

EXPLORATION LOG RSAN7-A2

PROJECT: TRONOX PHASE B
EXPLORATION LOCATION: TRONOX AREA 2
EXPLORATION SIZE (dia.): 6" CORE BARREL
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20092518V1
EXPLORATION DATE: 8/25/2009
EQUIPMENT: SDC550-24 SONIC CORE RIG
LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
		SW	SAND, reddish brown (5YR 5/4), 90% sub-angular to sub-rounded, fine to coarse sand, 10% fine to medium volcanic gravel, loose to medium dense, dry, no plasticity, no odor						
		SW	Collect RSAN7-10B, PID readings: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.0 ppmV						
		SW	...caliche present, strong HCl reaction, strong brown (7.5YR 5/6), no plasticity						

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20									
22.5		SW	...coarse sub-angular to sub-rounded gravel, heavily cemented (calcite cement)						
25	29 41 41	SW	Collect RSAN7-25B						
27.5									
30		SW	SAND, dark reddish brown (7.5YR 7/4), 90% fine to coarse sand, 10% fine to coarse gravel, trace caliche nodules, very dense, dry						
32.5									
35		SW	...approximately 1' thick layer of caliche, pink (7.5YR 7/4), very dense						

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		SW	Collect RSAN7-38B, PID readings: 10.6 eV = 0.1 ppmv, 11.7 eV = 0.0 ppmV						
			END OF BORING AT 39.5 FEET						

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