

DATA SUMMARY FORM: INORGANIC

Case #: 37771

SDG : MC00H2

Number of Soil Samples : 18

Site :

OLD ATHENS TURNPIKE LEAD SITE

Number of Water Samples : 0

Lab. :

BONNER

| Sample Number : | | MC00H2 | | MC00H3 | | MC00H4 | | MC00H5 | | MC00H6 | |
|---------------------|------|-----------|------|-----------|------|-----------|------|-----------|------|------------|------|
| Sampling Location : | | SS01 | | SS02 | | SS03 | | SS04 | | SS05 | |
| Field QC : | | | | | | | | | | | |
| Matrix : | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units : | | mg/Kg | | mg/Kg | | mg/Kg | | mg/Kg | | mg/Kg | |
| Date Sampled : | | 8/20/2008 | | 8/20/2008 | | 8/20/2008 | | 8/20/2008 | | 8/20/2008 | |
| Time Sampled : | | 11:18 | | 11:22 | | 11:35 | | 11:40 | | 11:31 | |
| %Solids : | | 49.4 | | 40.9 | | 79.8 | | 74.4 | | 77.1 | |
| Dilution Factor : | | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0/2.0/10 | |
| ANALYTE | CRQL | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| ALUMINUM | 20 | 4380 | | 2190 | | 5370 | | 6070 | | 7530 | |
| ANTIMONY | 6 | 3.5 | J | | UL | | UL | | UL | 18.5 | K |
| ARSENIC | 1 | 1.7 | J | 1.7 | J | 6.3 | K | 7.2 | K | 22.3 | K |
| BARIUM | 20 | 118 | | 101 | | 91.9 | | 123 | | 139 | |
| BERYLLIUM | 0.5 | 0.46 | J | 0.16 | B | 0.39 | J | 0.61 | J | 0.76 | |
| CADMIUM | 0.5 | 1.9 | J | 0.80 | J | 0.32 | J | 0.54 | J | 2.3 | J |
| CALCIUM | 500 | 90900 | | 19100 | | 3250 | | 2100 | | 7070 | |
| CHROMIUM | 1 | 14.2 | J | 5.5 | J | 10.2 | J | 12.4 | J | 19.0 | J |
| COBALT | 5 | 7.0 | J | 1.6 | J | 4.6 | J | 10.3 | | 17.1 | |
| COPPER | 2.5 | 100 | | 26.3 | | 23.3 | | 49.9 | | 778 | |
| IRON | 10 | 13800 | J | 5150 | J | 13600 | J | 23800 | J | 72600 + | J |
| *LEAD | 1 | 1370 | | 57.5 | | 90.6 | | 220 | | 16700 + | |
| MAGNESIUM | 500 | 22800 | | 1040 | J | 603 | J | 461 | J | 2350 | |
| MANGANESE | 1.5 | 601 | | 489 | | 450 | | 857 | | 1110 | |
| MERCURY | 0.1 | | | 0.13 | B | 0.094 | B | 0.14 | | 0.24 | |
| NICKEL | 4 | 14.2 | J | 3.3 | J | 4.1 | J | 10.7 | J | 29.9 | J |
| POTASSIUM | 500 | 1030 | J | 696 | J | 873 | J | 639 | J | 944 + | J |
| SELENIUM | 3.5 | | | | | | | | | | |
| SILVER | 1 | 0.30 | J | | | 0.16 | J | 0.23 | J | 0.53 | J |
| SODIUM | 500 | 185 | B | 153 | B | 64.8 | B | 89.7 | B | 99.1 | B |
| THALLIUM | 2.5 | | | | | | | | | 2.1 | J |
| VANADIUM | 5 | 11.0 | J | 5.6 | J | 14.7 | J | 16.3 | J | 26.3 | J |
| ZINC | 6 | 635 | | 156 | | 98.4 | | 103 | | 529 | |

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL * Dilution Factor) / (%Solids/ 100)

Revised 09/99

"+" = Results are reported from diluted analyses.

DATA SUMMARY FORM: INORGANIC

Case #: 37771

SDG : MC00H2

Site :

OLD ATHENS TURNPIKE LEAD SITE

Lab. :

