

EXPLORATION LOG RSAL8

PROJECT: TRONOX PHASE B **PROJECT NO.:** 20092518V1
EXPLORATION LOCATION: TRONOX AREA 1 **EXPLORATION DATE:** 7/20/2009
EXPLORATION SIZE (dia.): 3" CORE BARREL **EQUIPMENT:** SDC550-24 SONIC CORE RIG
ELEVATION: EXISTING GROUND SURFACE **LOGGED BY:** SEARS/BRINKERHOFF

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 |
|---------------------|--------------------------|-------|---|----|----|-------------------------|----------------------|---------|----------------------|
| | | Fill | | | | | | | |
| | | SP-SM | Alluvium, yellowish brown (10YR 5/4) poorly graded SAND (90% fine sand 10% coarse sand) with silt, trace gravel, moist, medium dense. Collect sample RSAL8-10B, very dense. PID reading 11.7 eV=0.5 ppmV. 13-14 feet; weak to moderate cementation. | | | | | | |
| | | SM | Reddish brown (5YR 5/3) silty SAND. 75% fs, 10% ms, 15% silt, trace gravel, medium dense, dry. | | | | | | |

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.

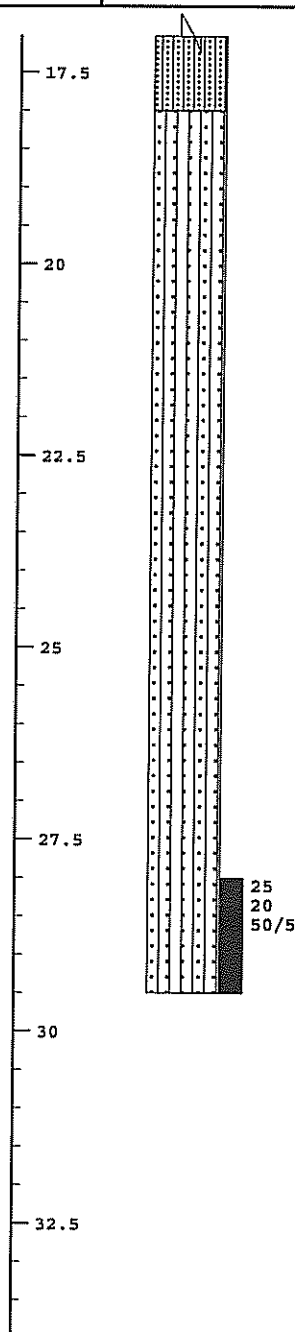
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|  | | | | | | | | | |
| | | SP-SM | Yellowish brown (10YR 5/4) poorly graded SAND with silt. 85% fs, 5% cs, 10% silt, laminated, moist, medium dense. | | | | | | |
| | | | Collect sample RSAL8-28B, very dense. PID reading: 11.7 eV=2.3 ppmV. | | | | | | |
| | | | END OF BORING AT 29.5 FEET | | | | | | |

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