Powertech (USA) Inc.

| Dewey-Burdock Surface Water Sampling Location | | Sub02 | | | | Summary Statistics for Sub02 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | | Triangle Mine Pit | | | | | | | | | |
| Date and Time Collected | | 9/27/2007 6:45:00 PM | 11/12/2007 12:50:00 PM | 2/10/2008 5:00:00 PM | 6/18/2008 1:05:00 PM | | | | | | |
| Lab ID | | R07090389 -002 | R07110147 -001 | R08020083 -003 | R08060347 -002 | | | | | | |
| Analyte | Units | Result | Result | Result | Result | n | n (non-detect) | Minimum | Maximum | Mean* | StDev* |
| **Field Parameters** | | | | | | | | | | | |
| Field Conductivity | umhos/cm | 2171 | 3743 | 3523 | 3676 | 4 | 0 | 2171 | 3743 | 3278.25 | 743.88681 |
| Field Dissolved Oxygen | mg/L | 7.1 | 8.82 | 11.15 | 10.03 | 4 | 0 | 7.1 | 11.15 | 9.275 | 1.7342914 |
| Field pH | s.u. | 8.04 | 7.83 | 5.55 | 7.95 | 4 | 0 | 5.55 | 8.04 | 7.3425 | 1.1980922 |
| Field Temperature | Deg C | 17.94 | 8.35 | 1.05 | 19.56 | 4 | 0 | 1.05 | 19.56 | 11.725 | 8.6671737 |
| Field Turbidity | NTUs | 2.1 | 1.2 | 1.4 | 0.5 | 4 | 0 | 0.5 | 2.1 | 1.3 | 0.6582806 |
| **Microbiological** | | | | | | | | | | | |
| Bacteria, Fecal Coliform | CFU/100ml | 2 d | <2 | <2 | <2 | 4 | 3 | <2 | 2 | 1.25 | 0.5 |
| **Physical Properties** | | | | | | | | | | | |
| Conductivity @ 25 C | umhos/cm | 3700 | 3340 | 3800 | 3540 | 4 | 0 | 3340 | 3800 | 3595 | 200.91458 |
| pH, Laboratory | s.u. | 7.99 | 7.78 | 7.81 | 8.08 | 4 | 0 | 7.78 | 8.08 | 7.915 | 0.1438749 |
| Sodium Adsorption Ratio (SAR) | unitless | NM | 1.6 | 1.6 | 1.5 | 3 | 0 | 1.5 | 1.6 | 1.56667 | 0.057735 |
| Solids, Suspended Sediment SSC @ 105 C | mg/L | <5 | <5 | <5 | <5 | 4 | 4 | <5 | <5 | <5 | <5 |
| Solids, Total Dissolved TDS @ 180 C | mg/L | 3900 | 3900 | 2900 | 3800 | 4 | 0 | 2900 | 3900 | 3625 | 485.62674 |
| Solids, Total Suspended TSS @ 105 C | mg/L | <5 | <5 | 10 | 7 | 4 | 2 | <5 | 10 | 5.5 | 3.6742346 |
| **Major Ions** | | | | | | | | | | | |
| Alkalinity, Total as CaCO3 | mg/L | 92 | 102 | 90 | 96 | 4 | 0 | 90 | 102 | 95 | 5.2915026 |
| Bicarbonate as HCO3 | mg/L | 112 | 124 | 110 | 117 | 4 | 0 | 110 | 124 | 115.75 | 6.2383224 |
| Calcium, Dissolved | mg/L | 622 | 561 d | 538 d | 609 | 4 | 0 | 538 | 622 | 582.5 | 39.602188 |
| Carbonate as CO3 | mg/L | <5 | <5 | <5 | <5 | 4 | 4 | <5 | <5 | <5 | <5 |
| Chloride | mg/L | 23 | 22 | 24 | 19 | 4 | 0 | 19 | 24 | 22 | 2.1602469 |
| Fluoride | mg/L | 0.4 | 0.5 | 0.5 | 0.9 | 4 | 0 | 0.4 | 0.9 | 0.575 | 0.2217356 |
| Magnesium, Dissolved | mg/L | 212 | 180 | 198 | 204 | 4 | 0 | 180 | 212 | 198.5 | 13.601471 |
| Nitrogen, Ammonia as N | mg/L | NM | <0.1 | <0.1 | <0.1 | 3 | 3 | <0.1 | <0.1 | <0.1 | <0.1 |
| Nitrogen, Nitrate as N | mg/L | <0.1 | 0.1 | 0.2 | <0.1 | 4 | 2 | <0.1 | 0.2 | 0.1 | 0.0707107 |
| Potassium, Dissolved | mg/L | 21 | 21 | 23 | 20 | 4 | 0 | 20 | 23 | 21.25 | 1.2583057 |
| Silica | mg/L | 2 | 2.4 | 2.8 | <0.5 | 4 | 1 | <0.5 | 2.8 | 1.8625 | 1.1235175 |
| Sodium, Dissolved | mg/L | 163 | 165 d | 169 d | 172 d | 4 | 0 | 163 | 172 | 167.25 | 4.0311289 |
| Sulfate, Total | mg/L | 2840 d | 2390 d | 2500 d | 2310 d | 4 | 0 | 2310 | 2840 | 2510 | 233.38095 |
| **Metals, Dissolved** | | | | | | | | | | | |
| Aluminum, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Arsenic, Dissolved | mg/L | 0.001 | <0.001 | 0.001 | <0.001 | 4 | 2 | <0.001 | 0.001 | 0.00075 | 0.0002887 |
| Barium, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Boron, Dissolved | mg/L | 0.4 | 0.5 | 0.5 | 0.5 | 4 | 0 | 0.4 | 0.5 | 0.475 | 0.05 |
| Cadmium, Dissolved | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Chromium, Dissolved | mg/L | <0.01 | <0.01 | <0.05 | <0.01 | 4 | 4 | <0.01 | <0.05 | <0.05 | <0.05 |