BONNER

| Sample Number : | MC00H7 | MC00H8 | MC00H9 | MC00J0 | MC00J1 | | | | | | |
|---------------------|-----------|----------------|-----------|-----------|-----------|--------|------|--------|------|---------|------|
| Sampling Location : | SS06 | SS07 | SS08 | SS09 | SS10 | | | | | | |
| Field QC : | | Dup. of MC00J8 | | | | | | | | | |
| Matrix : | Soil | Soil | Soil | Soil | Soil | | | | | | |
| Units : | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | | | | | | |
| Date Sampled : | 8/20/2008 | 8/20/2008 | 8/20/2008 | 8/20/2008 | 8/20/2008 | | | | | | |
| Time Sampled : | 11:27 | 11:45 | 11:53 | 11:57 | 12:05 | | | | | | |
| %Solids : | 40.2 | 62.1 | 93.0 | 72.4 | 67.9 | | | | | | |
| Dilution Factor : | 1.0 | 1.0 | 1.0/6.0 | 1.0 | 1.0/6.0 | | | | | | |
| ANALYTE | CRQL | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| ALUMINUM | 20 | 3080 | | 6180 | | 7170 | | 6130 | | 4570 | |
| ANTIMONY | 6 | 11.5 | J | 2.7 | J | 19.0 | K | | UL | 38.2 | K |
| ARSENIC | 1 | 2.9 | K | 6.7 | K | 11.5 | K | 9.6 | K | 12.0 | K |
| BARIUM | 20 | 151 | | 161 | | 147 | | 170 | | 140 | |
| BERYLLIUM | 0.5 | 0.37 | J | 0.56 | J | 0.71 | | 0.52 | J | 0.40 | J |
| CADMIUM | 0.5 | 2.4 | J | 2.5 | J | 1.2 | J | 1.2 | J | 2.3 | J |
| CALCIUM | 500 | 34500 | | 7120 | | 4630 | | 5320 | | 11200 | |
| CHROMIUM | 1 | 7.4 | J | 11.3 | J | 20.8 | J | 13.4 | J | 15.8 | J |
| COBALT | 5 | 3.7 | J | 9.7 | | 15.1 | | 15.0 | | 11.9 | |
| COPPER | 2.5 | 92.9 | | 65.3 | | 62.2 | | 58.9 | | 150 | |
| IRON | 10 | 8600 | J | 21400 | J | 31300 | J | 30900 | J | 47200 | J |
| *LEAD | 1 | 1870 | | 2200 | | 9470 + | | 449 | | 15600 + | |
| MAGNESIUM | 500 | 3710 | | 896 | | 3600 | | 788 | | 1060 | |
| MANGANESE | 1.5 | 442 | | 813 | | 939 | | 1230 | | 1110 | |
| MERCURY | 0.1 | 0.15 | B | 0.20 | | 0.36 | | 0.14 | | 0.24 | |
| NICKEL | 4 | 12.4 | J | 13.4 | J | 21.5 | J | 23.3 | J | 27.2 | J |
| POTASSIUM | 500 | 671 | J | 965 | J | 808 + | J | 868 | J | 841 + | J |
| SELENIUM | 3.5 | | | | | | | | | | |
| SILVER | 1 | 0.18 | J | 0.27 | J | 0.84 | J | 0.49 | J | 0.83 | J |
| SODIUM | 500 | 216 | B | 128 | B | 89.6 | B | 175 | B | 76.4 | B |
| THALLIUM | 2.5 | | | | | 1.2 | J | | | 2.8 | J |
| VANADIUM | 5 | 7.2 | J | 16.3 | J | 15.9 | J | 16.2 | J | 14.5 | J |
| ZINC | 6 | 857 | | 993 | | 192 | | 2010 | | 326 | |

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DATA SUMMARY FORM: INORGANIC

Case #: 37771

SDG : MC00H2

Site :

OLD ATHENS TURNPIKE LEAD SITE

Lab. :

