.7eV=0.0 ppmV.</p> <p style="text-align: center;">END OF BORING AT 29.0 FEET</p>						

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