| Copper, Dissolved | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 4 | 4 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron, Dissolved | mg/L | <0.03 | 0.08 | 0.07 | 0.05 | 4 | 1 | <0.03 | 0.08 | 0.05375 | 0.0286865 |
| Lead, Dissolved | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese, Dissolved | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 4 | 4 | <0.01 | <0.01 | <0.01 | <0.01 |
| Mercury, Dissolved | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Molybdenum, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Nickel, Dissolved | mg/L | <0.01 | <0.01 | <0.05 | <0.01 | 4 | 4 | <0.01 | <0.05 | <0.05 | <0.05 |
| Selenium, Dissolved | mg/L | 0.006 | 0.002 | 0.002 | <0.005 | 4 | 1 | <0.005 | 0.006 | 0.00313 | 0.0019311 |
| Silver, Dissolved | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Thorium 232, Dissolved | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Uranium, Dissolved | mg/L | 0.164 | 0.171 | 0.177 | 0.175 | 4 | 0 | 0.164 | 0.177 | 0.17175 | 0.0057373 |
| Vanadium, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Zinc, Dissolved | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 4 | 4 | <0.01 | <0.01 | <0.01 | <0.01 |
| **Metals, Dissolved, Speciated** | | | | | | | | | | | |
| Selenium-IV, Dissolved | mg/L | NM | <0.001 | <0.001 | <0.001 | 3 | 3 | <0.001 | <0.001 | <0.001 | <0.001 |
| Selenium-VI, Dissolved | mg/L | NM | 0.002 | <0.001 | 0.002 | 3 | 1 | <0.001 | 0.002 | 0.0015 | 0.000866 |
| **Metals, Suspended** | | | | | | | | | | | |
| Thorium 232, Suspended | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Uranium, Suspended | mg/L | <0.0003 | <0.0003 | <0.0003 | <0.0003 | 4 | 4 | <0.0003 | <0.0003 | <0.0003 | <0.0003 |
| **Metals, Total** | | | | | | | | | | | |
| Aluminum, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Arsenic, Total | mg/L | <0.001 | <0.001 | <0.001 | 0.002 | 4 | 3 | <0.001 | 0.002 | 0.00088 | 0.00075 |
| Barium, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Boron, Total | mg/L | 0.5 | 0.4 | 0.5 | 0.5 | 4 | 0 | 0.4 | 0.5 | 0.475 | 0.05 |
| Cadmium, Total | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Calcium, Total | mg/L | NM | NM | 579 d | 602 | 2 | 0 | 579 | 602 | 590.5 | 16.263456 |
| Chromium, Hexavalent | mg/L | <0.05 | <0.005 | <0.005 | 0.005 | 4 | 3 | <0.005 | 0.005 | 0.00875 | 0.0108972 |
| Chromium, Total | mg/L | <0.05 | <0.05 | <0.05 | <0.05 | 4 | 4 | <0.05 | <0.05 | <0.05 | <0.05 |
| Chromium, Trivalent | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 4 | 4 | <0.01 | <0.01 | <0.01 | <0.01 |
| Copper, Total | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 4 | 4 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron, Total | mg/L | 0.14 | 0.23 | 0.22 | 0.18 | 4 | 0 | 0.14 | 0.23 | 0.1925 | 0.0411299 |
| Lead, Total | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnesium, Total | mg/L | NM | NM | 201 | 204 | 2 | 0 | 201 | 204 | 202.5 | 2.1213203 |
| Manganese, Total | mg/L | 0.02 | 0.02 | 0.04 | <0.01 | 4 | 1 | <0.01 | 0.04 | 0.02125 | 0.0143614 |
| Mercury, Total | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Molybdenum, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Nickel, Total | mg/L | <0.05 | <0.05 | <0.05 | <0.05 | 4 | 4 | <0.05 | <0.05 | <0.05 | <0.05 |
| Potassium, Total | mg/L | NM | NM | 23.6 | 21.1 | 2 | 0 | 21.1 | 23.6 | 22.35 | 1.767767 |
| Selenium, Total | mg/L | 0.001 | 0.002 | 0.002 | 0.003 | 4 | 0 | 0.001 | 0.003 | 0.002 | 0.0008165 |
| Silica, Total | mg/L | NM | NM | 2.9 | <0.5 | 2 | 1 | <0.5 | 2.9 | 1.575 | 1.873833 |
| Silver, Total | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Sodium, Total | mg/L | NM | NM | 175 | 180 d | 2 | 0 | 175 | 180 | 177.5 | 3.5355339 |
| Thorium 232, Total | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |

