

EXPLORATION LOG RSAM2

PROJECT: TRONOX PHASE B
 EXPLORATION LOCATION: TRONOX AREA 1
 EXPLORATION SIZE (dia.): 3" CORE BARREL
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
 EXPLORATION DATE: 7/10/09
 EQUIPMENT: SDC550-24 SONIC CORE RIG
 LOGGED BY: THOMPSON/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)	% SWELL	WELL CONSTRUCTION
	<p style="text-align: center;">46 50/5 50/5</p>	<p>FILL</p> <p>SW-SM</p>	<p>Reddish brown (5YR 4/4) well graded SAND with silt, trace gravel. 70-90% fine-medium grained sand, 10-20% silt, trace gravel. Gravel less than 3 inches diameter, subrounded, volcanic. Dry.</p> <p>5-10 feet; 5-8% gravel, subrounded-subangular, less than 2 inches diameter, volcanic.</p> <p>Collect sample RSAM2-10B, very dense, dry.</p>						

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			18-19 feet; trace caliche lenses/nodules, light gray to white.						
		CL	Collect sample RSAM2-20B, RSAM2009-20B, very dense, dry. Brown (7.5YR 5/3) sandy CLAY. 80-90% lean clay, 10-20% fine grained sand, high plasticity.						
		ML	Muddy Creek Formation. Reddish brown (5YR 4/4) SILT with sand, 85-90% silt, 10-15% fine grained sand, trace clay, dry. 24-24.5 feet; moderately cemented, calcite cement.						
			moist, decrease sand content.						

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<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>35</p> <p>37.5</p> <p>40</p> <p>42.5</p> <p>45</p> <p>47.5</p> <p>50</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>			<p>Collect sample RSAM2-35B, very stiff, moist.</p> <hr/> <p style="text-align: center;">END OF BORING AT 36.5 FEET</p>						

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