BONNER

| Sample Number : | MC00J2 | MC00J3 | MC00J4 | MC00J5 | MC00J6 | | | | | | |
|---------------------|-----------|-----------|-----------|----------------|-----------|----------|------|---------|------|--------|------|
| Sampling Location : | SS11 | SS12 | SS13 | SS14A | SS14B | | | | | | |
| Field QC : | | | | Dup. of MC00J9 | | | | | | | |
| Matrix : | Soil | Soil | Soil | Soil | Soil | | | | | | |
| Units : | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | | | | | | |
| Date Sampled : | 8/20/2008 | 8/20/2008 | 8/20/2008 | 8/20/2008 | 8/20/2008 | | | | | | |
| Time Sampled : | 12:08 | 12:15 | 12:20 | 12:30 | 12:40 | | | | | | |
| %Solids : | 84.7 | 83.1 | 76.5 | 88.6 | 93.3 | | | | | | |
| Dilution Factor : | 1.0 | 1.0 | 1.0/50 | 1.0/20 | 1.0 | | | | | | |
| ANALYTE | CRQL | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| ALUMINUM | 20 | 6830 | | 6100 | | 1980 | | 3710 | | 4160 | |
| ANTIMONY | 6 | | UL | 1.3 | J | 5290 + | K | 74.0 | K | | UL |
| ARSENIC | 1 | 7.1 | K | 6.4 | K | 164 | K | 12.3 | K | 4.3 | K |
| BARIUM | 20 | 125 | | 155 | | 195 | | 76.0 | | 32.2 | |
| BERYLLIUM | 0.5 | 0.58 | J | 0.54 | J | 0.22 | J | 0.30 | J | 0.31 | J |
| CADMIUM | 0.5 | 0.58 | J | 1.1 | J | 1.5 | J | 0.29 | J | | UL |
| CALCIUM | 500 | 3580 | | 5840 | | 8460 | | 497 | J | 114 | J |
| CHROMIUM | 1 | 13.0 | J | 11.6 | J | 12.6 | J | 11.8 | J | 9.2 | J |
| COBALT | 5 | 10.8 | | 12.2 | | 6.2 | J | 3.7 | J | 6.4 | |
| COPPER | 2.5 | 35.9 | | 43.8 | | 193 | | 39.7 | | 9.1 | |
| IRON | 10 | 17800 | J | 22900 | J | 20400 | J | 17000 | J | 14400 | J |
| *LEAD | 1 | 1180 | | 1530 | | 131000 + | | 20900 + | | 1100 | |
| MAGNESIUM | 500 | 1700 | | 1350 | | 1290 | | 254 | J | 203 | J |
| MANGANESE | 1.5 | 685 | | 1100 | | 1400 | | 278 | | 415 | |
| MERCURY | 0.1 | 0.12 | | 0.14 | | 0.27 | | 0.13 | | 0.073 | B |
| NICKEL | 4 | 14.9 | J | 21.3 | J | 16.1 | J | 5.8 | J | 3.6 | J |
| POTASSIUM | 500 | 850 | J | 767 | J | 569 + | J | 413 | J | 392 | J |
| SELENIUM | 3.5 | | | | | | | | | | |
| SILVER | 1 | 0.23 | J | 0.33 | J | 10.2 | | 0.81 | J | 0.080 | J |
| SODIUM | 500 | 111 | B | 105 | B | 75.0 | B | 58.5 | B | 63.6 | B |
| THALLIUM | 2.5 | | | | | 11.2 | | 1.9 | J | | |
| VANADIUM | 5 | 15.0 | J | 14.9 | J | 7.1 | J | 14.2 | J | 12.5 | J |
| ZINC | 6 | 212 | | 762 | | 210 | | 59.1 | | 19.2 | |

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Case #: 37771

SDG : MC00H2

Site :

OLD ATHENS TURNPIKE LEAD SITE

Lab. :

BONNER

| Sample Number : | | MC00J7 | MC00J8 | MC00J9 | | | | | |
|---------------------|------|-----------|----------------|----------------|------|---------|------|--------|------|
| Sampling Location : | | SS15 | SS21 | SS22 | | | | | |
| Field QC : | | | Dup. of MC00H8 | Dup. of MC00J5 | | | | | |
| Matrix : | | Soil | Soil | Soil | | | | | |
| Units : | | mg/Kg | mg/Kg | mg/Kg | | | | | |
| Date Sampled : | | 8/20/2008 | 8/20/2008 | 8/20/2008 | | | | | |
| Time Sampled : | | 12:45 | 11:50 | 12:35 | | | | | |
| %Solids : | | 68.7 | 66.3 | 89.0 | | | | | |
| Dilution Factor : | | 1.0 | 1.0 | 1.0/25 | | | | | |
| ANALYTE | CRQL | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| ALUMINUM | 20 | 5820 | | 5580 | | 2950 | | | |
| ANTIMONY | 6 | 3.1 | J | 2.2 | J | 6530 + | K | | |
| ARSENIC | 1 | 6.4 | K | 5.5 | K | 163 | K | | |
| BARIUM | 20 | 151 | | 141 | | 71.4 | | | |
| BERYLLIUM | 0.5 | 0.48 | J | 0.50 | J | 0.26 | J | | |
| CADMIUM | 0.5 | 2.2 | J | 2.1 | J | 0.17 | J | | |
| CALCIUM | 500 | 10200 | | 6970 | | 408 | J | | |
| CHROMIUM | 1 | 13.9 | J | 11.4 | J | 10.4 | J | | |
| COBALT | 5 | 7.8 | | 10.2 | | 3.2 | J | | |
| COPPER | 2.5 | 55.6 | | 56.2 | | 62.2 | | | |
| IRON | 10 | 21000 | J | 18300 | J | 14000 | J | | |
| *LEAD | 1 | 2730 | | 1770 | | 51700 + | | | |
| MAGNESIUM | 500 | 1760 | | 793 | | 202 | J | | |
| MANGANESE | 1.5 | 955 | | 757 | | 310 | | | |
| MERCURY | 0.1 | 0.20 | | 0.14 | B | 0.11 | B | | |
| NICKEL | 4 | 14.9 | J | 12.3 | J | 7.7 | J | | |
| POTASSIUM | 500 | 915 | J | 978 | J | 346 | J | | |
| SELENIUM | 3.5 | | | | | | | | |
| SILVER | 1 | 0.22 | J | 0.24 | J | 6.2 | | | |
| SODIUM | 500 | 108 | B | 119 | B | 64.4 | B | | |
| THALLIUM | 2.5 | | | | | 3.6 | | | |
| VANADIUM | 5 | 14.9 | J | 15.2 | J | 10.6 | J | | |
| ZINC | 6 | 301 | | 902 | | 43.1 | | | |

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