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| Dewey-Burdock Surface Water Sampling Location | | Sub02 | | | | Summary Statistics for Sub02 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | | Triangle Mine Pit | | | | | | | | | |
| Date and Time Collected | | 9/27/2007 6:45:00 PM | 11/12/2007 12:50:00 PM | 2/10/2008 5:00:00 PM | 6/18/2008 1:05:00 PM | | | | | | |
| Lab ID | | R07090389 -002 | R07110147 -001 | R08020083 -003 | R08060347 -002 | | | | | | |
| Analyte | Units | Result | Result | Result | Result | n | n (non-detect) | Minimum | Maximum | Mean* | StDev* |
| Uranium, Total | mg/L | 0.168 | 0.162 | 0.168 d | 0.19 | 4 | 0 | 0.162 | 0.19 | 0.172 | 0.0123288 |
| Vanadium, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Zinc, Total | mg/L | <0.01 | <0.01 | <0.02 | <0.01 | 4 | 4 | <0.01 | <0.02 | <0.02 | <0.02 |
| Metals, Total, Speciated | | | | | | | | | | | |
| Selenium-IV, Total | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Selenium-VI, Total | mg/L | 0.001 | 0.002 | 0.002 | 0.003 | 4 | 0 | 0.001 | 0.003 | 0.002 | 0.0008165 |
| Radionuclides, Dissolved | | | | | | | | | | | |
| Lead 210, Dissolved | pCi/L | <1 | <1 | NM | -1 j | 3 | 2 | <1 | 0 | 0 | 0.8660254 |
| Polonium 210, Dissolved | pCi/L | <1 | 1.8 | NM | 0 j | 3 | 1 | <1 | 1.8 | 0.76667 | 0.9291573 |
| Radium 226, Dissolved | pCi/L | 0.6 | 0.6 | 0.4 | 0.7 | 4 | 0 | 0.4 | 0.7 | 0.575 | 0.1258306 |
| Thorium 230, Dissolved | pCi/L | <0.2 | <0.2 | 0.4 | 0.1 j | 4 | 2 | <0.2 | 0.4 | 0.175 | 0.15 |
| Radionuclides, Suspended | | | | | | | | | | | |
| Lead 210, Suspended | pCi/L | <1 | <1 | NM | 1.5 j | 3 | 2 | <1 | 1.5 | 0.83333 | 0.5773503 |
| Polonium 210, Suspended | pCi/L | <1 | <1 | NM | 0.3 j | 3 | 2 | <1 | 0.3 | 0.43333 | 0.1154701 |
| Radium 226, Suspended | pCi/L | <0.2 | <0.2 | <0.2 | -0.4 j | 4 | 3 | <0.2 | -0.4 | -0.025 | 0.25 |
| Thorium 230, Suspended | pCi/L | <0.2 | 0.7 | 0.4 | 0.1 j | 4 | 1 | <0.2 | 0.7 | 0.325 | 0.2872281 |
| Radionuclides, Total | | | | | | | | | | | |
| Gross Alpha, Total | pCi/L | 82.8 | 132 | 131 | 199 | 4 | 0 | 82.8 | 199 | 136.2 | 47.749625 |
| Gross Beta, Total | pCi/L | 55.9 | 83.3 | 81.5 | 80.1 | 4 | 0 | 55.9 | 83.3 | 75.2 | 12.933162 |
| Gross Gamma, Total | pCi/L | <20 | 1060 | <20 | 0 j | 4 | 2 | <20 | 1060 | 270 | 526.68776 |
| Lead 210, Total | pCi/L | NM | <1 | NM | 0.5 j | 2 | 1 | <1 | 0.5 | 0.5 | 0 |
| Polonium 210, Total | pCi/L | NM | 1.5 | NM | 0.3 j | 2 | 0 | 0.3 | 1.5 | 0.9 | 0.8485281 |
| Radium 226, Total | pCi/L | NM | 0.6 | 0.6 | 0.2 j | 3 | 0 | 0.2 | 0.6 | 0.46667 | 0.2309401 |
| Thorium 230, Total | pCi/L | NM | <0.2 | 0.5 | 0.2 j | 3 | 1 | <0.2 | 0.5 | 0.26667 | 0.2081666 |
| Data Quality Parameters | | | | | | | | | | | |
| A/C Balance (± 5) | % | -4.01 | -1.86 | -3.33 | 4.36 | 4 | 0 | -4.01 | 4.36 | -1.21 | 3.8202007 |
| Anions | meq/l | 61.6 | 52.4 | 54.6 | 50.6 | 4 | 0 | 50.6 | 61.6 | 54.8 | 4.8194052 |
| Cations | meq/l | 56.8 | 50.5 | 51.1 | 55.2 | 4 | 0 | 50.5 | 56.8 | 53.4 | 3.082207 |
| Solids, Total Dissolved Calculated | mg/L | 3950 | 3400 | 3510 | 3390 | 4 | 0 | 3390 | 3950 | 3562.5 | 263.99179 |
| TDS Balance (0.80 - 1.20) | dec. % | 0.99 | 1.15 | 0.83 | 1.12 | 4 | 0 | 0.83 | 1.15 | 1.0225 | 0.1459166 |

