EXPLORATION LOG SA62-A2

PROJECT: TRONOX PHASE B **PROJECT NO.:** 20092518V1

EXPLORATION LOCATION: TRONOX AREA 2 **EXPLORATION DATE:** 8-7-2009

EXPLORATION SIZE (dia.): 3" CORE BARREL **EQUIPMENT:** SDC550-24 SONIC CORE RIG

ELEVATION: EXISTING GROUND SURFACE **LOGGED BY**: THOMPSON/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED: N/A

| FINAL DEPTH TO WATER: | | NOT EN | COUNTERED DATE MEASURED: | N/A | | | | | | |
|--|--------------------------|--------|--|-----|---|-------------------------|----------------------|---------------------------------|----------------------|--|
| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | ld | П | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | Pocket Penetrometer (tsf) | WELL CONSTRUCTION | |
| - 0 | 32 | SW | SAND, brown (5YR 5/3), 90% fine to medium sub-angular to sub-rounded sand, 10% fine to medium angular to sub-rounded gravel, caliche fragments present, loose to medium dense, dry, no plasticity, strong HCl reaction | | | | | | | |
| - - - - 12.5 - - - - - 15 - | 32 50/5 | SW | Collect SA62-10B, PID readings: 10.6 eV = 0.5 ppmV, 11.7 eV = 3.3 ppmV SAND, brown (7.5YR 5/4), 95% fine to coarse sand, 5% fine sub-angular to sub- rounded volcanic gravel, calichified zones, dense, dry, strong HCl reaction | | | | | | | |
| - - - - 17.5 | | SP | SAND, brown (10YR 4/5), 100% very fine to fine sand, very dense, dry, strong HCl reaction SAND, brown (7.5YR 5/4), 95% fine to coarse sand, 5% fine sub-angular to sub- rounded exploration log apply only at the specific exploration location and at the | | | | | | | |

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.

| | | | SA62- | | | | | | | |
|--------------------------------|--|--------------------------------------|---|--|---------------------------|-----------------------|-------------------------|-------------------|---------------------------------|------|
| EXPLORATE ELEVATION INITIAL DE | TRONOX PHASE FION LOCATION: FION SIZE (dia.): N: EXISTING GRO FITH TO WATER: | TRONC 3" CORE DUND S NOT EI | BARREL URFACE NCOUNTERED | PROJECT NO.: 200 EXPLORATION DATE EQUIPMENT: SDC: LOGGED BY: THO DATE MEASURED: DATE MEASURED: | TE: 550- MPS N// | 8-7-2 24 S SON/ | 2009 ONIC (| | ₹IG | |
| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIF | PTION | I | 1 | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | Pocket Penetrometer (tsf) | WELL |
| - | | SP | volcanic gravel, calichifie strong HCl reaction SAND, brown (10YR 4/3) fine sand, dense, dry, no | , 100% very fine to plasticity, minor | | | | | | |

cemented zones, strong HCl reaction 20 SW SAND, brown (7.5YR 5/4), 95% fine to coarse sand, 5% fine sub-angular to sub- rounded volcanic gravel, calichified zones, dense, dry, strong HCI reaction 22.5 SW ...gypsum crystals present, crystals coating gravel and sand in layers SP SAND, brown (10YR 4/3), 100% very fine to 20 23 50/4 SP fine sand, dense, dry, no plasticity, minor cemented zones, strong HCl reaction - 25 Collect SA62-24B, PID readings: 10.6 eV = 2.5 ppmV, 11.7 eV = 4.6 ppmV **END OF BORING AT 25.5 FEET** 27.5 30 32.5 - 35

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Figure No.