

# EXPLORATION LOG RSAJ2

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

PROJECT NO.: 20092518V1  
 EXPLORATION DATE: 6/26/2009  
 EQUIPMENT: SDC550-24 SONIC CORE RIG  
 LOGGED BY: SEARS/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
		Fill	Silty sand from road fill and landfill cap.       7-8 feet, black ash						
		SW-SM	Reddish brown (2.5YR 4/4) well graded SAND with silt, trace gravel. 80-90% fine to coarse grained sand, 10-15% silt, trace gravel.  Collect sample RSAJ2-10B, very dense, dry.						
		SW-SM	Reddish brown (2.5YR 4/4) well graded SAND with silt and gravel. 70-80% fine to coarse grained sand, 10-15% subangular gravel, less than 2 inches diameter, volcanic, 10-15% silt. Dry.						

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17.5			Gravelly sand bed. 20-30% subangular to subrounded gravel, less than 3 inches diameter, volcanic.						
20		SW-SM	19.5-21, Weak to moderate cementation, calcite cement. Reddish brown (2.5YR 4/3) well graded SAND with silt. 80-90% fine to medium grained sand, 10-20% silt. Low plasticity, dry.						
22.5			moist						
25									
27.5									
30		SM	Reddish brown (5YR 4/4) silty SAND (Muddy Creek Formation?). 70-90% fine sand, 10-30% silt.						
32.5			Collect samples RSAJ2-33B, RSAJ2009-33B.						

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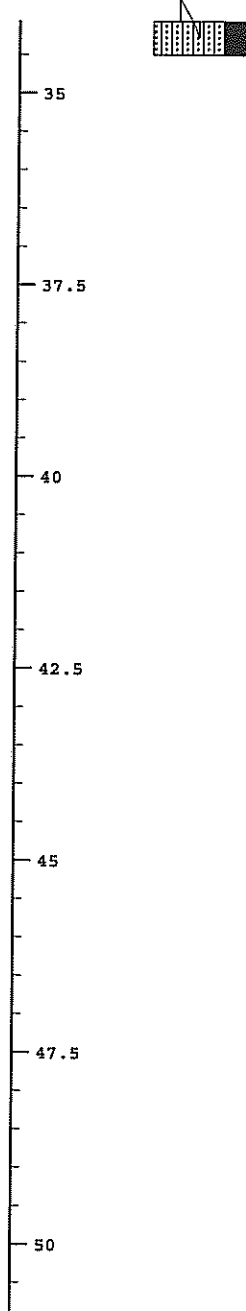
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			<p>END OF BORING AT 34.5 FEET</p>						

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