Sampling Interval: Quarterly

Missing Samples and Reasons: None

* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.

NM - not measured in field/not requested for analysis from lab

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| Dewey-Burdock Surface Water Sampling Location | | Sub06 | | | | Summary Statistics for Sub06 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | | Darrow Mine Pit Northwest | | | | | | | | | |
| Date and Time Collected | | 9/27/2007 6:10:00 PM | 11/27/2007 9:36:00 AM | 2/10/2008 4:10:00 PM | 6/23/2008 1:45:00 PM | | | | | | |
| Lab ID | | R07090389 -003 | R07110302 -002 | R08020083 -002 | R08060403 -003 | | | | | | |
| Analyte | Units | Result | Result | Result | Result | n | n (non-detect) | Minimum | Maximum | Mean* | StDev* |
| **Field Parameters** | | | | | | | | | | | |
| Field Conductivity | umhos/cm | 4125 | 6255 | 7140 | 4126 | 4 | 0 | 4125 | 7140 | 5411.5 | 1528.2667 |
| Field Dissolved Oxygen | mg/L | 6.96 | 13.32 | 13.41 | 9.56 | 4 | 0 | 6.96 | 13.41 | 10.813 | 3.132894 |
| Field pH | s.u. | 3.21 | 2.82 | 4.42 | 3.49 | 4 | 0 | 2.82 | 4.42 | 3.485 | 0.6811999 |
| Field Temperature | Deg C | 16.2 | 2.84 | 0.03 | 25.12 | 4 | 0 | 0.03 | 25.12 | 11.048 | 11.737857 |
| Field Turbidity | NTUs | NM | 0.2 | 22 | 10.3 | 3 | 0 | 0.2 | 22 | 10.833 | 10.909782 |
| **Microbiological** | | | | | | | | | | | |
| Bacteria, Fecal Coliform | CFU/100ml | <2 | <2 | <2 | <2 | 4 | 4 | <2 | <2 | <2 | <2 |
| **Physical Properties** | | | | | | | | | | | |
| Conductivity @ 25 C | umhos/cm | 6210 | 6390 | 7640 | 4110 | 4 | 0 | 4110 | 7640 | 6087.5 | 1463.7025 |
| pH, Laboratory | s.u. | 3.22 | 3.2 | 3.19 | 3.52 | 4 | 0 | 3.19 | 3.52 | 3.2825 | 0.1588238 |
| Sodium Adsorption Ratio (SAR) | unitless | NM | 0.59 | 0.7 | 0.44 | 3 | 0 | 0.44 | 0.7 | 0.5767 | 0.1305118 |
| Solids, Suspended Sediment SSC @ 105 C | mg/L | 10 | <5 | 14 | 8 | 4 | 1 | <5 | 14 | 8.625 | 4.7849591 |
| Solids, Total Dissolved TDS @ 180 C | mg/L | 8100 | 8600 | 6800 | 4500 | 4 | 0 | 4500 | 8600 | 7000 | 1831.2109 |
| Solids, Total Suspended TSS @ 105 C | mg/L | 5 | 5 | 10 | 14 | 4 | 0 | 5 | 14 | 8.5 | 4.3588989 |
| **Major Ions** | | | | | | | | | | | |
| Alkalinity, Total as CaCO3 | mg/L | 82 | <5 | <5 | <5 | 4 | 3 | <5 | 82 | 22.375 | 39.75 |
| Bicarbonate as HCO3 | mg/L | 100 | <5 | <5 | <5 | 4 | 3 | <5 | 100 | 26.875 | 48.75 |
| Calcium, Dissolved | mg/L | 512 | 471 d | 534 d | 328 | 4 | 0 | 328 | 534 | 461.25 | 92.590046 |
| Carbonate as CO3 | mg/L | <5 | <5 | <5 | <5 | 4 | 4 | <5 | <5 | <5 | <5 |
| Chloride | mg/L | 10 | 7 | 10 | 5 | 4 | 0 | 5 | 10 | 8 | 2.4494897 |
| Fluoride | mg/L | 3.7 | 5.5 | 7.4 | 3.9 | 4 | 0 | 3.7 | 7.4 | 5.125 | 1.7173138 |
| Magnesium, Dissolved | mg/L | 771 | 707 | 878 | 436 | 4 | 0 | 436 | 878 | 698 | 188.37374 |
| Nitrogen, Ammonia as N | mg/L | NM | 3.4 d | 4.5 d | 2 | 3 | 0 | 2 | 4.5 | 3.3 | 1.2529964 |
| Nitrogen, Nitrate as N | mg/L | 0.4 | 0.4 | 0.4 | 0.6 | 4 | 0 | 0.4 | 0.6 | 0.45 | 0.1 |
| Potassium, Dissolved | mg/L | 27 | 29 | 35 | 17 | 4 | 0 | 17 | 35 | 27 | 7.4833148 |
| Silica | mg/L | 30 | 34.1 | 37.2 | 10.2 | 4 | 0 | 10.2 | 37.2 | 27.875 | 12.146707 |
| Sodium, Dissolved | mg/L | 88 | 86.1 d | 113 d | 52 d | 4 | 0 | 52 | 113 | 84.775 | 25.053326 |
| Sulfate, Total | mg/L | 5030 d | 5700 d | 7330 d | 3180 d | 4 | 0 | 3180 | 7330 | 5310 | 1717.3429 |
| **Metals, Dissolved** | | | | | | | | | | | |
| Aluminum, Dissolved | mg/L | 134 | 131 | 162 | 64.4 | 4 | 0 | 64.4 | 162 | 122.85 | 41.391907 |
| Arsenic, Dissolved | mg/L | 0.003 | 0.004 | 0.004 | 0.002 | 4 | 0 | 0.002 | 0.004 | 0.0033 | 0.0009574 |
| Barium, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Boron, Dissolved | mg/L | 0.6 | <0.1 | <0.1 | 0.2 | 4 | 2 | <0.1 | 0.6 | 0.225 | 0.2598076 |
| Cadmium, Dissolved | mg/L | 0.026 | 0.026 | 0.036 | 0.015 | 4 | 0 | 0.015 | 0.036 | 0.0258 | 0.0085781 |
| Chromium, Dissolved | mg/L | <0.01 | <0.01 | <0.05 | 0.01 | 4 | 3 | <0.01 | 0.01 | 0.0113 | 0.0094648 |
| Copper, Dissolved | mg/L | 0.11 | 0.1 | 0.13 | 0.07 | 4 | 0 | 0.07 | 0.13 | 0.1025 | 0.025 |
| Iron, Dissolved | mg/L | 4.28 | 5.74 | 7.35 | 1.88 | 4 | 0 | 1.88 | 7.35 | 4.8125 | 2.3225184 |
| Lead, Dissolved | mg/L | 0.001 | 0.001 | 0.001 | <0.001 | 4 | 1 | <0.001 | 0.001 | 0.0009 | 0.00025 |
| Manganese, Dissolved | mg/L | 223 | 249 | 299 | 133 | 4 | 0 | 133 | 299 | 226 | 69.560525 |
| Mercury, Dissolved | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Molybdenum, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Nickel, Dissolved | mg/L | 5.07 | 5.58 | 6.45 | 3.01 | 4 | 0 | 3.01 | 6.45 | 5.0275 | 1.4606933 |
| Selenium, Dissolved | mg/L | 0.035 | 0.014 | 0.017 | 0.009 | 4 | 0 | 0.009 | 0.035 | 0.0188 | 0.0113248 |
| Silver, Dissolved | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Thorium 232, Dissolved | mg/L | 0.011 | 0.01 | 0.013 | <0.005 | 4 | 1 | <0.005 | 0.013 | 0.0091 | 0.0045894 |
| Uranium, Dissolved | mg/L | 5.29 | 5.84 | 7.84 | 3.22 | 4 | 0 | 3.22 | 7.84 | 5.5475 | 1.8995328 |
| Vanadium, Dissolved | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Zinc, Dissolved | mg/L | 4.31 | 4.45 | 6.58 | 2.99 | 4 | 0 | 2.99 | 6.58 | 4.5825 | 1.4852469 |
| **Metals, Dissolved, Speciated** | | | | | | | | | | | |
| Selenium-IV, Dissolved | mg/L | NM | <0.001 | <0.001 | <0.001 | 3 | 3 | <0.001 | <0.001 | <0.001 | <0.001 |
| Selenium-VI, Dissolved | mg/L | NM | 0.014 | 0.002 | 0.009 | 3 | 0 | 0.002 | 0.014 | 0.0083 | 0.0060277 |
| **Metals, Suspended** | | | | | | | | | | | |
| Thorium 232, Suspended | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Uranium, Suspended | mg/L | 0.0013 | 0.0013 | 0.0019 | 0.0015 | 4 | 0 | 0.0013 | 0.0019 | 0.0015 | 0.0002828 |
| **Metals, Total** | | | | | | | | | | | |
| Aluminum, Total | mg/L | 160 | <0.1 | 166 | 62.8 | 4 | 1 | <0.1 | 166 | 97.213 | 80.20549 |
| Arsenic, Total | mg/L | <0.003 | 0.003 | 0.004 | 0.002 | 4 | 1 | <0.003 | 0.004 | 0.0026 | 0.0011087 |
| Barium, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Boron, Total | mg/L | 0.7 | <0.1 | <0.1 | 0.2 | 4 | 2 | <0.1 | 0.7 | 0.25 | 0.3082207 |
| Cadmium, Total | mg/L | 0.03 d | 0.027 | 0.031 | 0.019 | 4 | 0 | 0.019 | 0.031 | 0.0268 | 0.0054391 |
| Calcium, Total | mg/L | NM | NM | 571 d | 330 | 2 | 0 | 330 | 571 | 450.5 | 170.41273 |
| Chromium, Hexavalent | mg/L | <0.05 | <0.02 | <0.01 | <0.005 | 4 | 4 | <0.005 | <0.05 | <0.05 | <0.05 |
| Chromium, Total | mg/L | <0.05 | <0.05 | <0.05 | <0.05 | 4 | 4 | <0.05 | <0.05 | <0.05 | <0.05 |
| Chromium, Trivalent | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 4 | 4 | <0.01 | <0.01 | <0.01 | <0.01 |
| Copper, Total | mg/L | 0.14 | 0.1 | 0.13 | 0.06 | 4 | 0 | 0.06 | 0.14 | 0.1075 | 0.0359398 |
| Iron, Total | mg/L | 4.66 | 5.93 | 8.22 | 2.19 | 4 | 0 | 2.19 | 8.22 | 5.25 | 2.5162803 |
| Lead, Total | mg/L | <0.003 | 0.001 | 0.001 | 0.011 d | 4 | 1 | <0.003 | 0.011 | 0.0036 | 0.0049223 |
| Magnesium, Total | mg/L | NM | NM | 930 d | 439 | 2 | 0 | 439 | 930 | 684.5 | 347.18943 |
| Manganese, Total | mg/L | 215 | 246 | 317 | 0.06 | 4 | 0 | 0.06 | 317 | 194.52 | 136.48646 |
| Mercury, Total | mg/L | <0.001 | <0.001 | <0.001 | <0.0001 | 4 | 4 | <0.0001 | <0.001 | <0.001 | <0.001 |
| Molybdenum, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Nickel, Total | mg/L | 6.53 | <0.05 | 6.14 | 3.03 | 4 | 1 | <0.05 | 6.53 | 3.9313 | 3.0388111 |
| Potassium, Total | mg/L | NM | NM | 37.1 | 17.7 | 2 | 0 | 17.7 | 37.1 | 27.4 | 13.717872 |
| Selenium, Total | mg/L | 0.013 | 0.013 | 0.016 | 0.008 | 4 | 0 | 0.008 | 0.016 | 0.0125 | 0.0033166 |
| Silica, Total | mg/L | NM | NM | 41.5 | 11.4 | 2 | 0 | 11.4 | 41.5 | 26.45 | 21.283914 |
| Silver, Total | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | <0.005 | <0.005 | <0.005 | <0.005 |
| Sodium, Total | mg/L | NM | NM | 115 | 54 d | 2 | 0 | 54 | 115 | 84.5 | 43.133514 |
| Thorium 232, Total | mg/L | 0.01 | 0.01 | 0.013 | 0.005 | 4 | 0 | 0.005 | 0.013 | 0.0095 | 0.0033166 |

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| Dewey-Burdock Surface Water Sampling Location | | Sub06 | | | | Summary Statistics for Sub06 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Description | | Darrow Mine Pit Northwest | | | | | | | | | |
| Date and Time Collected | | 9/27/2007 6:10:00 PM | 11/27/2007 9:36:00 AM | 2/10/2008 4:10:00 PM | 6/23/2008 1:45:00 PM | | | | | | |
| Lab ID | | R07090389 -003 | R07110302 -002 | R08020083 -002 | R08060403 -003 | | | | | | |
| Analyte | Units | Result | Result | Result | Result | n | n (non-detect) | Minimum | Maximum | Mean* | StDev* |
| Uranium, Total | mg/L | 7.38 d | 5.83 | 6.73 d | 3.61 | 4 | 0 | 3.61 | 7.38 | 5.8875 | 1.6459724 |
| Vanadium, Total | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 4 | 4 | <0.1 | <0.1 | <0.1 | <0.1 |
| Zinc, Total | mg/L | 5.55 | 4.46 | 7.22 d | 2.92 | 4 | 0 | 2.92 | 7.22 | 5.0375 | 1.8113784 |
| **Metals, Total, Speciated** | | | | | | | | | | | |
| Selenium-IV, Total | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 4 | 4 | <0.001 | <0.001 | <0.001 | <0.001 |
| Selenium-VI, Total | mg/L | 0.013 | 0.013 | 0.016 | 0.008 | 4 | 0 | 0.008 | 0.016 | 0.0125 | 0.0033166 |
| **Radionuclides, Dissolved** | | | | | | | | | | | |
| Lead 210, Dissolved | pCi/L | <1 | <1 | NM | -0.6 j | 3 | 2 | <1 | 0 | 0.1333 | 0.6350853 |
| Polonium 210, Dissolved | pCi/L | <1 | 1.7 | NM | 0.3 j | 3 | 1 | <1 | 1.7 | 0.8333 | 0.7571878 |
| Radium 226, Dissolved | pCi/L | 4.3 | 2 | 2.2 | 2.2 | 4 | 0 | 2 | 4.3 | 2.675 | 1.0874282 |
| Thorium 230, Dissolved | pCi/L | 23.8 | 27.8 | 25.2 | 6.3 | 4 | 0 | 6.3 | 27.8 | 20.775 | 9.7912801 |
| **Radionuclides, Suspended** | | | | | | | | | | | |
| Lead 210, Suspended | pCi/L | <1 | <1 | NM | 3.7 j | 3 | 2 | <1 | 3.7 | 1.5667 | 1.8475209 |
| Polonium 210, Suspended | pCi/L | 4.5 | 1.4 | NM | 0.4 j | 3 | 0 | 0.4 | 4.5 | 2.1 | 2.1377558 |
| Radium 226, Suspended | pCi/L | <0.2 | <0.2 | 1 | -0.2 j | 4 | 2 | <0.2 | 1 | 0.25 | 0.5196152 |
| Thorium 230, Suspended | pCi/L | <0.2 | 1 | <0.2 | 0.2 j | 4 | 2 | <0.2 | 1 | 0.35 | 0.4358899 |
| **Radionuclides, Total** | | | | | | | | | | | |
| Gross Alpha, Total | pCi/L | 3070 | 6780 | 8750 | 3570 | 4 | 0 | 3070 | 8750 | 5542.5 | 2697.1266 |
| Gross Beta, Total | pCi/L | 2500 | 3200 | 3600 | 1200 | 4 | 0 | 1200 | 3600 | 2625 | 1053.1698 |
| Gross Gamma, Total | pCi/L | <20 | 264 | 675 | 0 j | 4 | 1 | <20 | 675 | 237.25 | 316.37043 |
| Lead 210, Total | pCi/L | NM | <1 | NM | 3.1 j | 2 | 1 | <1 | 3.1 | 1.8 | 1.8384776 |
| Polonium 210, Total | pCi/L | NM | 3.1 | NM | 0.7 j | 2 | 0 | 0.7 | 3.1 | 1.9 | 1.6970563 |
| Radium 226, Total | pCi/L | NM | 2 | 1.8 | 2 | 3 | 0 | 1.8 | 2 | 1.9333 | 0.1154701 |
| Thorium 230, Total | pCi/L | NM | 28.8 | 31.1 | 6.5 | 3 | 0 | 6.5 | 31.1 | 22.133 | 13.587617 |
| **Data Quality Parameters** | | | | | | | | | | | |
| A/C Balance (± 5) | % | 2.82 | -0.00889 | -2.74 | 3.85 | 4 | 0 | -2.74 | 3.85 | 0.9803 | 2.9686587 |
| Anions | meq/l | 119 | 119 | 154 | 66.6 | 4 | 0 | 66.6 | 154 | 114.65 | 36.032717 |
| Cations | meq/l | 126 | 119 | 145 | 72 | 4 | 0 | 72 | 145 | 115.5 | 31.010751 |
| Solids, Total Dissolved Calculated | mg/L | 7090 | 7020 | 8910 | 4050 | 4 | 0 | 4050 | 8910 | 6767.5 | 2011.871 |
| TDS Balance (0.80 - 1.20) | dec. % | 1.14 | 1.23 | 0.77 | 1.12 | 4 | 0 | 0.77 | 1.23 | 1.065 | 0.2024022 |

Sampling Interval: Quarterly
Missing Samples and Reasons: None
* 1/2 RL used to calculate the mean and st dev where non-detect data occurred.
NM - not measured in field/not requested for analysis from lab

**Table 2.9-8: Radionuclide Concentrations in Stream Sediment Samples**

| SiteID | Date | U-nat, Total Result mg/kg-dry | Ra-226, Total Result pCi/g-dry | Ra-226, Total Precision +/- pCi/g-dry | Pb-210, Total Result pCi/g-dry | Pb-210, Total Precision +/- pCi/g-dry | Pb-210, Total Qualifier | Th-230, Total Result pCi/g-dry | Th-230, Total Precision +/- pCi/g-dry |
|---|---|---|---|---|---|---|---|---|---|
| BEN01 | 6/23/2008 | 1.8 | 0.6 | 0.1 | 2.3 | 2.1 | U | 0.6 | 0.2 |
| | 8/21/2008 | 2.4 | 0.6 | 0.1 | 2.0 | 0.7 | | 0.5 | 0.02 |
| BVC01 | 6/17/2008 | 2.0 | 1.3 | 0.2 | 0.5 | 2 | U | 0.8 | 0.2 |
| | 8/21/2008 | 2.0 | 0.6 | 0.1 | 2.6 | 0.7 | | 1.2 | 0.03 |
| BVC04 | 6/17/2008 | 2.0 | 1.5 | 0.2 | 1.9 | 2.1 | U | 0.7 | 0.2 |
| | 8/21/2008 | 2.0 | 1.0 | 0.1 | 1.8 | 0.7 | | 1.0 | 0.03 |
| CHR01 | 6/17/2008 | 1.7 | 1.0 | 0.2 | 0.2 | 2 | U | 0.6 | 0.2 |
| | 8/21/2008 | 2.7 | 0.9 | 0.1 | 1.7 | 0.6 | | 1.4 | 0.03 |
| CHR05 | 6/17/2008 | 6.2 | 2.1 | 0.2 | 1.7 | 2 | U | 1.9 | 0.4 |
| | 8/21/2008 | 1.2 | 0.6 | 0.1 | 1.3 | 0.7 | | 0.5 | 0.02 |
| PSC01 | 6/17/2008 | 3.9 | 2.9 | 0.3 | 4.7 | 2.1 | | 2.0 | 0.5 |
| | 8/21/2008 | 6.5 | 1.8 | 0.2 | 4.0 | 0.7 | | 4.1 | 0.06 |
| PSC02 | 6/17/2008 | 1.1 | 0.6 | 0.1 | 1.2 | 2 | U | 0.4 | 0.1 |
| | 8/21/2008 | 1.0 | 0.4 | 0.1 | 0.4 | 0.6 | U | 0.4 | 0.02 |
| UNT01 | 6/23/2008 | 2.0 | 0.8 | 0.1 | 2.2 | 2.1 | U | 0.5 | 0.2 |
| | 8/21/2008 | 2.5 | 0.7 | 0.1 | 1.7 | 0.7 | | 1.0 | 0.03 |
| Sub01 | 6/18/2008 | 2.2 | 1.2 | 0.2 | 0.5 | 2 | U | 0.7 | 0.2 |
| | 8/21/2008 | 3.3 | 1.1 | 0.1 | 1.0 | 0.7 | U | 1.0 | 0.03 |
| Sub02 | 6/18/2008 | 18 | 3.9 | 0.3 | 2.8 | 2.1 | U | 2.9 | 0.7 |
| | 8/21/2008 | 19 | 1.3 | 0.2 | 3.1 | 0.7 | | 6.8 | 0.07 |
| Sub03 | 6/18/2008 | 7.2 | 4.1 | 0.3 | 3.9 | 2.1 | | 2.1 | 0.6 |
| | 8/21/2008 | 4.2 | 1.1 | 0.2 | 3.2 | 0.7 | | 1.9 | 0.04 |
| Sub04 | 6/17/2008 | 6.5 | 2.5 | 0.2 | 1.2 | 2 | U | 0.9 | 0.2 |
| | 8/21/2008 | 5.1 | 0.7 | 0.1 | 2.1 | 0.7 | | 1.8 | 0.04 |

**Table 2.9-8: Radionuclide Concentrations in Stream Sediment Samples (concl.)**

| | | U-nat, Total | Ra-226, Total | | Pb-210, Total | | | Th-230, Total | |
|---|---|---|---|---|---|---|---|---|---|
| | | Result | Result | Precision | Result | Precision | | Result | Precision |
| SiteID | Date | mg/kg-dry | pCi/g-dry | +/- pCi/g-dry | pCi/g-dry | +/- pCi/g-dry | Qualifier | pCi/g-dry | +/- pCi/g-dry |
| Sub05 | 6/18/2008 | 8.5 | 4.2 | 0.3 | 4.2 | 2.1 | | 2.4 | 0.5 |
| | 8/21/2008 | 6.0 | 3.0 | 0.2 | 2.8 | 0.7 | | 2.3 | 0.04 |
| Sub06 | 6/23/2008 | 37 | 8.6 | 0.4 | 9.6 | 2.2 | | 7.8 | 1.6 |
| | 8/21/2008 | 32 | 5.2 | 0.3 | 4.0 | 0.7 | | 5.9 | 0.07 |
| Sub07 | 6/23/2008 | 1.7 | 0.7 | 0.1 | 0.6 | 2 | U | 0.5 | 0.2 |
| | 8/21/2008 | 2.2 | 0.4 | 0.1 | 1.9 | 0.7 | | 0.9 | 0.03 |
| Sub08 | 6/23/2008 | 1.2 | 0.6 | 0.1 | 0.6 | 2.1 | U | 0.4 | 0.1 |
| | 8/21/2008 | 1.9 | 0.4 | 0.1 | 1.7 | 0.7 | | 0.8 | 0.02 |
| Sub09 | 6/23/2008 | 2.4 | 1.0 | 0.2 | 1.5 | 2 | U | 0.7 | 0.2 |
| | 8/21/2008 | 2.3 | 0.6 | 0.1 | 1.7 | 0.7 | | 0.9 | 0.03 |
| Sub10 | 6/23/2008 | 1.5 | 0.8 | 0.1 | 1.5 | 2.1 | U | 0.7 | 0.3 |
| | 8/21/2008 | 2.1 | 0.6 | 0.1 | 0.9 | 0.7 | U | 0.7 | 0.03 |
| Sub11 | 6/23/2008 | 2.7 | 0.8 | 0.1 | 2.1 | 2.1 | U | 0.5 | 0.2 |
| | 8/21/2008 | 1.8 | 0.6 | 0.1 | 1.5 | 0.7 | | 0.8 | 0.03 |

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## Table 2.9-5: Radionuclide Concentrations in All Soil Samples (cont'd)

| Sample ID | Date Collected | Depth (cm) | 1-minute Gamma-Ray Count Rate (cpm) | U-nat (µCi/g) | Pb-210 (µCi/g) | Pb-210 Error (µCi/g) | Th-230 (µCi/g) | Th-230 Error (µCi/g) | Ra-226 (µCi/g) | Ra-226 Error (µCi/g) |
|---|---|---|---|---|---|---|---|---|---|---|
| SMA-B09 | 9/24/2007 | 0-15 | 12879 | - | - | - | - | - | 1.2E-06 | 2.0E-07 |
| SMA-B09-Dup | 9/24/2007 | 0-15 | - | - | - | - | - | - | 1.7E-06 | 2.0E-07 |
| SMA-B10 | 9/25/2007 | 0-15 | 13184 | - | - | - | - | - | 1.4E-06 | 2.0E-07 |
| SMA-B11 | 9/24/2007 | 0-15 | 17346 | - | - | - | - | - | 2.3E-06 | 3.0E-07 |
| SMA-B13 | 9/25/2007 | 0-15 | 13252 | - | - | - | - | - | 1.7E-06 | 3.0E-07 |
| SMA-B14 | 9/24/2007 | 0-15 | 14483 | - | - | - | - | - | 1.4E-06 | 3.0E-07 |
| SMA-B14-Dup | 9/24/2007 | 0-15 | - | - | - | - | - | - | 1.6E-06 | 2.0E-07 |
| SMA-B15 | 9/24/2007 | 0-15 | 8474 | - | - | - | - | - | 8.0E-07 | 2.0E-07 |
| SMA-B16 | 9/24/2007 | 0-15 | 10235 | - | - | - | - | - | 9.0E-07 | 2.0E-07 |
| SMA-B17 | 9/24/2007 | 0-15 | 10139 | - | - | - | - | - | 1.0E-06 | 2.0E-07 |
| SMA-B18 | 9/25/2007 | 0-15 | 8511 | - | - | - | - | - | 5.0E-07 | 1.0E-07 |
| SMA-B18-Dup | 9/25/2007 | 0-15 | - | - | - | - | - | - | 4.0E-07 | 1.0E-07 |
| SMA-B19 | 9/24/2007 | 0-15 | 10074 | - | - | - | - | - | 1.2E-06 | 2.0E-07 |
| SMA-B20 | 9/27/2007 | 0-15 | 10897 | - | - | - | - | - | 9.0E-07 | 2.0E-07 |
| SMA-B21 | 9/24/2007 | 0-15 | 16712 | - | - | - | - | - | 1.4E-06 | 2.0E-07 |
| SMA-B22 | 9/24/2007 | 0-15 | 10618 | - | - | - | - | - | 8.0E-07 | 2.0E-07 |
| SMA-B23 | 9/24/2007 | 0-15 | 16233 | - | - | - | - | - | 2.7E-06 | 3.0E-07 |
| SMA-B23-Dup | 9/24/2007 | 0-15 | - | - | - | - | - | - | 2.8E-06 | 3.0E-07 |
| SMA-B24 | 9/24/2007 | 0-15 | 12662 | - | - | - | - | - | 1.3E-06 | 2.0E-07 |
| SMA-B25 | 9/24/2007 | 0-15 | 9991 | - | - | - | - | - | 1.0E-06 | 2.0E-07 |
| SMA-B26 | 9/28/2007 | 0-15 | 73243 | - | - | - | - | - | 1.1E-05 | 5.0E-07 |
| SMA-B27 | 9/28/2007 | 0-15 | 130293 | 6.7E-05 | 3.0E-05 | 8.0E-07 | 3.0E-05 | 8.0E-07 | 4.0E-05 | 1.1E-06 |
| SMA-B28 | 9/29/2007 | 0-15 | 39061 | - | - | - | - | - | 6.4E-06 | 4.0E-07 |
| SMA-B29 | 9/28/2007 | 0-15 | 231041 | 1.6E-05 | 2.0E-05 | 7.0E-07 | 2.0E-05 | 6.0E-07 | 2.9E-05 | 9.0E-07 |
| SMA-B30 | 9/28/2007 | 0-15 | 89139 | - | - | - | - | - | 3.4E-05 | 9.0E-07 |
| LAN 001A | 7/18/2008 | 0-15 | - | 1.8E-06 | 2.4E-06 | 2.3E-06 | 1.2E-06 | 6.0E-07 | 8.0E-07 | 9.0E-08 |
| LAN 002A | 7/18/2008 | 0-15 | - | 8.6E-07 | 3.4E-06 | 2.3E-06 | 9.0E-07 | 5.0E-07 | 9.0E-07 | 1.0E-07 |
| LAN 003A | 7/18/2008 | 0-15 | - | 7.8E-07 | 8.0E-07 | 2.2E-06 | 7.0E-07 | 6.0E-07 | 1.2E-06 | 1.0E-07 |
| LAN 004A | 7/18/2008 | 0-15 | - | 6.9E-07 | 1.0E-06 | 1.4E-06 | 6.0E-07 | 6.0E-07 | 1.9E-06 | 2.0E-07 |
| LAN 004A-DUP | 7/18/2008 | 0-15 | - | 7.2E-07 | 5.0E-07 | 1.4E-06 | 4.0E-07 | 3.0E-07 | 7.0E-07 | 1.0E-07 |
| LAN 005A | 7/18/2008 | 0-15 | - | 8.4E-07 | 1.2E-06 | 1.4E-06 | 9.0E-07 | 5.0E-07 | 4.4E-06 | 3.0E-07 |
| LAN 006A | 7/18/2008 | 0-15 | - | 7.1E-07 | -5.0E-09 | 1.4E-06 | 3.0E-07 | 5.0E-07 | 1.1E-06 | 1.0E-07 |
| LAN 007A | 7/18/2008 | 0-15 | - | 8.1E-07 | 6.0E-07 | 1.4E-06 | 3.0E-07 | 5.0E-07 | 7.0E-07 | 1.0E-07 |
| LAN 008A | 7/18/2008 | 0-15 | - | 2.1E-06 | 1.0E-06 | 1.4E-06 | 1.0E-06 | 7.0E-07 | 9.0E-07 | 1.0E-07 |
| LAN 009A | 7/18/2008 | 0-15 | - | 1.1E-06 | -4.0E-07 | 1.4E-06 | 3.0E-07 | 6.0E-07 | 8.0E-07 | 1.0E-07 |
| LAN 010A | 7/18/2008 | 0-15 | - | 1.6E-06 | 1.8E-06 | 1.2E-06 | 1.2E-06 | 6.0E-07 | 1.2E-06 | 2.0E-07 |
| LAS 001A | 7/19/2008 | 0-15 | - | 1.2E-06 | 1.6E-06 | 1.2E-06 | 6.0E-07 | 5.0E-07 | 9.0E-07 | 1.0E-07 |
| LAS 002A | 7/19/2008 | 0-15 | - | 4.8E-07 | 1.4E-06 | 1.2E-06 | 1.0E-07 | 5.0E-07 | 7.0E-07 | 1.0E-07 |



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